Products & Services

Complete Solution Providers for Public Transportation



trueform

Introduction



Products & Services Catalogue Leading Suppliers of Public Transport Hardware

London, Manchester, Leeds, Glasgow, Las Vegas, New York, Toronto, Abu Dhabi... these great cities all have something in common: they run successful public transport systems.

Mobility, security and sustainability are the central basis for economic growth and prosperity in our globalized world. Trueform provide intelligent public transport products and specialist engineering solutions to meet these requirements.

Working in close collaboration with leading transport authorities, consultants, architects and designers, we provide a comprehensive range of hardware products, signage systems, electronic information displays with associated installation and maintenance services.

For further details on these products or to discuss our range of 'bespoke' design and manufacturing services please contact our customer support team.

We would be delighted to discuss your individual project requirements with you.

Our range of services includes:-

- A comprehensive range of standard products
- Design engineering, CAD & Manufacturing services for bespoke products
- Prototyping development & In house manufacturing
- · Installation, maintenance and support

- Bus
- Rail
- Airports
- Light Rail Metro
- Tram
- Bus Rapid Transit
- Cycling
- Pedestrian Wayfinding
- E-Mobility City & Workplace Charging Canopies
- CAV & SAV Waiting Rooms& Docking Stations
- University & Colleges
- Smart City
- Smart Mobility
- Digital Advertising



Section 1

Bus Shelters, Enclosures, Canopies, Walkways, Transport Interchanges, Waiting Rooms, Ticket Booths

Bus Shelters

Rail Waiting Shelters

Tram & Metro Shelters

Bus Rapid Transit (BRT) Shelters

Waiting Rooms

Specialist Enclosures

Canopies

Covered Walkways

Smoking Shelters

Cycle Shelters

Glazed Screens & Windbreaks

Bespoke Structure Design and Manufacturing

Counter Terrorism Solutions / Blast Resistant Structures

Station Infrastructure Architectural Metalwork & Fabricated

Structures

Section 2

Bus Stops & Accessories

Bus Stops & Systems

Temporary Bus Stops

Bus Stop Flags & Flag Graphics

Bus Stop Timetable Displays (please refer to section 3)

Solar Bus Stops (please refer to section 10)

Bespoke Bus Stop Design and Manufacturing Service

Section 3

Signage, Display Cases, Timetables, Station Identifiers & Wayfinding Signage Systems, 6 Sheet Advertising Displays

Station Totems & Identifiers

Signage Systems

Timetable Displays Cases

Poster Frames & Displays

Directional Signage

Wayfinding Signage Systems

Finger Posts

Cycle Scheme Signage

6 Sheet Advertising Displays

Signage Graphics Production

Wayfinding Signage Graphics & Mapping Panels

Vitreous Enamel Signage

Section 4

Seats & Seating

Shelter Seating

Freestanding Seating

Bench, Perch & Cantilever Seating

Station Concourse Seating

Underground Seating

Custom Seating

Section 5

Counter Terrorism & Security Solutions

Bomb Blast Protected Shelters and Enclosures

Bomb Blast Protected Glazed Screens

Perimeter VBIED Security Bollards (BSI PAS 68)

Perimeter VBIED Security Bollards (BSI PAS 69)

CCTV Security Systems

Bomb Blast Resistant Litter Bins

Section 6

Electronic Information Displays, Kiosks & RTPI Systems

Shelter RTI Displays

LED / LCD Displays

Customer Information Systems

Platform Displays

Touch Screen Displays

Journey Planning Kiosks

Low Power (solar) Displays

Bus Stop Flag Displays

Full Matrix Flag Displays

Electronic Service Update Boards

Customer Help Points

Trapeze Display Range

Section 7

Solar Power Systems

Solar Development & Engineering Overview

Solar Shelter Solutions

Solar Stop Solutions



Section 8

TfL Approved Products

Roundels & Station Identifiers

Signage, Signage Systems & Publicity Displays

Service Information & Service Update Boards

Bus Stops, Taxi Stops & Temporary Bus Stops

Shelters, Canopies, Walkways, Glazed Screens, Windbreaks,

Waiting Rooms, Staff Accommodation & Assistance Units

Bus Stations & Interchanges

Bespoke Architectural Metalwork & Fabrication

Legible London Wayfinding Signage System

Cycle Super Highway & Cycle Hire

Electronic Displays, Kiosks & Help Points

Seating & Litter Bins

Solar Power Systems

Station & Interchange Accessories

Bollards

Balustrades & Handrails

Railings & Fencing

Section 9

Airport Approved Products

FIDS Units

Blast Protected Shelters, Canopies and Glazed Screens

Balustrades, Buggy Rails & Handrails

Cladding Panels & Column Cladding

Signage Systems

Customer Information Units

Trolley Corrals & Barriers

Construction Related Metalwork Services

Check-in Areas

Door Entrance Portals

Site Fitting & Erection Services

Section 10

Litter Bins & Ashtrays

Platform Litter Bins & Trash Receptacles
Ashtravs

Section 11

Bollards, Barriers, Bike Racks & Stations Hardware

Freestanding Bollards Sheffield Cycle Racks

Custom Barriers

Section 12

Installation, Civils, Site Erection, Cleaning, Maintenance & Asset Management Services

Installation, Civils & Site Erection Services

Cleaning & Maintenance Services

Electrical Commissioning & Maintenance

Asset Management & Audit Services

Project Management

Section 13

Custom Product Design & Engineering, Graphic Design, Map & Timetable Design, Transport Planning & Advisory

Design & Engineering Services

Map & Timetable Design

Graphic Design

Transport Planning & Advisory Services

Section 14

Intelligent Transport & Data Management Systems Software & Hardware Interface to Systems Integrators

Intelligent Transport & Data Management Systems
Software & Hardware Interface to Systems Integrator

Section 15

Construction Related Metalworks Fabrication, Metal Fabrication Services, Fabricated Products

Construction Related Metalwork Fabrication

Metal Fabrication Services

Fabricated Products

Project Management

Installation & Site Fitting

Modular Construction & Erection Methods





Section 01

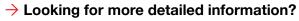
Transit Shelters, Enclosures, Canopies, Walkways, Transport Interchanges, Waiting Rooms & Ticket Booths



Contents

Bus Shelters, Enclosures, Canopies, Walkways, Balustrades Transport Interchanges, Waiting Rooms & Ticket Booths

Product Name	Reference	Product Name	Reference	Product Name	Reference
Section A - Bus Shelters		Seattle Shelter	1A 017	Redhill Bus Station Waiting Room	1A 041
Flight Shelter	1A 001	Burslem Shelter	1A 018	Taxi Shelter	1A 042
Flight Heritage	1A 001.1	Demi Burslem Shelter	1A 019	Hampshire BRT Shelter	1A 043
Flight Curved	1A 001.2	Integra Shelter	1A 020	Weymouth Shelter	1A 045
Loughborough Flight Shelter	1A 001.3	Integra Platform Shelter	1A 020.1	Apex Bus Shelter	1A 046
Gullwing Shelter	1A 002	Deansgate Integra Shelter	1A 020.2	Centro Bus Shelter	1A 047
Fishergate Gullwing Shelter	1A 002.1	Market Street Integra Shelter	1A 020.3	Centro Gullwing Shelter	1A 047.1
Gullwing BRT Shelter	1A 002.2	MK Shelter	1A 021	Stratford Shelter	1A 048
Gullwing Heritage Shelter	1A 002.3	MK Station Shelter	1A 021.1	Neo Shelter	1A 049
Loughborough Gullwing Shelter	1A 002.4	Hi Trans Shelter	1A 023	Luton Busway/Interchange Shelter	1A 050
Elite Shelter	1A 003	Skyline Shelter	1A 024	Cambridge BRT Shelters	1A 051
Elite Full Drop Shelter	1A 004	Solar Air Conditioned Shelter	1A 025	NET 2 Platform Shelter	1A 052
Metro Shelter	1A 005	Insignia Shelter	1A 026	NET 2 Mini Gullwing Shelter	1A 053
Manchester Airport - Metro Covered Walkway	1A 005.1	Landmark London Shelter	1A 027	NET2 Gullwing Tram Shelter	1A 054
Premium Shelter	1A 006.1	Air Conditioned Landmark London Shelter	1A 027.1	TfGM Victoria Platform Gullwing Shelter	1A 055
Legacy Shelter	1A 007	Landmark Bow Shelter	1A 028	Croydon Tramlink	1A 056
Legacy Heritage Shelter	1A 007.1	Landmark Bullet Shelter	1A 029	Anti-Vandal Rail Platform Shelters - Govia	1A 057
Mini Legacy Shelter	1A 007.2	Landmark Plate Shelter	1A 030	Anti-Vandal Rail Platform Waiting Enclosure - Govia Flitwick	1A 057.1
CityScene Shelter	1A 008	Infologic Shelter	1A 031	Crossrail Platform Shelters	1A 058
Streamline Bus Shelter	1A 010	Ultra Stop/Mini Shelter	1A 032	EV Charge Shelters & Canopies	1A 059
Discovery Shelter	1A 012	Staff Accommodation Pod	1A 034	Shared & Connected Autonomous Vehicles (CAV & SAV)	1A 060
Discovery Diffusion Shelter	1A 012.1	River Services Shelters	1A 035	Shelters & Waiting Rooms	
MK Micro Discovery Shelter	1A 013	Anti Vandal Rail Waiting Shelter	1A 036	East Croydon Bus Station	1A 061
Aviator Anti-Terrorist Shelter	1A 014	Prestige Rail Waiting Shelter	1A 037	San Diego Shelters	1A 062
Sinewave Shelter	1A 015	Commander Rail Shelter	1A 038	Abbey Wood Station Shelters	1A 063
Sinewave BRT Shelter (Las Vegas)	1A 016	Urbis Shelter	1A 039	Northern Rail Platform Shelters	1A 064





Contents

Bus Shelters, Enclosures, Canopies, Walkways, Balustrades Transport Interchanges, Waiting Rooms & Ticket Booths

Product Name	Reference
Section B - Enclosures, Canopies, Walkways,	
Transport Interchanges, Waiting Rooms	
& Ticket Booths	
Westfield Glazed Screens	1B 001
Anti-Terrorist Glazed Screens	1B 002
Bomb Blast Proof Glazed Screens	1B 003
Bomb Blast Proof Glazed Waiting Rooms	1B 004
Glazed Screens	1B 005
Station Infrastructure & Fabrication	1B 006
Station Infrastructure & Fabrication	1B 007
Underground Station Infrastructure & Fabrication	1B 008
TfL Station Entrance Canopies	1B 009
Wembley Shelter	1B 010
Wembley Canopy & Walkway	1B 011
Kings Cross Taxi Canopy	1B 011.1
Custom Canopies	1B 012
DLR Cycle Shelter	1B 013
Cambridgeshire Cycle Shelter	1B 015
NET Link Bridge Walkway	1B 016
Leeds Glazed Walkway / Windbreak	1B 017
NET2 Glazed Screens	1B 018
NET2 Balustrades	1B 019
Partick Interchange	1B 020

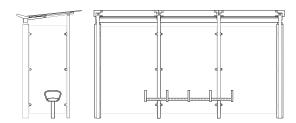


Bus Shelters

Flight Shelter Ref: 1A 001

Flight Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
- Engineering grade construction & materials
- Future proofed & technology enabled
- Incorporates Intelligent, electronic transport hardware
- Optimum passenger protection, comfort & safety
- Ultimate transport marketing platform
- · Robust and vandal resistant
- Range of high grade material & finish options for long lasting performance
- Quick release yet tamper proof features for rapid, cost effective maintenance
- Compliant with BSI structural standards & regulations
- Fully DDA & ADA compliant
- Ability to accept RTPI displays, CCTV, audio PA, solar, kiosks and other advanced information systems
- Range of foundation and installation options available
- Range of glazing materials and options available
- Special 'shock absorbing' glazing retention system
- The choice of many major Cities











→ Looking for more detailed information?



Flight Heritage Shelter Ref: 1A 001.1

Flight Heritage Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Flight Curved Shelter Ref: 1A 001.2

Flight Curved Shelter

- Available in a range of configurations & sizes
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Loughborough Flight Shelter Ref: 1A 001.3

Loughborough Flight Shelter

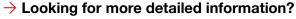
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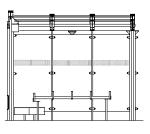


Gullwing Shelter Ref: 1A 002

Gullwing Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
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Fishergate Gullwing Shelter Ref: 1A 002.1

Fishergate Gullwing Shelter

- Available in a range of configurations & sizes
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- The choice of many major Cities















Gullwing BRT Shelter Ref: 1A 002.2

Gullwing BRT Shelter

- Available in a range of configurations & sizes
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Gullwing Heritage Shelter Ref: 1A 002.3

Gullwing Heritage Shelter

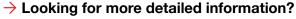
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Loughborough Gullwing Shelter

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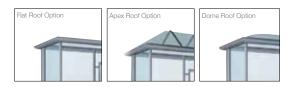




Elite Shelter Ref: 1A 003

Elite Shelter

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→ Looking for more detailed information?



Elite Full Drop Shelter Ref: 1A 004

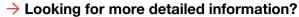
Elite Full Drop Shelter

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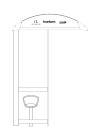


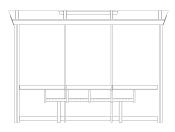


Metro Shelter Ref: 1A 005

Metro Shelter

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Manchester Airport - Metro Covered Walkway







Premium Shelter Ref: 1A 006.1

Premium Shelter

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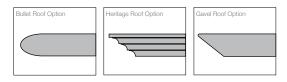
→ Looking for more detailed information?



Legacy Shelter Ref: 1A 007

Legacy Shelter

- Available in a range of configurations & sizes
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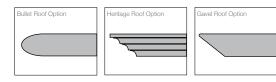




Legacy Heritage Shelter Ref: 1A 007.1

Legacy Heritage Shelter

- Available in a range of configurations & sizes
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Mini Legacy Shelter Ref: 1A 007.2

Mini Legacy Shelter

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CityScene Shelter Ref: 1A 008

CityScene Shelter

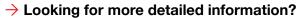
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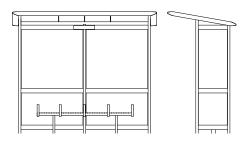




Streamline Shelter Ref: 1A 010

Streamline Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
- Engineering grade construction & materials
- Future proofed & technology enabled
- Incorporates Intelligent, electronic transport hardware
- Optimum passenger protection, comfort & safety
- Ultimate transport marketing platform
- · Robust and vandal resistant
- Range of high grade material & finish options for long lasting performance
- Quick release yet tamper proof features for rapid, cost effective maintenance
- Compliant with BSI structural standards & regulations
- Fully DDA & ADA compliant
- Ability to accept RTPI displays, CCTV, audio PA, solar, kiosks and other advanced information systems
- Range of foundation and installation options available
- Range of glazing materials and options available
- Special 'shock absorbing' glazing retention system
- The choice of many major Cities











→ Looking for more detailed information?

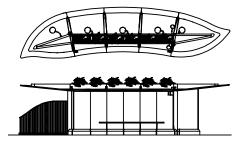
Color of the colo



Discovery Shelter Ref: 1A 012

Discovery Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
- Engineering grade construction & materials
- Future proofed & technology enabled
- Incorporates Intelligent, electronic transport hardware
- Optimum passenger protection, comfort & safety
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Discovery Diffusion Shelter Ref: 1A 012.1

Discovery Diffusion Shelter

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MK Micro Discovery Shelter

- Available in a range of configurations & sizes
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- Engineering grade construction & materials
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Aviator Anti-Terrorist Shelter

Bomb Blast Protected Shelters

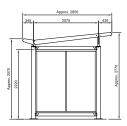
Protect Your Employees, Customers & Property from Terrorist Attack

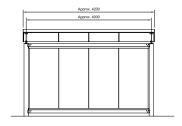
Features

- Withstands 100kgs of high explosive at 25mtr distance
- Compliant with BS & ISO Standards
- Tested to ISO EX V25 Blast Standard
- As used by BAA
- Patent Pending

Applications

- Public Transport Systems
- Airports
- Bus & Train Shelters & Stations
- Government, Public & Commercial Buildings
- Sporting Events, Venues & Arenas
- Conferences & Exhibitions
- Permanent & Temporary (portable) Solutions













→ Looking for more detailed information?

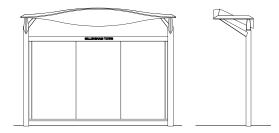
Color of the colo



Sinewave Shelter Ref: 1A 015

Sinewave Shelter

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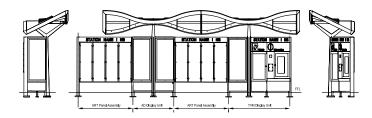


Color of the colo



Sinewave BRT Shelter (Las Vegas)

- Available in a range of configurations & sizes
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- Engineering grade construction & materials
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- Ultimate transport marketing platform
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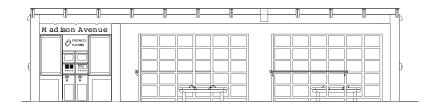


→ Looking for more detailed information?



Seattle Shelter

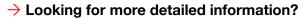
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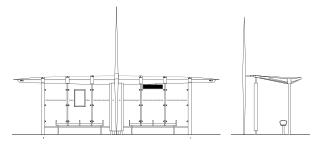
Color of the colo



Burslem Shelter Ref: 1A 018

Burslem Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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- The choice of many major Cities











→ Looking for more detailed information?



Demi Burslem Shelter Ref: 1A 019

Demi Burslem Shelter

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- Modular, flexible & innovative design & construction
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- Incorporates Intelligent, electronic transport hardware
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Integra Shelter Ref: 1A 020

Integra Shelter

- Available in a range of configurations & sizes
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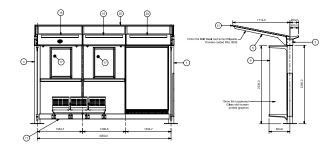






Integra Platform Shelter

- Available in a range of configurations & sizes
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- Contemporary architectural aesthetics & detailing
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Deansgate Integra Shelter Ref: 1A 020.2

Deansgate Integra Shelter

- Available in a range of configurations & sizes
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Market Street Integra Shelter Ref: 1A 020.3

Market Street Integra Shelter

- Available in a range of configurations & sizes
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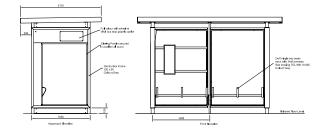




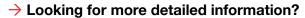


MK Shelter

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Color of the colo



MK Station Shelter Ref: 1A 021.1

MK Station Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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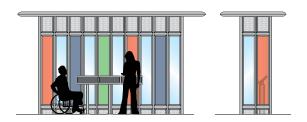
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Hi Trans Shelter Ref: 1A 023

Hi Trans Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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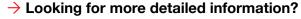










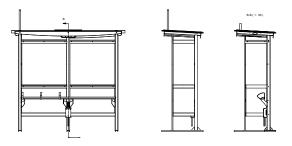




Skyline Shelter Ref: 1A 024

Skyline Shelter

- Available in a range of configurations & sizes
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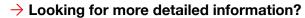














Solar Air Conditioned Shelter Ref: 1A 025

Solar Air Conditioned Shelter

Trueform, the leading provider of public transport products and services and solar power solutions has introduced the World's First energy efficient and environmentally friendly 'Solar Powered Air Conditioned Passenger Waiting Shelter'.

The strikingly designed shelters can be installed and fully operational in under a day and offers the benefit of operating without the need to install costly power supply cables or carry out disruptive road excavation.

Running costs are minimal and the high reliability of the unit means that there is little need for maintenance.

Experience from around the World has proven that just putting up a basic waiting shelter or stop is not enough. Transport networks need the technology with which the travelling public have up to date travel information whilst waiting in a safe, secure, comfortable and climate controlled environment for an efficient reliable public transport service.











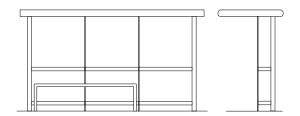


Insignia Shelter Ref: 1A 026

Insignia Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Original design for Clear Channel







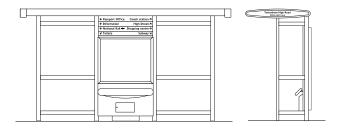




Landmark London Shelter Ref: 1A 027

Landmark London Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Air Conditioned Landmark London Shelter

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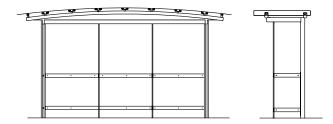


Landmark Bow Shelter Ref: 1A 028

Landmark Bow Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Original design for Clear Channel









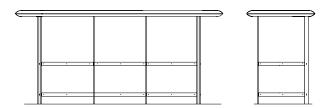


Landmark Bullet Shelter Ref: 1A 029

Landmark Bullet Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
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Original design for Clear Channel









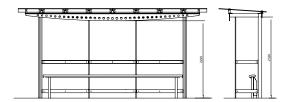


Landmark Plate Shelter Ref: 1A 030

Landmark Plate Shelter

- Available in a range of configurations & sizes
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Original design by Clear Channel - Produced under licence by Trueform for Transport for London











Infologic Shelter Ref: 1A 031

Infologic Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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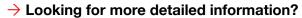


Ultra Stop / Mini Shelter Ref: 1A 032

Ultra Stop / Mini Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Color of the colo

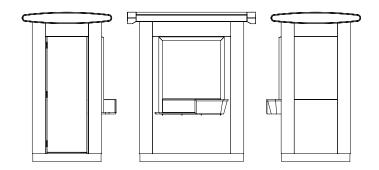


Staff Accommodation Pod Ref: 1A 034

Staff Accommodation Pod

A wide range of sizes, and configurations are available for a multitude of uses throughout the transport network.

- Ticket booths
- Information kiosks
- Retail outlets
- Storage units etc





River Services Shelter Ref: 1A 035

River Services Shelter

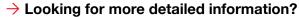
- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
- Engineering grade construction & materials
- Future proofed & technology enabled
- Incorporates Intelligent, electronic transport hardware
- Optimum passenger protection, comfort & safety
- Ultimate transport marketing platform
- · Robust and vandal resistant
- Range of high grade material & finish options for long lasting performance
- Quick release yet tamper proof features for rapid, cost effective maintenance
- Compliant with BSI structural standards & regulations
- Fully DDA & ADA compliant
- Ability to accept RTPI displays, CCTV, audio PA, solar, kiosks and other advanced information systems
- Range of foundation and installation options available
- Range of glazing materials and options available
- Special 'shock absorbing' glazing retention system
- The choice of many major Cities













Anti Vandal Rail Waiting Shelter

Designed specifically for rail platforms and bus waiting applications, the robust Metroplan anti-vandal stainless steel shelters are capable of resisting the most determined of vandals by the introduction of a stainless steel structure and special stainless steel glazing system. Stainless steel shelters have been proven to significantly reduce maintenance costs, particularly on unmanned rail stations and vandal prone bus shelter sites.

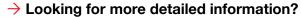
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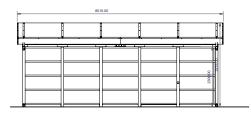


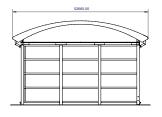
Color Color



Prestige Rail Waiting Shelter

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Commander Shelter Ref: 1A 038

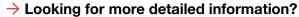
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Urbis Shelter Ref: 1A 039

Urbis Shelter

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Redhill Bus Station Waiting Room

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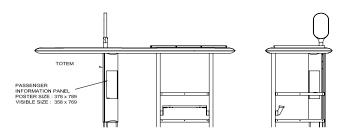




Taxi Shelter Ref: 1A 042

Taxi Shelter

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Hampshire BRT Shelter Ref: 1A 043

Hampshire BRT Shelter

A series of Trueform designed high end BRT shelters, incorporating grid connected solar, CCTV, help points and RTI.

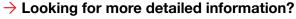
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Weymouth Shelter Ref: 1A 045

Weymouth Shelter

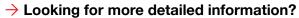
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Apex Shelter Ref: 1A 046

Apex Shelter

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→ Looking for more detailed information?



Centro Bus Shelter Ref: 1A 047

Centro Bus Shelter

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Centro Gullwing Bus Shelter Ref: 1A 047.1

Centro Gullwing Bus Shelter

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Stratford Shelter Ref: 1A 048

Stratford Shelter

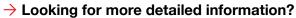
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Neo Shelter Ref: 1A 049

Neo Shelter

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Color Color



Luton Busway / Interchange Shelter

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Cambridge BRT Shelters Ref: 1A 051

Cambridge BRT Shelters

Trueform is a leading company in the design, manufacture and erection of high-quality station, airport and underground building infrastructure.

Working with top clients, architects and contractors, Trueform meets the individual needs of customers who expect the very best.

Trueform offers worldwide experience certified quality, service and support in every project phase.

The scope of work includes technical sales advice, budget pricing, tendering, CAD design, engineering, manufacture, finishing, supply and site installation/fitting of any type of Construction related fabricated metal works.

Specialist Areas of Operation

- Construction Related Fabrication Services
- Airport & Transport Infrastructure Fabrication
- Industrial Machine Special Fabrication
- Stainless Steel Fabrication
- Aluminium Fabrication
- CAD Design
- Product Management
- Installation and Site Fitting
- Modular Construction and Site Erection
- Specialist Finishing
- Elevator Engineering Services









(0208 561 4959 ↑ www.trueform.co.uk □ sales@trueform.co.uk



NET2 Platform Shelter Ref: 1A 052

NET2 Platform Shelter

- Available in a range of configurations & sizes
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NET2 Mini Gullwing Shelter Ref: 1A 053

NET2 Mini Gullwing Shelter

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NET2 Gullwing Tram Shelter Ref: 1A 054

NET2 Gullwing Tram Shelter

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TfGM Victoria Platform Gullwing Shelter

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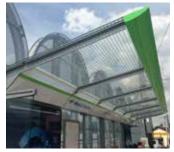


Croydon Tramlink Shelter Ref: 1A 056

Croydon Tramlink Shelter

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Anti-Vandal Rail Platform Shelters - Govia









Anti-Vandal Rail Platform Waiting Enclosure - Govia Flitwick









Crossrail Platform Shelters Ref: 1A 058

Crossrail Platform Shelters







EV Charge Shelters & Canopies

Trueform Manufacturing & Technologies Group are a leading manufacturer of custom structures for transportation applications, including EV charge & CAV canopies, shelters, covered walkways, docking stations, glazed screens and waiting rooms.

Working in collaboration with the EV charging industry, EV charging suppliers, architects, scheme designers, main contractors, cities, government & local authorities, Trueform has over 40 years of experience, with over 150,000 structures installed Worldwide. We are global leaders in the provision of public transportation, intelligent mobility, Smart City, low, ultra-low and zero emission mobility solutions.







Shared & Connected Autonomous Vehicles (CAV & SAV) Shelters & Waiting Rooms

Shared & Connected Autonomous Vehicles (CAV & SAV) can only work efficiently as a network if they are connected with not just other vehicles, but also with passenger information signage and waiting room infrastructure along the road.

The deployment of CAV & SAV vehicles provides an opportunity for Trueform to deploy its range of passenger information and boarding infrastructure, to create new mobility ecosystems.











East Croydon Bus Station Ref: 1A 061

East Croydon Bus Station







San Diego Shelters Ref: 1A 062

San Diego Shelters





Abbey Wood Station Shelters





Northern Rail Platform Shelters Ref: 1A 064

Northern Rail Platform Shelters



Enclosures, Canopies, Walkways, Balustrades Transport Interchanges, Waiting Rooms & Ticket Booths

Westfield Glazed Screens Ref: 1B 001

Westfield Glazed Screens

Trueform have designed, manufactured, installed and maintained these glazed screens for Westfield bus station and other transport related locations throughout the UK.



Anti Terrorist Glazed Screens Ref: 1B 002

Anti Terrorist Glazed Screens

Bomb Blast Protected Glazed Screens

Protect Your Employees, Customers & Property from Terrorist Attack

Features

- Withstands 100kgs of high explosive at 25mtr distance
- Compliant with BS & ISO Standards
- Tested to ISO EX V25 Blast Standard
- As used by BAA
- Patent Pending

Applications

- Public Transport Systems
- Airports
- Bus & Train Platforms & Stations
- Government, Public & Commercial Buildings
- Sporting Events, Venues & Arenas
- Conferences & Exhibitions
- Permanent & Temporary (portable) Solutions

Please also refer to 'Counter Terrorism & Security Solutions' in section 5 for more information.







Bomb Blast Proof Glazed Screens Ref: 1B 003

Bomb Blast Proof Glazed Screens

Please also refer to 'Counter Terrorism & Security Solutions' in section 5 for more information.









Bomb Blast Proof Glazed Waiting Rooms

Trueform has design developed a unique range of bomb blast proof glazed waiting rooms specifically for Airports and high risk applications. Using ultra high strength materials, construction techniques, specialist blast glazing and retention system provides maximum safety.

A wide range of sizes and configurations are available.









Glazed Screens Ref: 1B 005

Glazed Screens





Station Infrastructure & Fabrication

Trueform is a leading company in the design, manufacture and erection of high-quality station, airport and underground building infrastructure.

Working with top clients, architects and contractors, Trueform meets the individual needs of customers who expect the very best.

Trueform offers worldwide experience certified quality, service and support in every project phase.

The scope of work includes technical sales advice, budget pricing, tendering, CAD design, engineering, manufacture, finishing, supply and site installation/fitting of any type of Construction related fabricated metal works.

- Construction Related Fabrication Services
- Airport & Transport Infrastructure Fabrication
- Industrial Machine Special Fabrication
- Stainless Steel Fabrication
- Aluminium Fabrication
- CAD Design
- Product Management
- Installation and Site Fitting
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- Specialist Finishing
- Elevator Engineering Services



Underground Station Infrastructure & Fabrication

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- Modular Construction and Site Erection
- Specialist Finishing
- Elevator Engineering Services









TfL Station Entrance Canopies

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Wembley Shelter Ref: 1B 010

Wembley Shelter







Wembley Canopy & Walkway Ref: 1B 011

Wembley Canopy & Walkway

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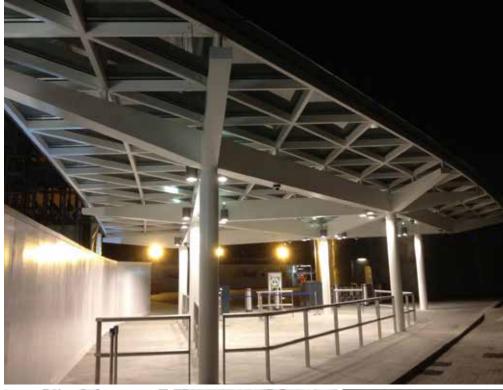


King's Cross Taxi Canopy Ref: 1B 011.1

King's Cross Taxi Canopy

The canopy features some unique and highly complex design and manufacturing details, with a vast steel and glass Lattice-work roof which forms a great spectacular but also functional canopy.

The elegant canopy has been applauded for transforming the local environment and providing a high quality experience for passengers visiting and passing through the Station.









Custom Canopies Ref: 1B 012

Custom Canopies

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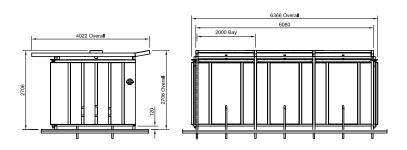






DLR Cycle Shelter Ref: 1B 013

DLR Cycle Shelter











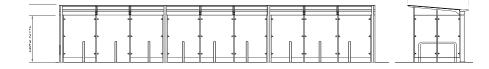
Cambridgeshire Cycle Shelter











NET Link Bridge Walkway

Ref: 1B 016

NET Link Bridge Walkway







Leeds Glazed Walkway / Windbreak









NET2 Glazed Screens Ref: 1B 018

NET2 Glazed Screens



NET2 Balustrades Ref: 1B 019

NET2 Balustrades









Partick Interchange Ref: 1B 020

Partick Interchange

The highly complex, bespoke fabricated architectural metalwork structures, the unique shelters provide a premium environment for intelligent transport services. Trueform's scope of works included production design, engineering, fabrication, finishing, assembly and full on-site erection and commissioning.

Partick Interchange is an important integrated transport hub for West Glasgow serving one of Scotland's busiest and most densely populated areas. The £2.5million refurbishment including extensive remodelling work to integrate with the adjacent rail and subway station, the new look interchange will also incorporate into cycle and footpath networks will significantly improve the connected transport experience.







Section 02

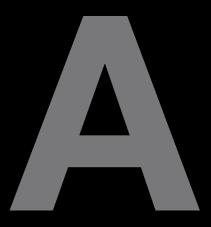
Bus Stops & Accessories



Bus Stops & Accessories

Product Name	Reference	Product Name	Reference	Product Name	Reference
Section A - Bus Stops		Section B - Electronic Bus Stops, RTI Flags		Section C - Temporary Bus Stops	
Elite Bus Stop	2A 001	& Touch Screens		Classic Temporary Bus Stop	2C 001
Streamline Bus Stop	2A 002	Electronic Bus Stops & Flags	2B 001	Halo Temporary Bus Stop	2C 003
Slimline Bus Stop	2A 003	LED Flag Displays	2B 002		
London Buses Bus Stop	2A 004	LED Flag Displays	2B 004	Section D - Bus Stop Accessories	
London Buses Solar Bus Stop	2A 005	LED Flag Displays	2B 005	Conventional Bus Stop Poles & Accessories	2D 001
Elite Solar Bus Stop	2A 006	LED Flag Displays	2B 006	Bus Stop Flag Graphics	2D 002
'E2' Bus Stop	2A 008	Solar & Low Power Displays	2B 007	Elite Bottom Opening Timetable Case	2D 003
Millenium Bus Stop	2A 009	Electronic Timetables & Touch Screens	2B 008	Double & Triple Timetable Connector Brackets (Spines)	2D 004
Info Totem Bus Stop	2A 010	E-Ink Bus Stop Display	2B 008.1	Double & Triple Timetable Connector Brackets	2D 005
Bus Stop Info Drum	2A 011	Centro Set Down Flag Bus Stop	2B 009	PTE Side Hinge Timetable Case	2D 006
Solar Taxi Stop	2A 012	Centro Bus Stop Totem	2B 010	Elite Side Hinged (Winnipeg) Timetable Case	2D 007
Centro Set Down Flag Bus Stop	2A 013	New York SBS Wayfinding Totems	2B 011	Solar Bus Stops	2D 008
Centro Bus Stop Totem	2A 014	Bus Information Totem	2B 012		
New York SBS Wayfinding Totems	2A 015	Ealing Broadway Bus Interchange Digital Totem	2B 013		
Bus Info Totem	2A 016				
Ealing Broadway Bus Interchange Digital Totem	2A 017				



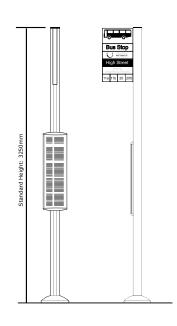


Bus Stops

Elite Bus Stop

Patented Bus Stop Information System

- Contemporary 'Modular' Design
- Strong, Long Lasting Materials & Anodised Aluminium Finish
- Quality Presentation of Timetable Information
- Quick Release Fittings & Fixings (aids operation & maintenance)
- Robust, Boat Shaped Flag Sign with Quick Release Route Tiles
- No Visible Fixings for Tamperproof & Vandal Resistant Operation
- Post Designed to accept RTPI Power & Communications Cables
- Attractive Weather Resistant Materials (Stainless Steel & Aluminium)
- Solar Power Lighting & Illuminated Timetable Display Options
- Tactile Bumper foot for Visually Impaired & Pushchairs
- Many Safety Features & DDA/Mobility **Group Features**
- Compliant with all Relevant BSI Structural Standards and Legislation







Color of the colo



Woodside Road

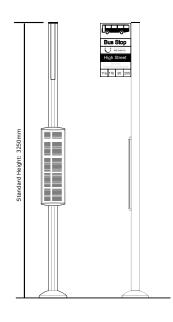
Buses towards

City Centre

Elite Bus Stop

Patented Bus Stop Information System

- Contemporary 'Modular' Design
- Strong, Long Lasting Materials & Anodised Aluminium Finish
- Quality Presentation of Timetable Information
- Quick Release Fittings & Fixings (aids operation & maintenance)
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- Compliant with all Relevant BSI Structural Standards and Legislation











Streamline Bus Stop Ref: 2A 002

Streamline Bus Stop

Low cost Streamline 76mm diameter post system with integral timetable brackets and flag fitting detail.





Color Color



Slimline Bus Stop Ref: 2A 003

Slimline Bus Stop

Trueform's entry level bus stop system with similar features to the Elite bus stop but with a slimmer, shorter pole - ideal for rural locations.

Features/Performance

- Contemporary 'Modular' Design
- Strong, Long Lasting Materials & Anodised Aluminium Finish
- Quality Presentation of Timetable Information
- Quick Release Fittings & Fixings (aids operation & maintenance)
- Robust, Boat Shaped Flag Sign with Quick Release Route Tiles
- No Visible Fixings for Tamperproof & Vandal Resistant Operation
- Attractive Weather Resistant Materials (Stainless Steel & Aluminium)
- Solar Power Lighting & Illuminated Timetable Display Options
- Tactile Bumper foot for Visually Impaired & Pushchairs
- Many Safety Features & DDA/Mobility Group Features
- Compliant with all Relevant BSI Structural Standards and Legislation





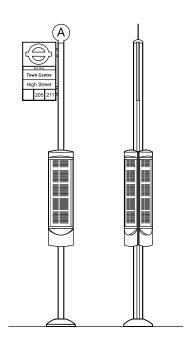


London Buses Bus Stop Ref: 2A 004

London Buses Bus Stop

Trueform hold the contract to manufacture, install and maintain bus stops for London Bus Services Ltd.

Trueform are also able to offer this high quality bus stop design to other Transit Agencies around the World.









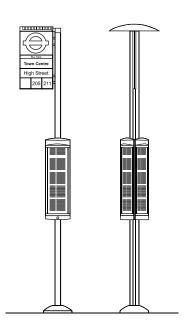


London Buses Solar Bus Stop

Trueform hold the contract to manufacture, install and maintain bus stops for London Bus Services Ltd.

Trueform are also able to offer this high quality bus stop design to other Transit Agencies around the World.

Available with and without solar.











10 X10 501

Elite Solar Bus Stop

Manufactured, installed and maintained by Trueform, leading solar bus stop product and bus stop solar electronics system. Provides illumination of flag throughout the hours of darkness and the display case by simply pushing the illuminated solar push button.

Clients:

Many clients throughout the UK, USA and Canada

Product:

Solar Powered Bus Stop Information System

Specification:

- High Output PV Solar Array
- Bi-Pass Diodes
- Energy Management & Charge Regulator
- LED Flag Down Lights & Timetable Display
- Solar Lighting
- Solar Audio Announcement Option
- Solar Electronic RTI Display Option
- Both Front and Back Illuminated Option

Refer to 'Solar' section for further details

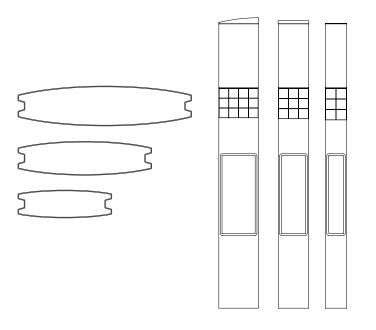






'E2' Bus Stop Ref: 2A 008

'E2' Bus Stop



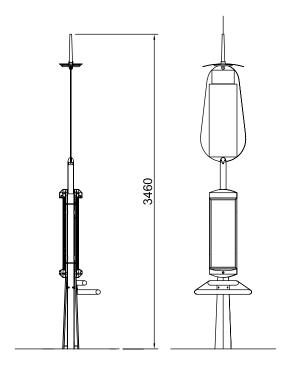


→ Looking for more detailed information?



Millenium Bus Stop Ref: 2A 009

Millenium Bus Stop





Info Totem Bus Stop Ref: 2A 010

Info Totem Bus Stop

The stylish Info Totem RTI bus stop information system provides a high quality platform for the marketing and promotion of bus services, offers simplicity in design, optimum passenger information, alongside flexible installation and serviceability.

The robust system embodies the latest design thinking for attractive, long lasting on street performance whilst providing the best in electronic, real time or scheduled bus arrival and departure information alongside high quality static information display.

Key Product Features

- Fitting of RTI Bus Shelter Displays
- Built in Sun Shade for easy viewing in all Weather
- High Quality Timetable Display Case in a wide range of display sizes
- Robust, Long lasting all weather materials
- Sound Structural Engineering
- Built-In Electrical Switch gear Enclosure
- Available in a wide range of attractive finishes with colours and bespoke graphics to suit corporate house styles
- Service Marketing & Branding Platform
- A wide range of foundation fixing methods are available to suit all site conditions





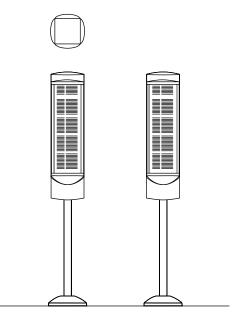


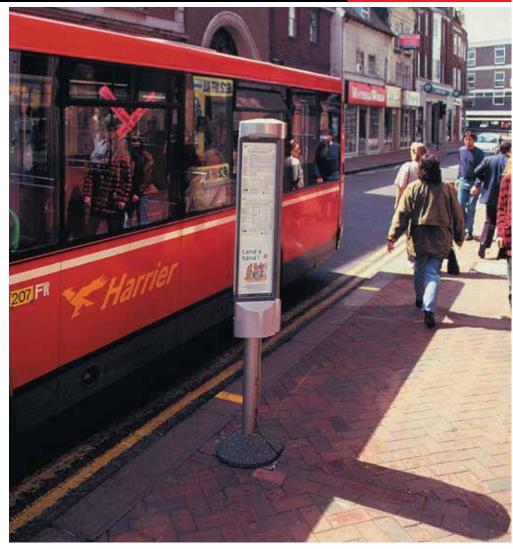




Bus Stop Info Drum Ref: 2A 011

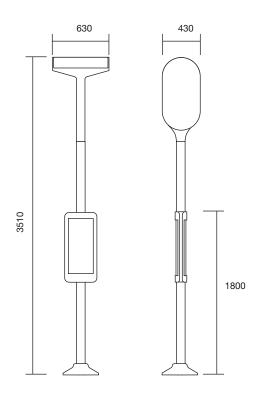
Bus Stop Info Drum





Solar Taxi Stop Ref: 2A 012

Solar Taxi Stop











Centro Set Down Flag Bus Stop









Centro Bus Stop Totem Ref: 2A 014

Centro Bus Stop Totem

Bespoke intelligent bus stop design installed throughout the City of Birmingham for Centro. Featuring latest innovation in electronic RTI passenger information display hardware, digital printed LED back illuminated wayfinding mapping and highly contemporary aesthetics.

Production design, product and electrical engineering, testing, manufacture, installation and commissioning by Trueform.









New York SBS Wayfinding Totems



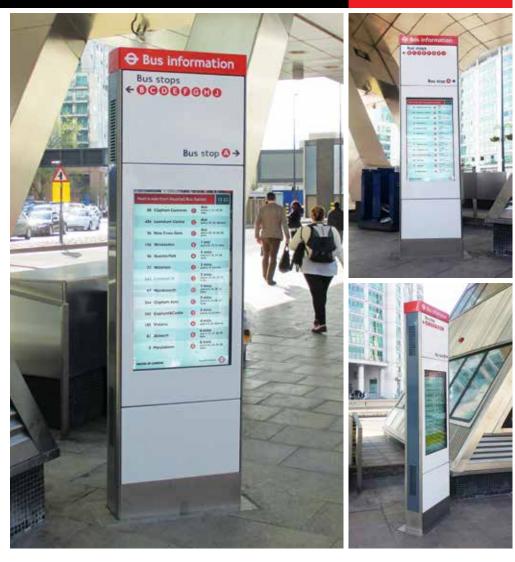
Bus Information Totem Ref: 2A 016

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Key features include a 42" portrait, sunlight readable, high brightness TFT product with 3G communications.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.



Ealing Broadway Bus Interchange Digital Totem

Available in a range of sizes and configurations, these elegantly designed interchange units have been specifically designed for high profile display of Bus information.

Features of the totem include:-

- High quality architecturally detailed product design
- 2 of 42" TFT, anti-reflective (sunlight readable) screens
- Wifi and 3G
- 2 of rear illuminated mapping glass panels





Electronic Bus Stops, RTI Flags & Touch Screens

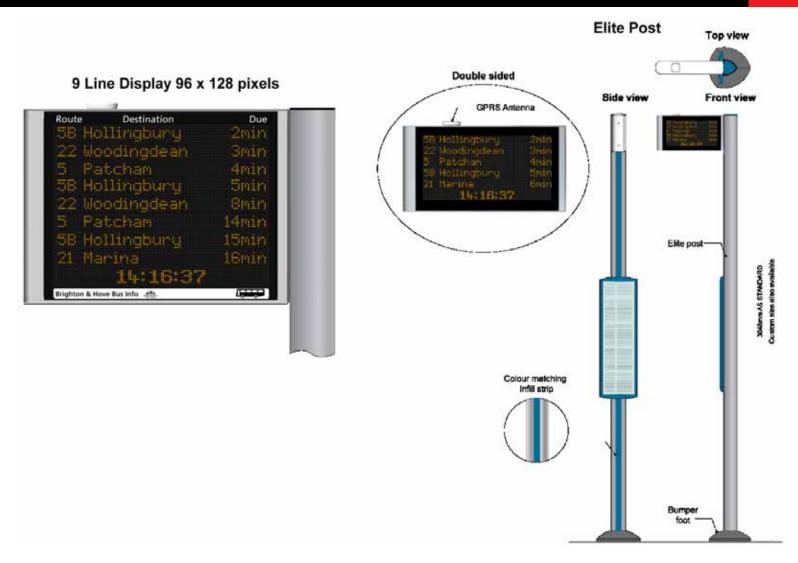
Electronic Bus Stops & Flags

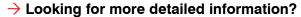






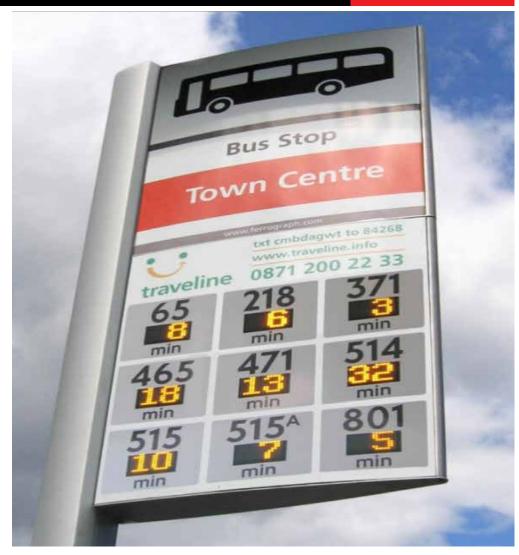








LED Flag Displays

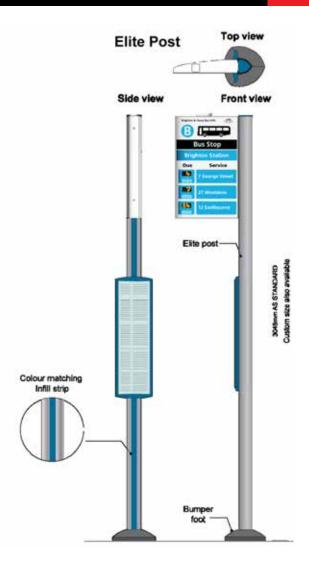






3 Service LED Countdown Flag Display









Solar & Low Power Displays







Electronic Timetables & Touch Screens

Please contact us for further details of our range of interactive bus stop displays.







E-Ink Bus Stop Display Ref: 2B 008.1

E-Ink Bus Stop Display

Please contact us for further details on our range of E-lnk bus stop displays, which are delivered in conjunction with our display partners.



Centro Set Down Flag Bus Stop









Centro Bus Stop Totem Ref: 2B 010

Centro Bus Stop Totem

Bespoke intelligent bus stop design installed throughout the City of Birmingham for Centro. Featuring latest innovation in electronic RTI passenger information display hardware, digital printed LED back illuminated wayfinding mapping and highly contemporary aesthetics.

Production design, product and electrical engineering, testing, manufacture, installation and commissioning by Trueform.









New York SBS Wayfinding Totems



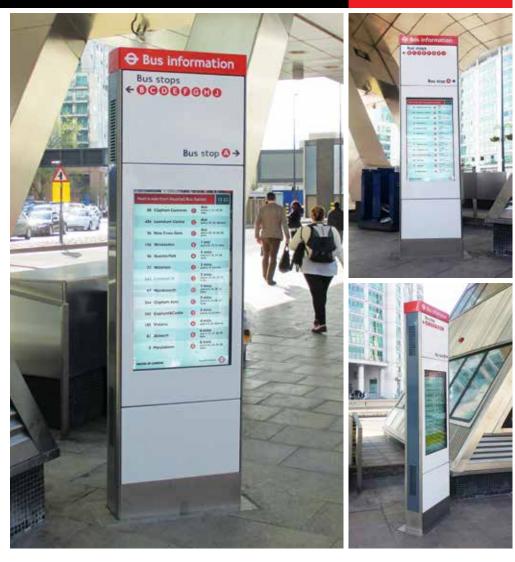
Bus Information Totem Ref: 2B 012

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Key features include a 42" portrait, sunlight readable, high brightness TFT product with 3G communications.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.



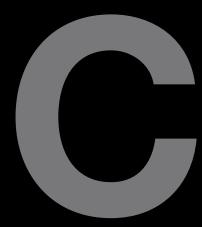
Ealing Broadway Bus Interchange Digital Totem

Available in a range of sizes and configurations, these elegantly designed interchange units have been specifically designed for high profile display of Bus information.

Features of the totem include:-

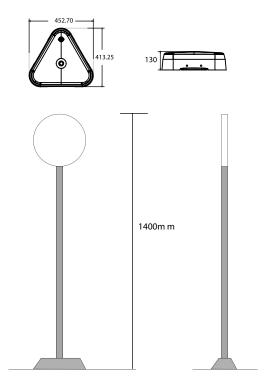
- High quality architecturally detailed product design
- 2 of 42" TFT, anti-reflective (sunlight readable) screens
- Wifi and 3G
- 2 of rear illuminated mapping glass panels





Temporary Bus Stops

Classic Temporary Bus Stop





Halo Temporary Bus Stop





Bus Stop Accessories

Conventional Bus Stop Poles & Accessories

Trueform provide a range of conventional bus stop and traffic sign poles and accessories, including:-

Bus Stop & Traffic Sign Posts Sizes:

60mm, 76mm, 90mm & 100mm diameter

Materials:

Aluminium Alloy, Steel, Stainless Steel

Anodised, Galvanised, Powder Coated & Plastic Coated

Other Items

Post Caps, Fixings, Metal Strapping, Flags & Flag Brackets Please contact us for full details of the available range.





Bus Stop Flag Graphics Ref: 2D 002

Bus Stop Flag Graphics

Trueform's in house graphics, design and production department produces bespoke bus stop flag graphics to suit all customer requirements.

Service Include

Digital Thermal Image Printing Die Cut Vinyl Silk Screen Printing

Long Lasting Performance

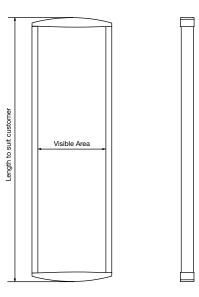
Trueform use long lasting, UV stable inks and vinyl's for long term on street performance.

Retro Reflective Graphics

Flags can also be provided with retro-reflective graphics for high night time visibility.



Elite Bottom Opening Timetable Case





Double & Triple Timetable Connector Brackets (Spines)

Trueform provide a range of timetable connector bracket spines for attaching double and triple timetables to bus stop posts.

A full range of sizes and colours are available in a range of materials to suit all posts types, including:-

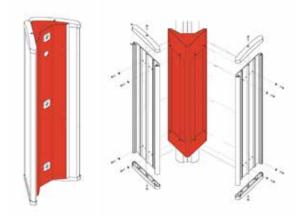
Can be Fitted to the Following Bus Stop Post Types:

Elite Bus Stop Post Slimline Bus Stop Post 76mm Round Posts Custom posts (any shape or size)

Features

Fully Enclosed Design Attractive & Ultra High Strength No gaps for litter to accumulate No gaps for bombs to be hidden UK Police Force approved

Please contact us for full details of the available range.









Double & Triple Timetable Connector **Brackets**

Trueform provide a range of timetable connector brackets for attaching double and triple timetables to bus stop posts.

A full range of sizes and colours are available in a range of materials to suit all posts types, including:-

Can be Fitted to the Following Bus Stop Post Types:

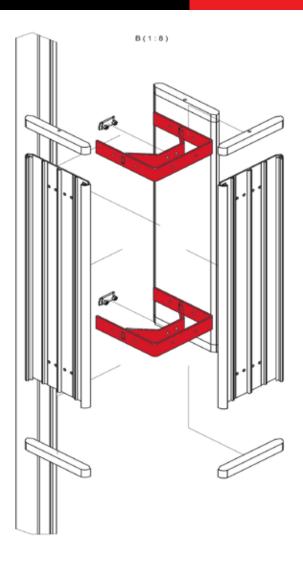
Elite Bus Stop Post Slimline Bus Stop Post 76mm Round Posts Custom posts (any shape or size)

Features

Robust Range of sizes & colours available

Open Bracket Design

Please contact us for full details of the available range.

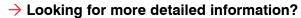






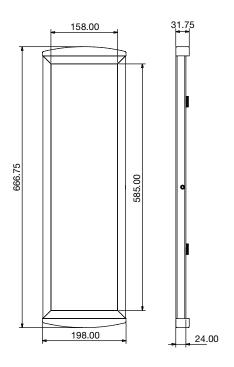
PTE Side Hinge Timetable Case







Elite Side Hinged (Winnipeg) Timetable Case







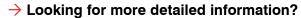


Solar Bus Stops Ref: 2D 008

Solar Bus Stops

Please refer to solar section for details on Trueform's solar systems.







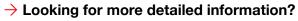


Section 03



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Product Name	Reference	Product Name	Reference	Product Name	Reference
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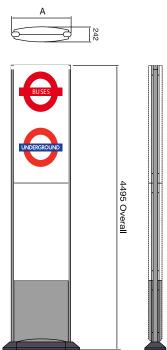
Product Name	Reference
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DQRU	3C 033
Digital Totem	3C 034
Access Gantry Signs	3C 035
Section D - Advertising Displays	
Digital 6 Sheet Advertising Displays	3D 001
6 Sheet Double Sided Displays Type B	3D 002
6 Sheet Display - Type A Single or Double Sided	3D 003
Metrolink 6 Sheet Display Single or Double Sided	3D 004
MK3 6 Sheet Display - Single & Double sided	3D 005
Adspace 6 Sheet Single Sided Edge Lit	3D 006
Adspace 6 Sheet Double Sided Edge Lit	3D 007
Digital 'Dynamic' 6 Sheet Display	3D 008
Landmark London 6 Sheet Advertising	3D 009



Station Identifiers & Totems

Type 1 - Double Sided Ref: 3A 001

Type 1 - Double Sided



Available Sizes

Type A
Interchange 000
Standard 000

Totem shown with Optional DRU Display







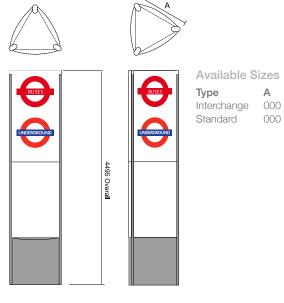




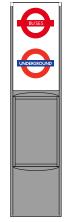
Type 2 - Triple Sided Ref: 3A 002

Type 2 - Triple Sided

- Larger or Small Width
- With/Without DRU Display Case
- Internally Illuminated LED Roundel
- Digital Clock















000

Type 3 - Quad Ref: 3A 003

Type 3 - Quad

- Larger or Small Width
- With/Without DRU Display Case
- Internally Illuminated LED Roundel
- Digital Clock







Available Sizes Type Interchange 000

Standard

000



Totem shown with Optional DRU Display







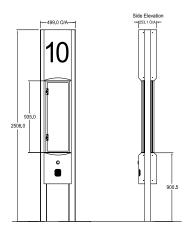




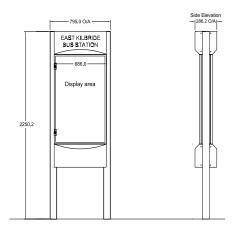
EKBS Totem Ref: 3A 004

EKBS Totem





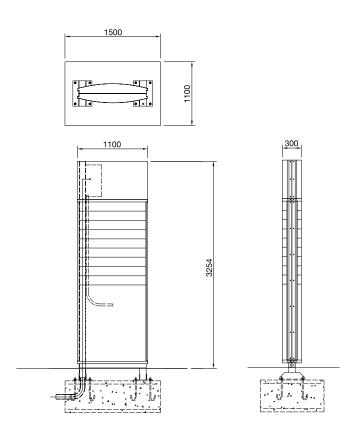






Fife Totem Ref: 3A 005

Fife Totem





Community Totem Ref: 3A 006

Community Totem



Resort Totem Ref: 3A 007

Resort Totem



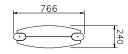
Elite Totems - Winnipeg Ref: 3A 008

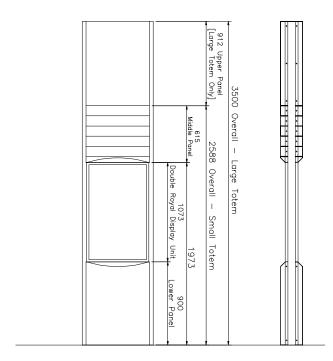
Elite Totems - Winnipeg



Burnley Totem Ref: 3A 009

Burnley Totem







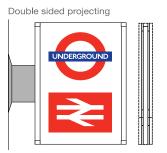




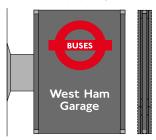


Station & Interchange Totems Wall Mounted Cantilever

- Wide range of available configurations:
- Internally Illuminated LED Roundels
- Range of custom graphics & roundels



Buses specific Double sided projecting



Single sided wall mounted



Buses specific Single sided wall mounted









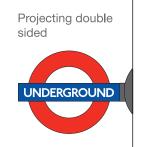


Javelin / Centurian Roundels Cantilever

- Wall Mounted
- Internally illuminated options also available
- Fully manufactured in house

Projecting with Javelin double sided

















Wall Mounted Flat Roundels Ref: 3A 012

Wall Mounted Flat Roundels

- Wall Mounted
- Internally illuminated options also available







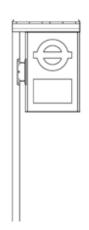
Freestanding Roundels Type A - Solar Powered

- Wall Mounted
- Internally illuminated options also available
- Fully manufactured in house

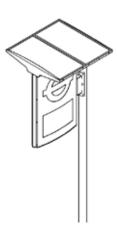


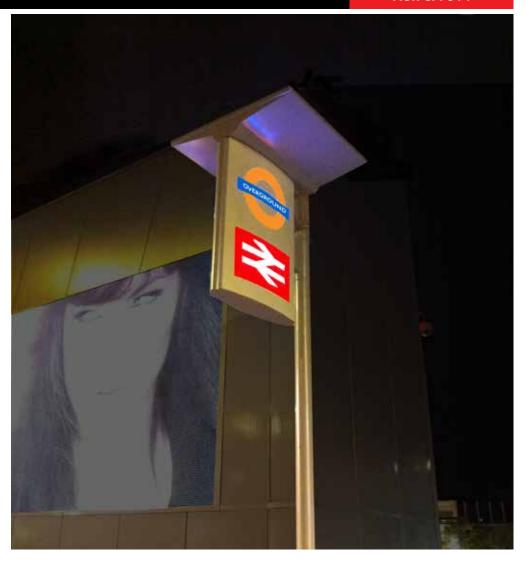
Freestanding Roundels Type B - Solar Powered

- Wall Mounted & Freestanding Options
- Internally illuminated options also available
- Fully manufactured in house









Freestanding Roundels Type C

Internally illuminated & solar options also available.



Legible London Interchange Totem

Option A



Option B showing different transport modes







UNDERGROUND

Paddington





Metro Totem Ref: 3A 017

Metro Totem









Signage Graphics & Wayfinding Signage Systems

Local Signage Ref: 3B 001

Local Signage



Bus Stopping Points Ref: 3B 002

Bus Stopping Points



Wayfinding Fingerpost Ref: 3B 003

Wayfinding Fingerpost

High quality passenger and pedestrian wayfinding signage system. Adaptable to display a large number of individual finger slate in a clear and concise format.

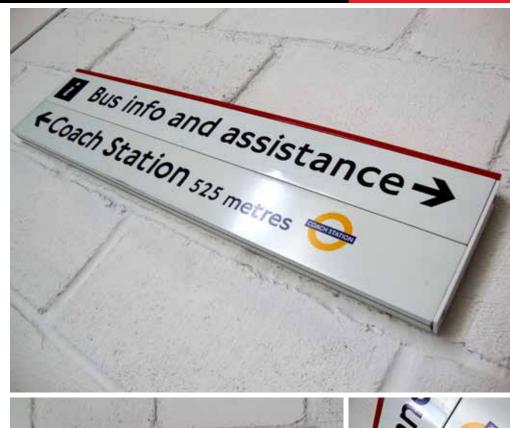
Easy upgrading and ongoing maintenance.

Available in the following materials / finishes:-

- Brushed Stainless Steel
- Shot Peened Stainless Steel
- Powder Coated Any RAL Colour



Wall Mounted Directional Slat Sign System







Lettering & Facade Signage Ref: 3B 005

Lettering & Facade Signage

Trueform provide a range of illuminated and non-illuminated lettering in a full range of font styles and sizes.







Legible London Wayfinding Signage - Liths





Legible London Microlith with Solar Illuminated Halo









Legible London Interchange Totem

Option A



Option B showing different transport modes









UNDERGROUND

Paddington





Ipswich Wayfinding Totems Ref: 3B 006.2

Ipswich Wayfinding Totems

Available in a range of sizes with vitreous enamel or back printed glass mapping and directional graphics.









Legible Leeds Wayfinding Totems

Available in a range of sizes with vitreous enamel or back printed glass mapping and directional graphics.









Southampton Legible City Wayfinding Totems

Available in a range of sizes with vitreous enamel or back printed glass mapping and directional graphics.





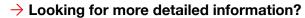


Centro Area Navigation Totem Ref: 3B 006.5

Centro Area Navigation Totem

Available in a range of sizes with vitreous enamel or back printed glass mapping and directional graphics.



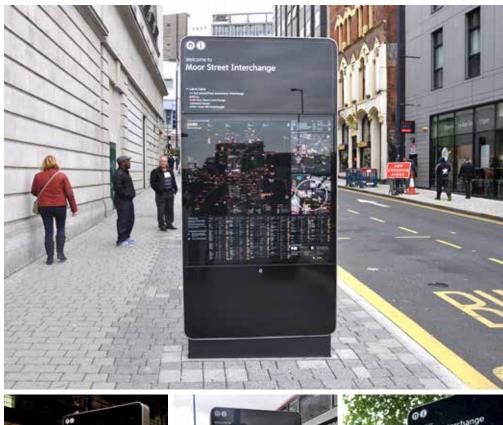




Centro Interchange Totem Ref: 3B 006.6

Centro Interchange Totem

Available in a range of sizes with vitreous enamel or back printed glass mapping and directional graphics.









Centro Bus Stop Totem Ref: 3B 006.7

Centro Bus Stop Totem



Peterborough Wayfinding Totems









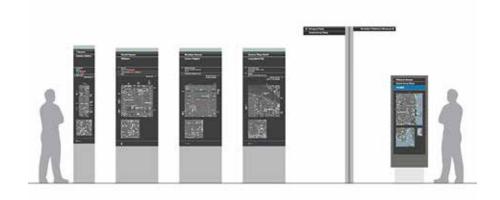
Peterborough Interactive Wayfinding Totems







New York Wayfinding Totems













New York SBS Wayfinding Totems







Portsmouth Totems Ref: 3B 006.11

Portsmouth Totems









Elixir Wayfinding Totem Ref: 3B 006.12

Elixir Wayfinding Totem

The Elixir Totem is part of Trueform's extensive wayfinding range developed to suit any city.

Features of this Elixir wayfinding signage system includes modulisation, robustness, lighting and solar power options, methods of displaying the mapping information and compatability with potential new communications technology.





Color Color



Virtue Wayfinding Totem Ref: 3B 006.13

Virtue Wayfinding Totem

The Virtue wayfinding range encourages walking and transit usage by providing consistent information across a broad range of environments.

The Virtue totem is part of a new bespoke pedestrian wayfinding range featuring a unique aperture feature which creates a striking landmark in any city. Other optional features include back lit illumination, solar power options and the ability to incorporate many intelligent transport devices.









Toronto Wayfinding Totem Ref: 3B 006.14

Toronto Wayfinding Totem









Surrey Wayfinding Totem Ref: 3B 006.15

Surrey Wayfinding Totem

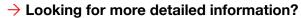


Mansfield Wayfinding Totem









Color of the colo



Manchester University (MMU) Wayfinding Totems









Manchester University (MMU) Wayfinding Info Boards







Kings Cross Digital Wayfinder





Aberdeen Digital Wayfinder Ref: 3B 006.19

Aberdeen Wayfinding Totem



Merchant Square Wayfinding Totems



York Wayfinding Totems Ref: 3B 006.21

York Wayfinding Totems



Leicester Wayfinding Signage



TfGM Manchester Wayfinding Totems







University of Manchester Campus Signage



University of Ireland Galway Wayfinding Totems



Dundee Wayfinding Totems Ref: 3B 006.26

Dundee Wayfinding Totems



Hong Kong Wayfinding Totems







Luton Airport Wayfinding Signage and Totems









Luton Cemetery Wayfinding Signage











Croxley Business Park Signage









New York Road Runner - Mile Markers

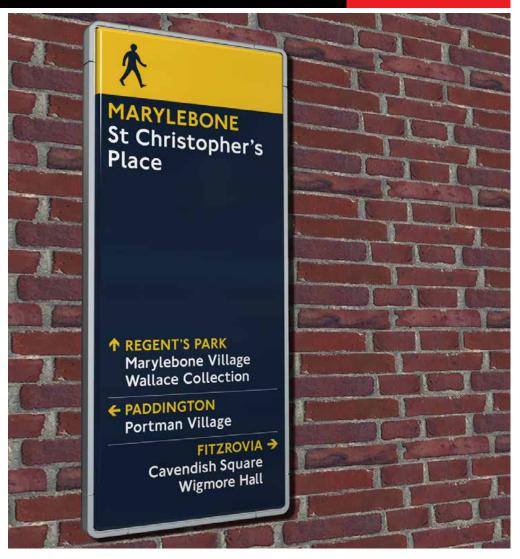




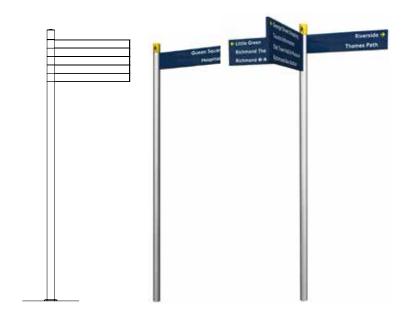
Cycle Super Highway Totems

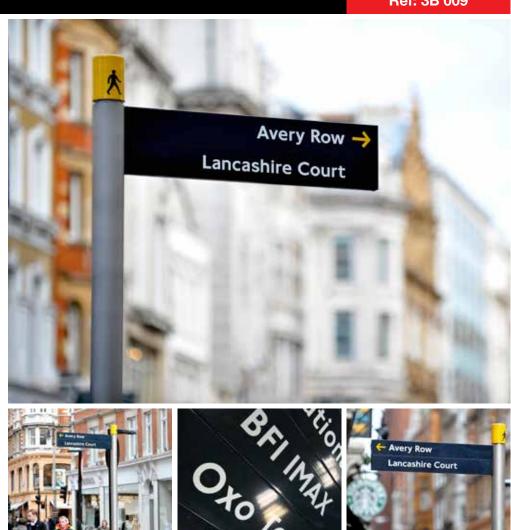


Legible London Wayfinding Signage - Wall Mounted



Legible London Wayfinding Signage - Finger Posts





Ipswich Wayfinding

- Finger Posts



Southampton Legible City

- Finger Posts



Legible London Wayfinding Signage

- Centre Mounted Finger Post



Peterborough Wayfinding

- Finger Posts

Available in a range of sizes with anodised aluminium and engraved directional graphics.



Legible London Lamp Column Finger Signs





Canary Wharf Wayfinding Systems









Specialist Signage Graphics & Mapping Production

Trueform provide all printed glass and vitreous enamel signage and directional mapping panels for interior and exterior wayfinding signage and cycle hire schemes, including:-

- TfL Legible London Project
- Cycle Super Highways Project
- London Cycle Hire Scheme,
- Many others throughout UK, USA & Canada



Vitreous Enamel Wayfinding Signage Graphics Production

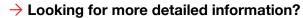
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- TfL Legible London Project
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- London Cycle Hire Scheme,
- Many others throughout UK, USA & Canada



Wayfinding Signage - Airports





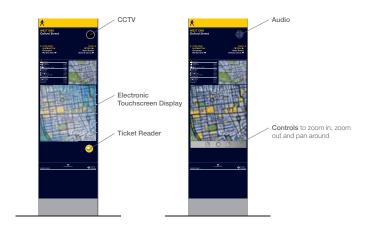
Interactive Wayfinding Ref: 3B 014

Interactive Wayfinding

Trueform provide a wide range of interactive and non-interactive digital display wayfinding products in a variety of designs to suit individual customer requirements.

Successfully installed in many locations, Trueform provide the entire product - an end to end solution. Products and services include external kiosk structure, associated graphics, signage and branding, all internal electronic hardware, daylight readable displays, internal PC's and full impact resistant display screens. All products are fully ingress protected from the elements, utilise thermal control engineering dynamics and are fully tested and approved for external on street use.

Trueform also provide a full content management design and/or take digital data feeds from third party supplied and systems integrators.











Airport Monoliths Ref: 3B 014.1

Airport Monoliths

Available in a range of sizes and configurations, these elegantly designed monolith units have been specifically designed for high profile display of flight information, arrival and departures and wayfinding map utilising Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.









Bus Information Totem Ref: 3B 014.2

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.



Ealing Broadway Bus Passenger Interchange Digital Totem

Available in a range of sizes and configurations, these elegantly designed interchange units have been specifically designed for high profile display of Bus information.

Features of the totem include:-

- High quality architecturally detailed product design
- 2 of 42" TFT, anti-reflective (sunlight readable) screens
- Wifi and 3G
- 2 of rear illuminated mapping glass panels



Smart Media Hub Ref: 3B 014.4

Smart Media Hub

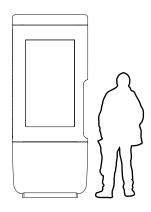
The next generation of urban infrastructure, creating dynamic and intelligent streetscapes.

Trueform builds ultra-connected, highly intelligent, SmartCity streetscape infrastructure networks for city streets, public transport and public spaces.

Our network of people centred, smart, sustainable Info Hub Kiosks incorporate the latest digital display and communication technologies, enabling the smarter, greener and more efficient movement of data, information, communications media and people around the World.

We design, manufacture and deploy interactive digital kiosks, which incorporate pioneering digital display, communication and technology solutions, to provide a network of user info hubs - thus providing a hyper-connected streetscape.

Working together, these kiosks provide powerful, media rich communication hubs which transform cities, communities and businesses.









Cycle Superhighway Counter

Ref: 3B 014.5

Cycle Superhighway Counter

Trueform are proud to have developed a Smart Digital Cycle Totem to monitor cycle flow for TfL's Cycle Superhighway Scheme.

The counters feature the very latest low-power LED technology and, when linked to piezoelectric sensor systems, provide real-time updates of cycling usage. The counters displays information in the form of daily and cumulative counts of cyclists, a smart way to promote other forms of travelling in cities and to encourage a healthier lifestyle.

TfL, Trueform and Will Norman, Mayor of London Walking & Cycling Commissioner, launched the first totems in Embankment and Blackfriars. With over 350 cyclist recorded within the first hour of going live. This demonstrates the investment that is being put into walking & cycling is beneficial to achieving active travel, reducing levels of vehicular congestion and pollution.







Waltham Forest Cycle Counter

Trueform's pioneering technology division, 'Trueform Digital', continues to drive the Intelligent Mobility revolution globally with further technological advances to its range of ultra-intelligent transport and wayfinding products.

Trueform developed a Smart Cycle Counters which was part of mini-Holland project with four cycle counters being installed in Waltham Forest with the option to roll out and connect with other smart city devices across London.

The smart digital information kiosks feature the very latest low-power LED technology and, when linked to piezo-electric sensor systems, provide real-time updates of cycling and walking usage. The kiosks displays information in the form of daily and cumulative counts of cyclists and pedestrians, a smart way to promote other forms of travelling in cities and to encourage a healthier lifestyle.

Digital information kiosks help to promote active travel leading to an increase in cycling and walking catchment of an urban area. This has benefits in terms of safety, as even greater numbers of people travel without their vehicles. It can also aid the local economy, as those who were previously put off by congestion or the lack of a vehicle are encouraged to travel into an urban area from farther afield.



Forth Road Bridge Cycle Counter

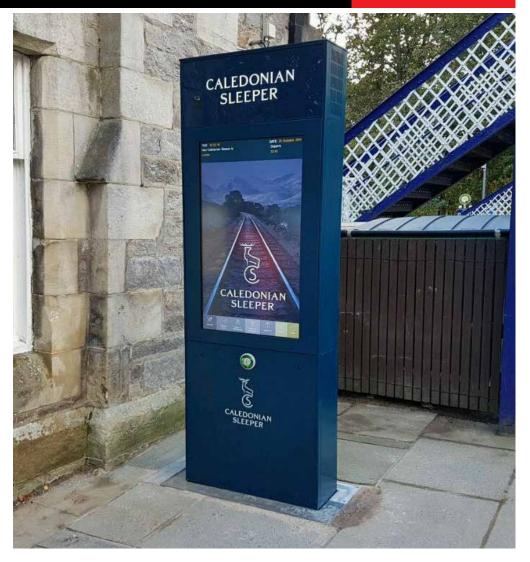


Norway Cycle Counter Ref: 3B 014.8

Norway Cycle Counter



Digital Interactive Smart Rail Kiosks



New York Subway - Digital Totems

Trueform's US division has manufactured digital totems for the New York subway. The new totem kiosks incorporate full outdoor digital screens with local maps, train times and flexibility to display a range of content.



Westfield White City Digital Advertising Pods

Westfield London Awards Major Digital Interactive Advertising Display Contract to Trueform.

Trueform has deployed over 170 interactive digital advertising display screens & pods throughout Westfield's flagship London shopping centre at White City

Comprising of 75" digital displays in iconically designed pod housings, the new digital displays form an important part of Westfield's £600 million retail expansion that was launched in March 2018. The extension consolidates Westfield London's position as a world-leading retail and entertainment destination, featuring the best in fashion, dining, leisure, events, services and technology with the customer experience at the heart.

With over 40 years of experience in the design, manufacture and deployment of interior and exterior digital displays and advanced digital display technologies, Trueform have successfully delivered over 50,000 units to premium retail, leisure and transportation locations throughout the World.









Westfield White City Interactive Digital Touchscreen Advertising Displays with Wayfinding Signage

Westfield London Awards Major Digital Interactive Advertising Display Contract to Trueform.

Trueform has deployed over 170 interactive digital advertising display screens & pods throughout Westfield's flagship London shopping centre at White City

Comprising a range of 49" and 55" digital displays in iconically designed pod housings, the new digital displays form an important part of Westfield's £600 million retail expansion that was launched in March 2018. The extension consolidates Westfield London's position as a world-leading retail and entertainment destination, featuring the best in fashion, dining, leisure, events, services and technology with the customer experience at the heart.

With over 40 years of experience in the design, manufacture and deployment of interior and exterior digital displays and advanced digital display technologies, Trueform have successfully delivered over 50,000 units to premium retail, leisure and transportation locations throughout the World.







Westfield White City Digital Totems - John Lewis

Trueform have manufactured and installed bespoke 3 sided digital interactive advertising display totems to mark the opening of John Lewis's 50th store at Westfield London.







Westfield White City Digital Interactive Pedestals

Trueform have manufactured and installed these beautiful double sided digital interactive information lecterns in Westfield's flagship London shopping centre.

These pedestals are perfect additions to the other 150+ digital advertising pods that Trueform has deployed throughout Westfield's shopping centres, providing detailed information of all shops, cafes, restaurant, and general information with interactive mapping showing the user exactly where they need to go.



Westfield Stratford 75" Digital Advertising Pods







Pikasso 75" Digital Advertising Pods

Pikasso, the leading Out-Of-Home advertising company throughout the Levant, North Africa and West Africa has awarded Trueform Digital a major contract provide state of the art digital advertising display totems at its iconic shopping centre locations.

Pikasso is the first OOH operator in Lebanon, Jordan, Iraq, Algeria, Tunisia and Mali, with more than 13,000 advertising faces, 210 digital screens, and 53 exclusive concessions across 367 cities in 8 countries.







Crawley BID 75" Digital Totems

Trueform have manufactured and installed large digital advertising and information screens in Manor Royal Business Improvement District (BID), Crawley, to help promote local trade and build an even stronger business community.

The project is the latest initiative delivered by the BID to improve infrastructure on the popular business location in Crawley, West Sussex.

With over 600 companies and 30,000 employees located in this area, more than 24 million vehicles pass through or visit the business district each year, in addition to those who walk or cycle to the area. Thanks to the Manor Royal BID, there is now an opportunity for businesses to advertise their products and services to all these people passing by.

Additionally, the BID and its partners will use the signs to communicate important community messages relating to transport, safety and other issues relevant to daily life in Manor Royal.







Alight Media Bournemouth Digital Totems







Future Cities Catapult - Birmingham Digital Totems

Trueform was appointed by Future Cities Catapult as a suitably experienced and capable supplier, to design, manufacture and install a technology totem 'Teto'.

The technology totem 'Teto' is a mobile lab, it contains a selection of sensing hardware, an e-paper 32" display and facility to harness renewable energy in the form of solar. The totem measures the environments, and engages with the public via dynamic on-screen content through wireless connectivity.

The first totem was installed in London and the second totem in Birmingham, built on a redundant loading bay within a parklet creating green urban environment.

The 6 month trial of 'Teto' is to monitor footfall, dwell time and how technology can be used to improve business. The area was monitored before parklet was installed and will be monitored during the trial to see how people react to the new open space. The sensoring equipment built into the totem includes thermal imagery, air pollution, pedestrian & cycle counting, vibration levels, proximity sensor, voice activation and interacts with the public to offer an insight into the past, present and future of the surrounding area, giving them the option to vote for future plans within the city.

The opening of the parklet took place on 5th October and was well attended and generated a lot of interest from members of the public and was also featured on BBC midlands news.





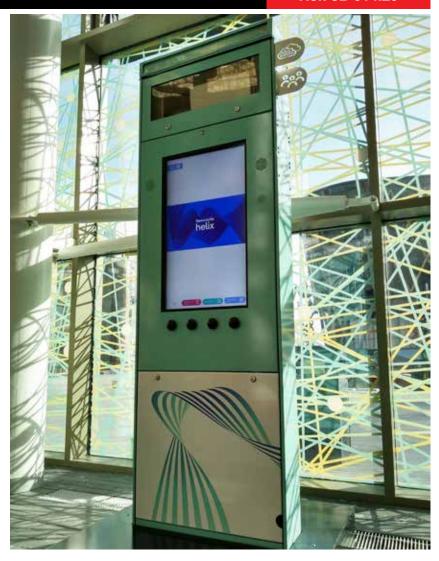
Future Cities Catapult - Newcastle Digital Totems

The first of multiple SMART Technology Totems has been installed at Newcastle University's Urban Observatory with the remainder to be imminently rolled out within Newcastle City Centre.

Each technology totem is weatherproofed, secure and rugged for long term deployment in a busy outdoor city environment. The totems are provided with software to allow content and applications to be loaded remotely (online) on to the screen, enable remote and local interaction, enable control of all hardware remotely including lighting and diagnostics monitoring for hardware and software faults.

Features of the technology totems include a 32" colour touch screen connected to a PC with internet connectivity over 4G. Dual speakers, a microphone & audio amplifier, NFC reader, external LED lighting, smart sensors and buttons for interaction.

Trueform have provided the largest and most successful public transport authorities in the World with their supporting infrastructure and systems, across all transport modes, we enable transport departments in these cities to develop, implement and run 21st Century public transport systems.



Southend-on-Sea Digital Totems



Coal Drops Yard - King's Cross Digital Totems

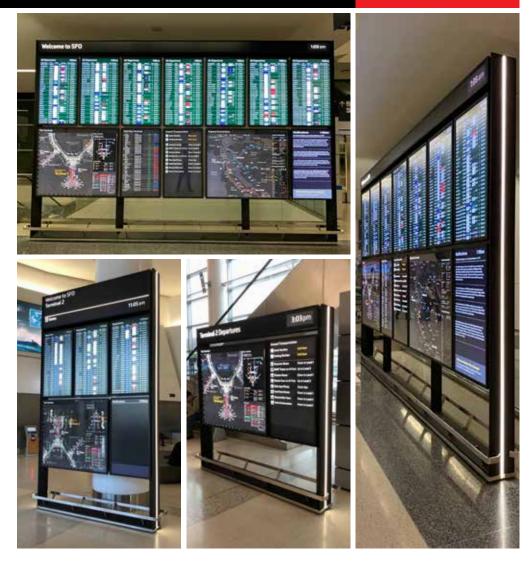


Manchester Digital Cycle Counter

These Transport for Greater Manchester digital cycle counters are part of the Beelines project along the new walking and cycling routes in the city centre.



San Francisco Airport Digital Screens



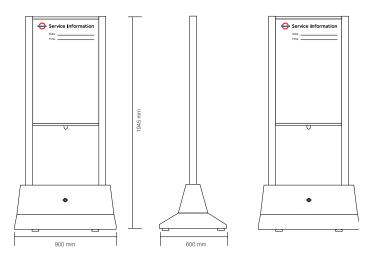
Legible London Pedestrian Wayfinding

- Wall Mounted Slats



Service Information Board - LUL

Vitreous enamel both sides with Poster Clips





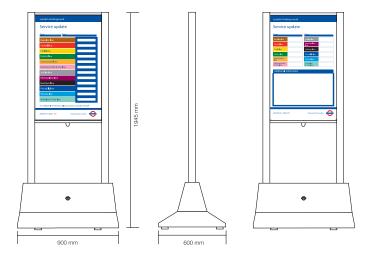




Service Update Board - LUL Ref: 3B 017

Service Update Board - LUL

Vitreous enamel with magnetic labels

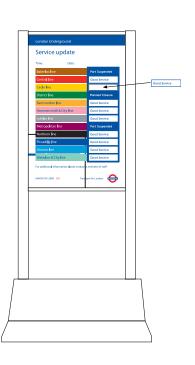




Magnetic Graphic Labels for Service Update Boards

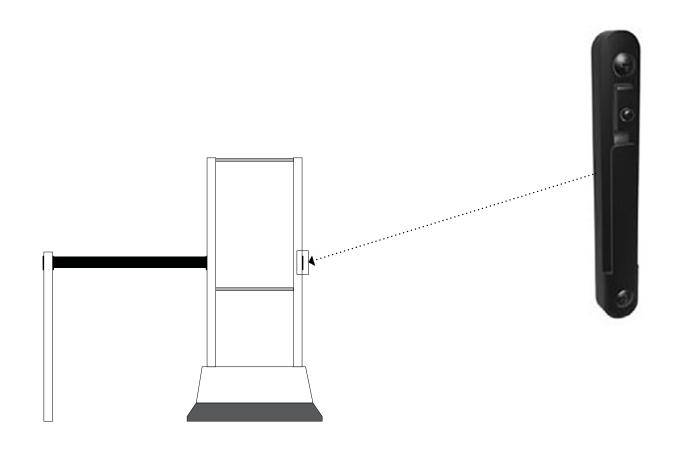
Magnetic service update labels Custom made with any graphic / message







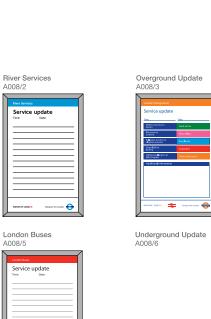
Tensonator Barrier Clips for Service Information Board



Service Information / Update Board Wall Mounted - Various TfL Divisions

- Wall Mounted Service Information & Update Boards
- DRU Size
- Vitreous Enamel

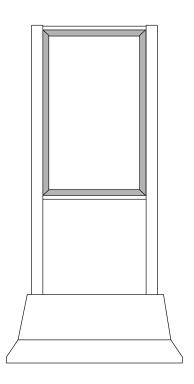






Service Information Board & TfL New Style DRU Display Frame

• With TFL Publicity Frame fitted - single or double sided





Digital Promotional Display Unit

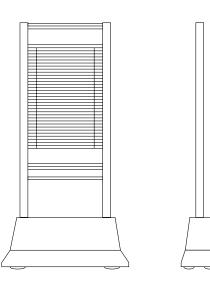
Freestanding digital display screen with built-in pc and graphics driver, used for promotion and customer information.

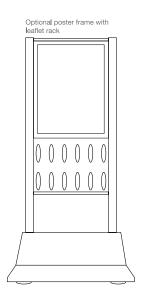




Service Information Board HEX & GEX - Type A

Heathrow & Gatwick Express Service Information Board Spandex slats signage system







Vinyl Signage Ref: 3B 024

Vinyl Signage

Digitally-printed, self-adhesive PVC vinyl signs are particularly useful for providing effective signage in temporary situations and environments.



Tramlink Signage Systems Ref: 3B 025

Tramlink Signage Systems







NET2 Platform Signage Ref: 3B 025.1

NET 2 Platform Signage







Finger Post Signage Ref: 3B 026

Finger Post Signage

Information wayfinding finger posts provide customers with directions and descriptions of station amenities and local features in both written and pictogram form.

Truefrom provide a range of designs to suit all requirements.



Vitreous Enamel Station & Platform Signage









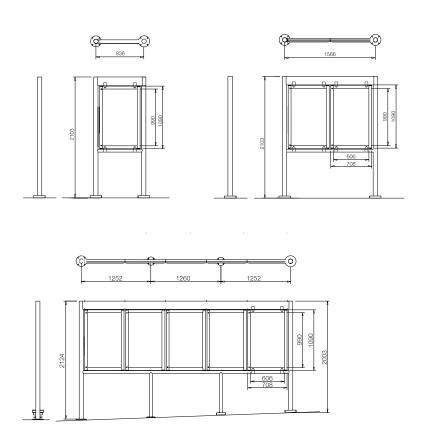
NET2 Ticket Machine Totems Ref: 3B 028

NET2 Ticket Machine Totems



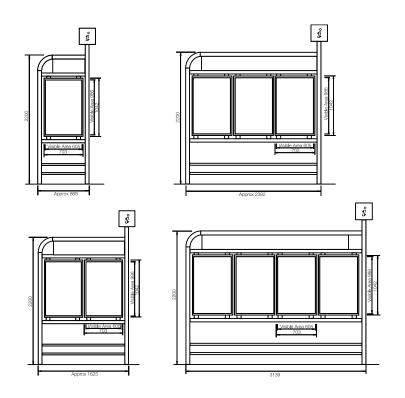
Display Cases

Southend Freestanding Display





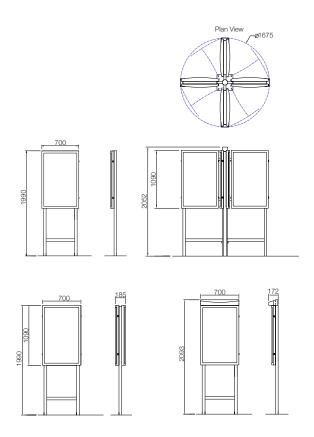
Metro Freestanding Display





Fife Freestanding Display Ref: 3C 003

Fife Freestanding Display





Horsham Freestanding Display

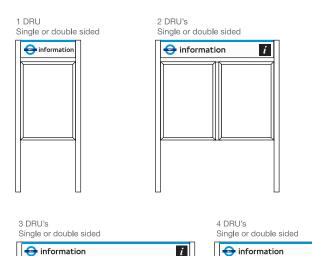


Mall Illuminated Totem Ref: 3C 005

Mall Illuminated Totem



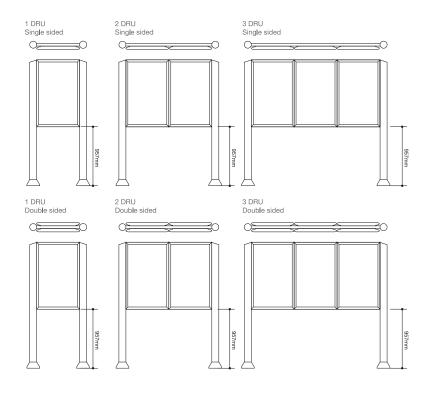
Freestanding Displays - Rivers

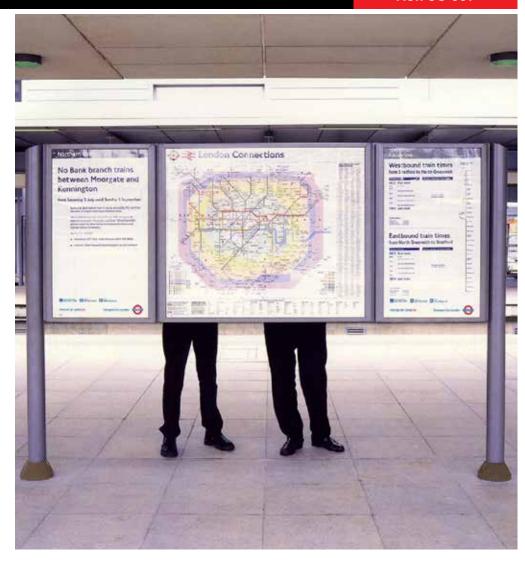




Millenium TfL Freestanding Displays

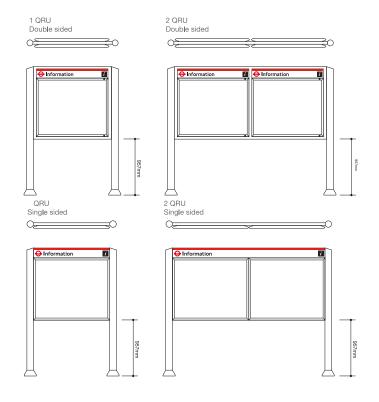
Please ask for full range of sizes & configurations





Millenium TfL Freestanding Displays with Graphics Header Panel - QRU's

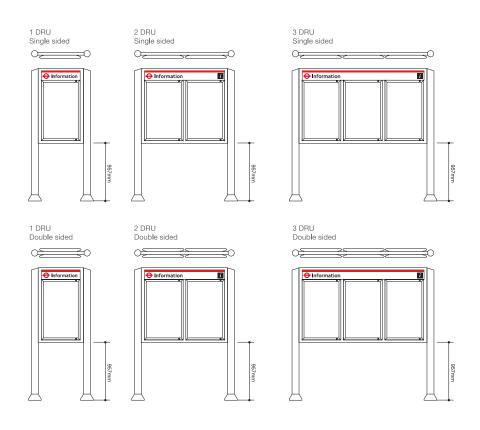
Please ask for full range of sizes & configurations





Millenium TfL Freestanding Displays with Graphics Header Panel - DRU's

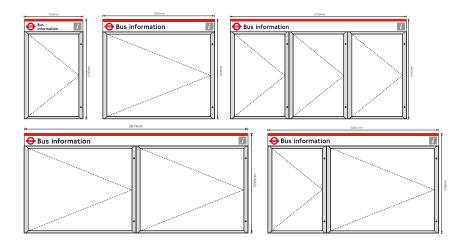
Please ask for full range of sizes & configurations





Recessed Publicity Display Arrangements

Display cases & graphic header units can be supplied in a recessed frame for flush mounting into station wall cladding.

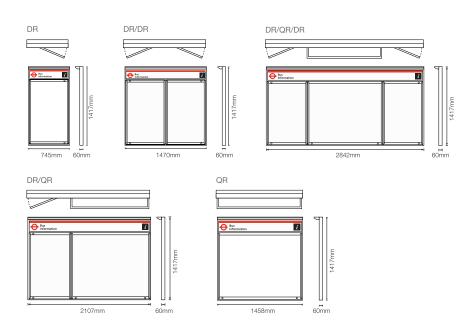




Wall Mounted TfL Centurian Displays

Incorporating:-

- External frame surround
- Graphics header panel
- Top and bottom decorative feature



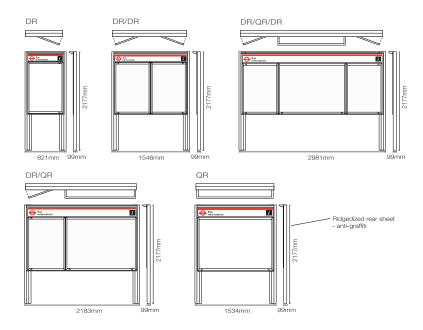


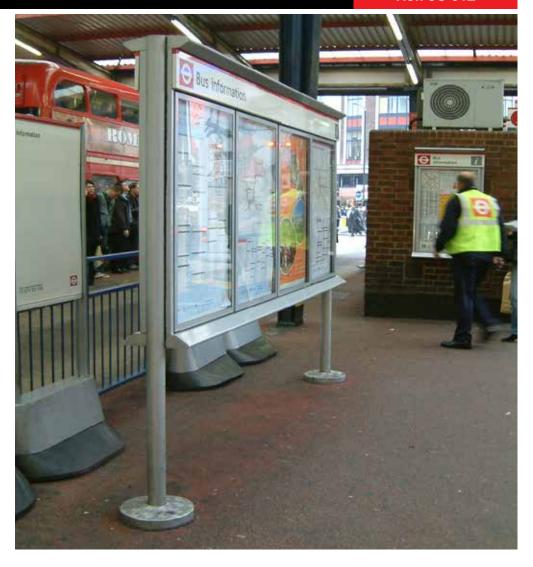
Freestanding TfL Centurian Displays

Incorporating:-

- External frame surround
- Graphics header panel
- Top and bottom decorative feature
- Single and double sided configurations

Ask for full range of sizes and configurations

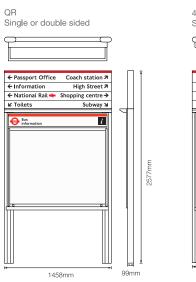


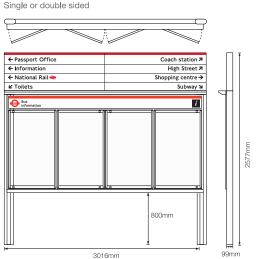


Centurian Wayfinding Ref: 3C 013

Centurian Wayfinding

Optional wayfinding graphics panels for wall mounted and freestanding TfL Centurian displays.

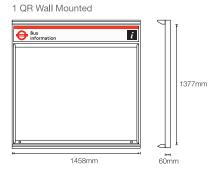




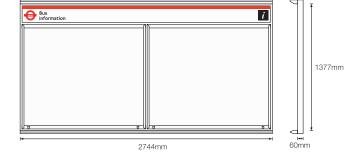


G004 - Freestanding Displays

QR Wall Mounted









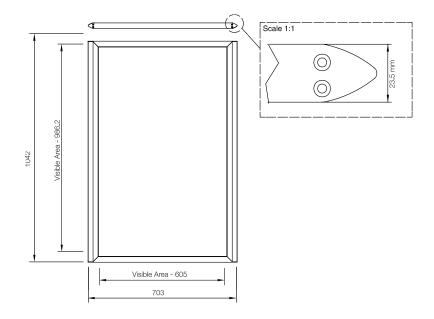
Derby Freestanding Info Displays

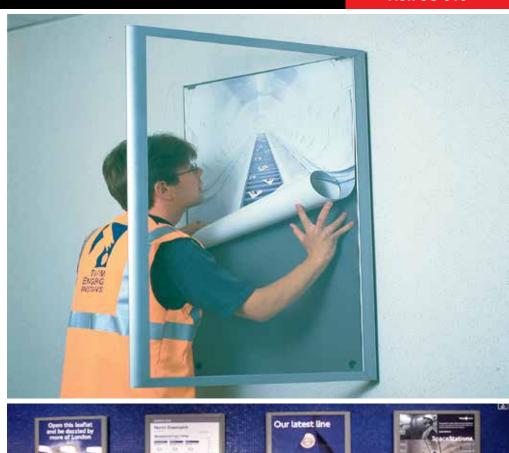


TfL Publicity Frames - DRU Ref: 3C 016

TfL Publicity Frames - DRU

- DRU Size (MK 3 Design)
- Available in all TfL colours

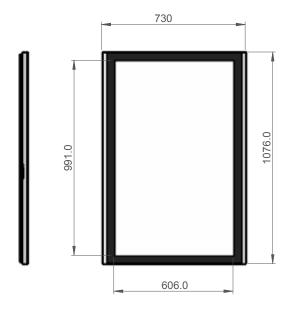


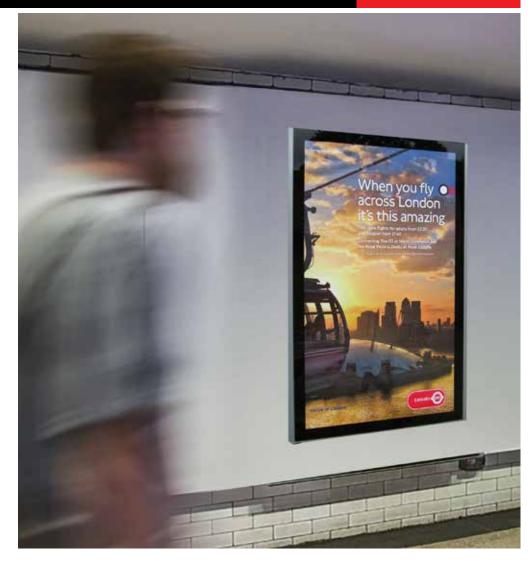




TfL Publicity Frames - DRU - MK4

- DRU Size (MK 4 Design)
- Available in all TfL colours





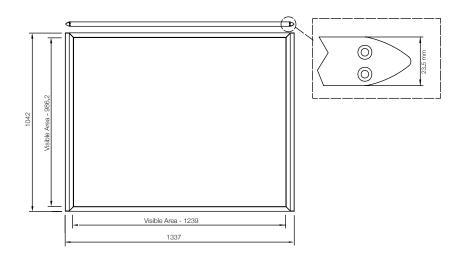
TfL Publicity Frames - QRU Ref: 3C 017

TfL Publicity Frames - QRU

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.



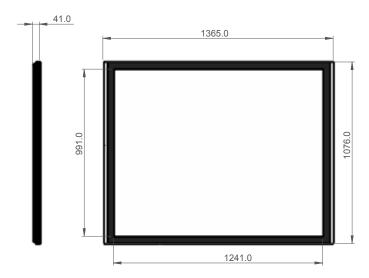


TfL Publicity Frames - QRU - MK4

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.





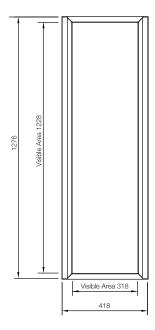
Fares List Ref: 3C 018

Fares List

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.



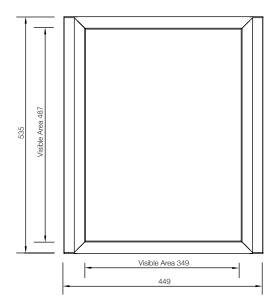


Single Crown Performance Check

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.





Wall Mounted DRU & QRU Displays

- Derby Bus Station





QBC Bus Stop Displays Ref: 3C 021

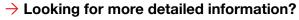
QBC Bus Stop Displays

High quality post and wall mounted display case, design available in a range of sizes and in single, double and triple configurations.

Illuminated and non-illuminated options available.

As used by Transport for London.







E-Ink Ref: 3C 021.1

E-Ink

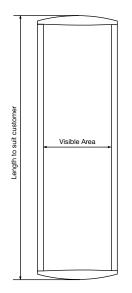
Please contact us for further details on our range of E-lnk bus stop displays, which are delivered in conjunction with our display partners.





Elite Bottom Opening Ref: 3C 022

Elite Bottom Opening









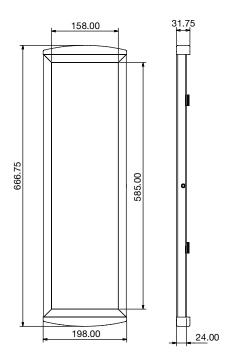


PTE Side Hinge Case Ref: 3C 023

PTE Side Hinge Case



Elite Side Hinged (Winnipeg) Timetable Case





Piccadilly Shelter Mounted Display





Fife Curved Display Ref: 3C 026

Fife Curved Display

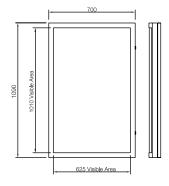
Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

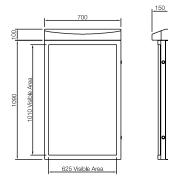
The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

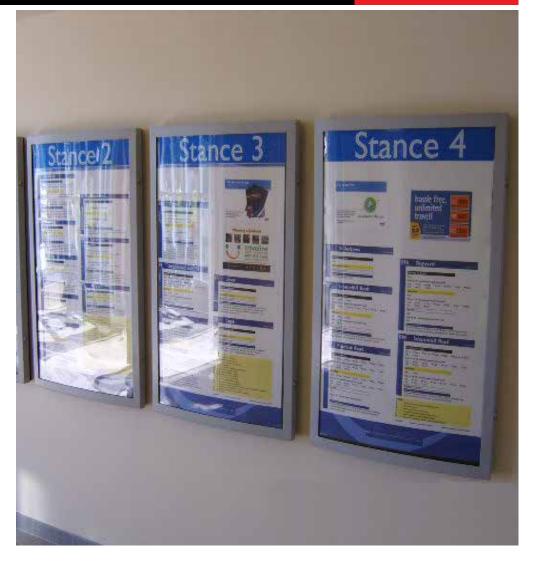
Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.

DRU Size with optional illuminated









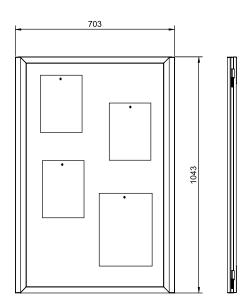
Pinboard Unit Ref: 3C 027

Pinboard Unit

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.

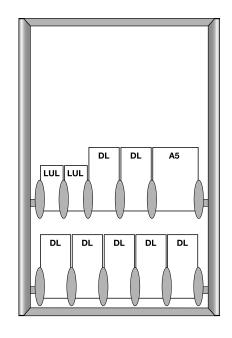




TfL Leaflet Rack Ref: 3C 028

TfL Leaflet Rack

- Leaflet Racks for TfL's DRU Size Publicity Frames
- Can be retro fitted to existing frames
- Fully adjustable to suit different leaflet sizes



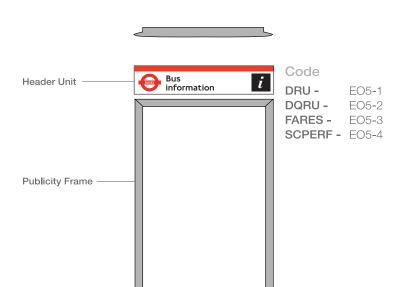


Graphic Information Header Panel for TfL Publicity Frames

Header graphics unit matches TfL frame profile. Supplied in widths to suit all frame sizes and custom graphics to suit clients requirements.

Material & Graphic Options:-

- Powder coated with die cut vinyl graphics
- Powder coated with screen printed graphics
- Vitreous enamel





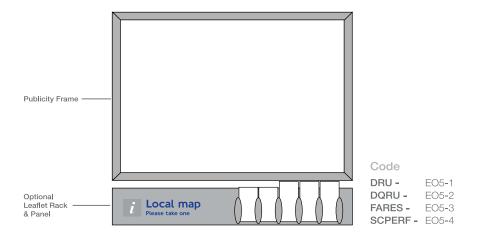
Graphic Footer Panel & Leaflet Rack Publicity Frames

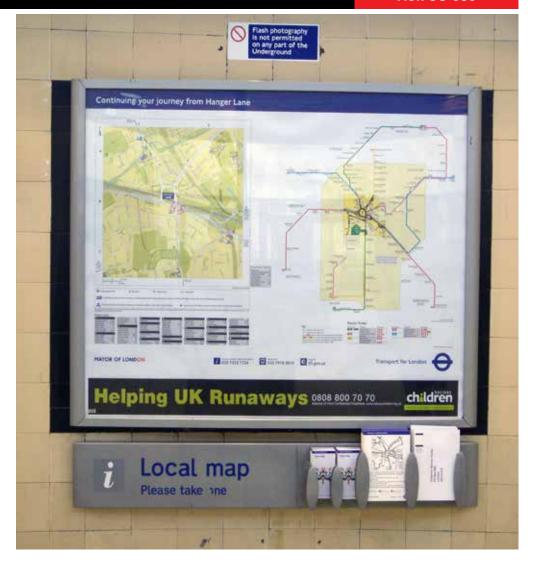
Header graphics unit matches TfL frame profile. Supplied in widths to suit all frame sizes and custom graphics to suit clients requirements.

- TfL style leaflet rack
- Qty of racks to clients requirements

Material & Graphic Options:-

- Powder coated with die cut vinyl graphics
- Powder coated with screen printed graphics
- Vitreous enamel





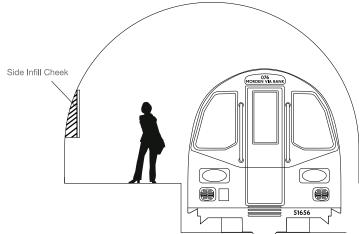
Side Infill Panels TfL Publicity Frames

Trueform provide a custom manufacturing service for publicity display side infill panels and support brackets.

Underground walls vary from site to site and each poster installation will require an individual site survey and custom panels manufactured to suit the exact station wall profile.

Services Include:-

- Site surveys
- On-site template production
- Manufacture
- Site fitting if required





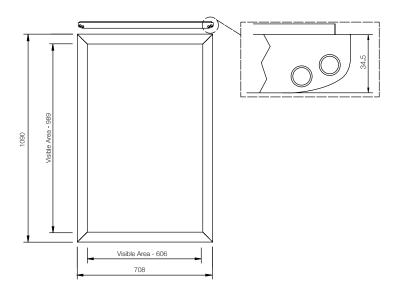
DDRU Ref: 3C 032

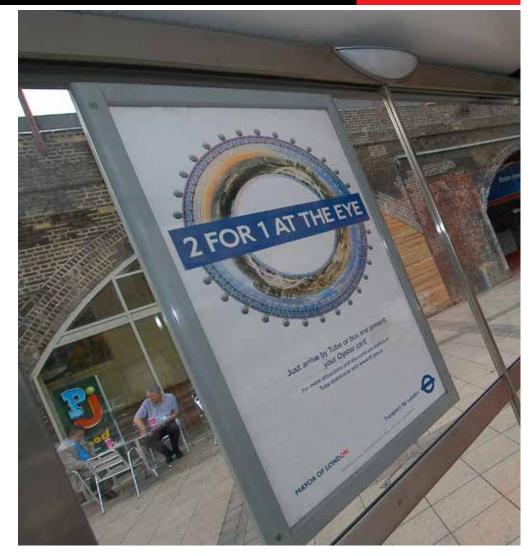
DDRU

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.





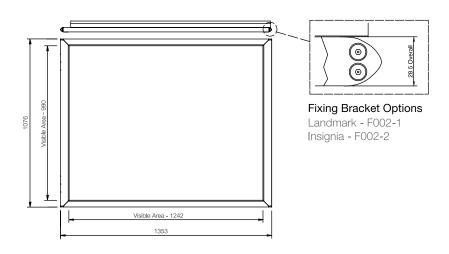
DQRU Ref: 3C 033

DQRU

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.

Features include anti-tamper security locking mechanisms, hinged doors, weatherproofing and quick and convenient methods for affixing publicity material.





Digital Totems Ref: 3C 034

Digital Totems



Access Gantry Signs Ref: 3C 035

Access Gantry Signs





Advertising Displays

Digital 6 Sheet Advertising Displays

Trueform provide a range of interior and exterior digital advertising displays.

Features include:-

- Latest digital display technology
- Ultra high quality / high clarity displays
- Robust, vandal resistant glass & structure
- High brightness, daylight readable displays
- Integral temperature management systems
- Range of media drivers to suit all applications

Applications:

- Bus & train shelters
- Stations & interchanges
- Airports
- All on-street and digital media applications

Full range of sizes and housing styles available.



6 Sheet Double Sided Displays Type B

Static, Scrolling & Digital Displays

Trueform provide a range of interior and exterior 6 sheet size advertising display units to suit a range of applications.

Applications:

- Bus & train shelters
- Stations & interchanges
- Airports
- All on-street and digital media applications

Full range of sizes and housing styles available.

- LED Lighting
- Standard Fluorescent
- Solar power options available



6 Sheet Display - Type A Single & Double Sided

Static, Scrolling & Digital Displays

Trueform provide a range of interior and exterior 6 sheet size advertising display units to suit a range of applications.

Applications:

- Bus & train shelters
- Stations & interchanges
- Airports
- All on-street and digital media applications

Full range of sizes and housing styles available.

- LED Lighting
- Standard Fluorescent
- Solar power options available









Metrolink 6 Sheet Displays Single & Double Sided

Static, Scrolling & Digital Displays

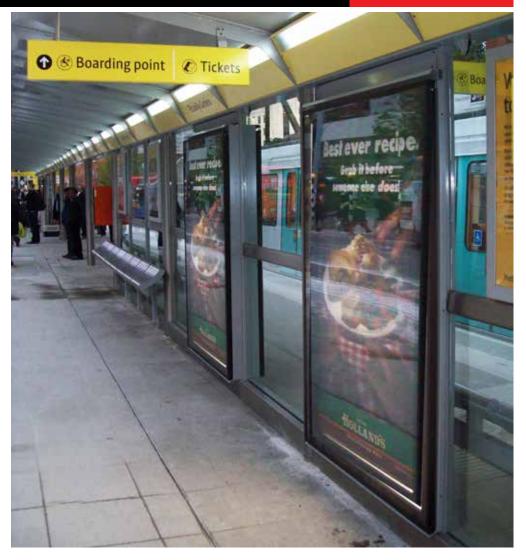
Trueform provide a range of interior and exterior 6 sheet size advertising display units to suit a range of applications.

Applications:

- Bus & train shelters
- Stations & interchanges
- Airports
- All on-street and digital media applications

Full range of sizes and housing styles available.

- LED Lighting
- Standard Fluorescent
- Solar power options available



MK3 6 Sheet Display Single & Double sided

Static, Scrolling & Digital Displays

Trueform provide a range of interior and exterior 6 sheet size advertising display units to suit a range of applications.

Applications:

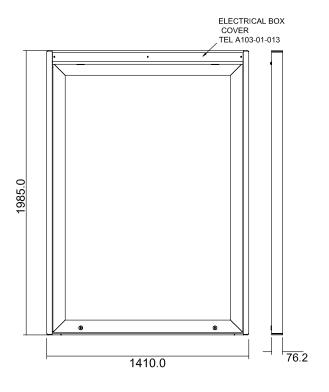
- Bus & train shelters
- Stations & interchanges
- Airports
- All on-street and digital media applications

Full range of sizes and housing styles available.

- LED Lighting
- Standard Fluorescent
- Solar power options available

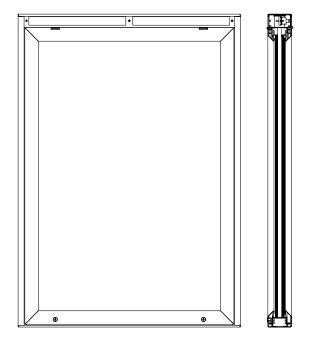


Adspace 6 Sheet Single Sided Edge Lit





Adspace 6 Sheet Double Sided Edge Lit





Digital 'Dynamic' 6 Sheet Displays

Trueform are leaders in the development of dynamic digital 6 sheet displays for exterior use.

A full range of full colour dynamic exterior display are available, including digital 4 and 6 sheet advertising displays.

Features

- 80" High Grade TfT Display Area
- Daylight Readable High Brightness
- Impact Resistant Anti-Glare Glass Front
- Specialist Internal Cooling & Heat Exchange System
- Digital Media Player Systems



Landmark London 6 Sheet Advertising









Section 04

Seats & Seating



Seats & Seating

Product Name	Reference
Metrolink Seating	4A 001
Metrolink Perch	4A 002
Discovery Seating	4A 003
Community Transit Seating	4A 004
Croydon Seating	4A 005
Skyline Seating	4A 006
Landmark London Seating	4A 007
Landmark Bench Seating	4A 008
Landmark Seating	4A 009
Winnipeg Seating	4A 010
Winnipeg Slat Seating	4A 011
Las Vegas BRT Seating	4A 012
Las Vegas Street Seating	4A 013
Insignia Perch Seating	4A 014
Centro Wall Mounted Seating	4A 015
Centro Floor Seating	4A 016
Centro Wooden Seating	4A 017
'S' Type Perch Seating	4A 019
Trueform Elite Bench Seating	4A 020
Premium Seating	4A 021
Centro BCCI Seating	4A 022



Metrolink Seating Ref: 4A 001

Metrolink Seating

Size & Configurations

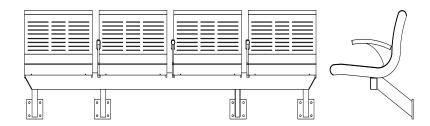
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted





Metrolink Perch Ref: 4A 002

Metrolink Perch

Size & Configurations

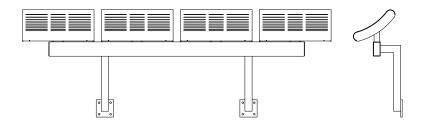
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted





Discovery Seating Ref: 4A 003

Discovery Seating

Size & Configurations

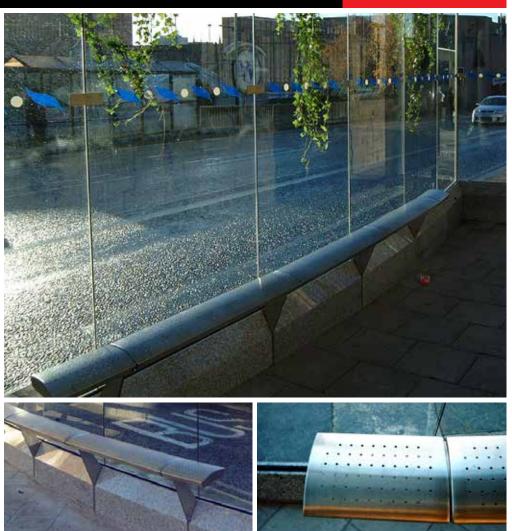
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted







Community Transit Seating Ref: 4A 004

Community Transit Seating

Size & Configurations

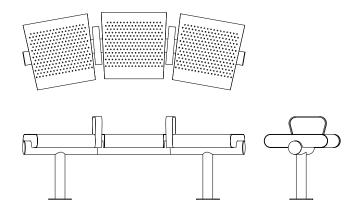
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted





Croydon Seating Ref: 4A 005

Croydon Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated. Support structure and GRP top panel can be supplied to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Skyline Seating Ref: 4A 006

Skyline Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Landmark London Seating Ref: 4A 007

Landmark London Seating

Size & Configurations

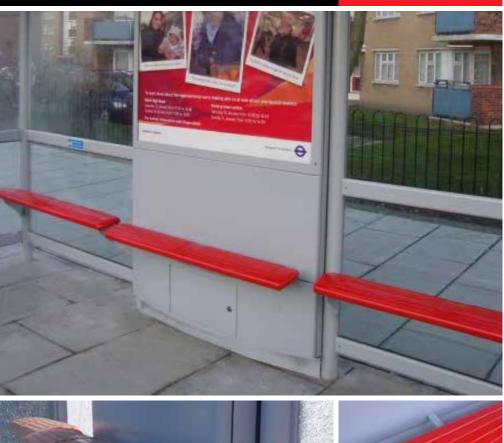
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated. Support structure and GRP top panel can be supplied to match any RAL or BS colour.

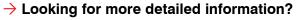
Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted











Landmark Bench Seating Ref: 4A 008

Landmark Bench Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated. Support structure and GRP top panel can be supplied to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Landmark Seating Ref: 4A 009

Landmark Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated. Support structure and GRP top panel can be supplied to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Winnipeg Seating Ref: 4A 010

Winnipeg Seating

Size & Configurations

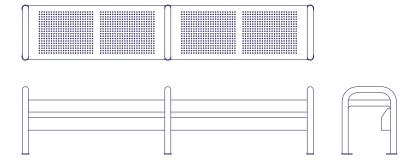
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted





Winnipeg Slat Seating Ref: 4A 011

Winnipeg Slat Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

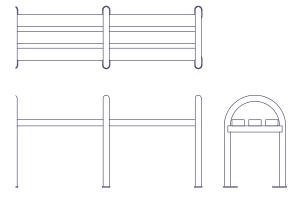
Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Features recycled plastic or hardwood top slat option.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted







Las Vegas BRT Seating Ref: 4A 012

Las Vegas BRT Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel top pan with cast aluminium support structure polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Las Vegas Street Seating Ref: 4A 013

Las Vegas Street Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel top pan with cast aluminium support structure polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted









Insignia Perch Seating Ref: 4A 014

Insignia Perch Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated. Support structure and GRP top panel can be supplied to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Centro Wall Mounted Seating Ref: 4A 015

Centro Wall Mounted Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Centro Floor Seating Ref: 4A 016

Centro Floor Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Centro Wooden Seating Ref: 4A 017

Centro Wooden Seating

Size & Configurations

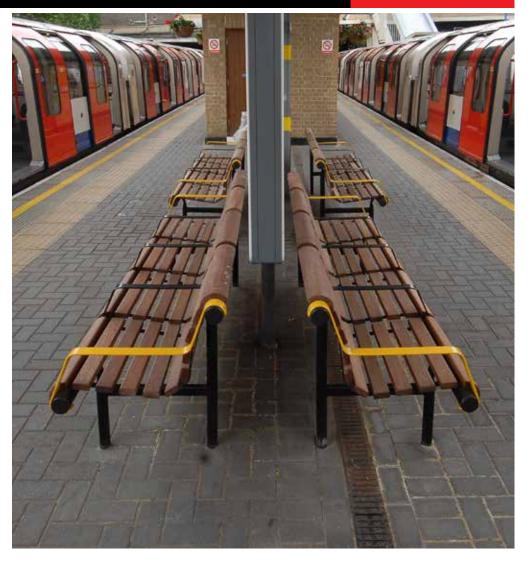
Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of support frame and armrest materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour. Features recycled plastic or hardwood top slats.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



'S' Type Perch Seating Ref: 4A 019

'S' Type Perch Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel, polyester powder coated or plastic coated to match any RAL or BS colour.

Installation / Mounting Options

- Freestanding
- Cantilever
- Wall Mounted



Trueform Elite Bench Seating Ref: 4A 020

Trueform Elite Bench Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel seat pan and polyester powder coated or plastic coated support structure, end caps and armrests to match any RAL or BS colour.

Installation / Mounting Options

Available in a range of installation & mounting options for shelter, station or platform environments, including:-

- Freestanding
- Cantilever
- Wall Mounted

Armrests

Available with and without armrests







Premium Seating Ref: 4A 021

Premium Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel seat pan and polyester powder coated or plastic coated support structure, end caps and armrests to match any RAL or BS colour.

Installation / Mounting Options

Available in a range of installation & mounting options for shelter, station or platform environments, including:-

- Freestanding
- Cantilever
- Wall Mounted

Armrests

Available with and without armrests



Centro BCCI Seating Ref: 4A 022

Centro BCCI Seating

Size & Configurations

Available in a range of sizes, lengths and heights to suit individual client and project requirements. Bespoke sizes are available on request.

Materials & Finishes

Available in a range of materials and finishes, including brushed stainless steel seat pan and polyester powder coated or plastic coated support structure, end caps and armrests to match any RAL or BS colour.

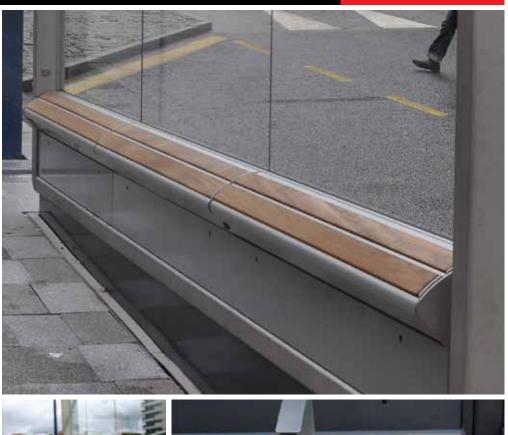
Installation / Mounting Options

Available in a range of installation & mounting options for shelter, station or platform environments, including:-

- Freestanding
- Cantilever
- Wall Mounted

Armrests

Available with and without armrests









Section 05

Counter Terrorism & Security Solutions



Contents

Counter Terrorism & Security Solutions

Product Name	Reference
Introduction	
Bomb Blast Resistant Glazed Screens & Shelters	5A 001



Counter Terror & Security Products

Counter Terror & Security Products

Protect your employees, customers and property from terrorist attack

The worldwide political climate has made it more critical than ever for organisations to physically protect buildings, crowded places and the people who frequent them from terrorist attack.

Terrorist targets include key government, public and commercial buildings as well as crowded places such as shopping centres, sport venues, airports, public transport terminals, bus and railway stations.

The personal cost of death and injuries can be considerable, and is exacerbated by disruption to the efficient running of business and public services due to damage to property and infrastructure.

Many companies and public organisations are now implementing anti-terror protection systems in response to government initiatives on protecting people in public spaces.

Government Agency Driven

In order to combat terrorist threats the UK government has instigated a counter terrorism strategy, which is driven by a number of government agencies, the Home Office, Office for Security and Counter-Terrorism, working closely with the UK Police, and the Centre for the Protection of National Infrastructure (CPNI).









Counter Terror & Security Products

Counter Terror & Security Products



Centre for Protection of National Infrastructure

The CPNI encourages the implementation of physical security measures to locations at potential risk and provides security advice, awareness and training, including designing out vehicle borne terrorism.



National Counter Terrorism Security Office

The National Counter Terrorism Security Office coordinates the activities of local police force Counter Terrorism Security Advisers (CTSAs) who deliver guidance on protecting a wide range of assets, including crowded places



Trueform's Solutions

In response to this threat, Trueform has developed and tested a range of security and anti terrorism products and patented specialist bomb blast protection systems in order to help maintain safety and security, and dramatically minimise disruption should a terrorist attack occur.









Bomb Blast Resistant Glazed Screens & Shelters

Trueform's high strength bomb blast resistant structures are designed to conform to and have been extensively tested to recognised UK, US and international bomb blast standards, typically 100kgs of high explosive at 25 metres range.

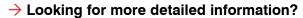
The high strength steel framed structures are fitted with bomb blast rated enhanced glass uniquely secured using Trueform patented ultra-high strength 'dry fit' retention system.

Trueform have recently installed its bomb blast resistant waiting shelters, check-in areas, door entrance portals and retail enclosures at the UK's Heathrow, Gatwick and Edinburgh airports.

The ultra high strength construction incorporates Trueform's high strength bomb blast rated shallow foundation and thus provides robust physical protection, including protection against explosive attack by a vehicle borne explosive device (VBIED).

Please ask to see our Bomb Blast Protection Brochure for further details.









Section 06

Electronic Displays, RTI Display Units, Interactive Displays, Touch Screens & Kiosks



Electronic Displays, RTI Display Units, Interactive Displays, Touch Screens & Kiosks

Product Name	Reference	Product Name	Reference	Product Name	Reference
Digital Display Specialist - Introduction		Section C - Interchange Displays		Section F - TFT Displays	
		Bus - Interchange Displays	6C 001	Electronic Service Update Boards ESUB - Type C	6F 009
Section A - Bus Shelter Displays		Fuzion TFT Display Range - 32", 46", 55"	6C 004	Digital Promotional Display Unit	6F 010
Bus Shelter Displays	6A 001				
Countdown RTI Displays	6A 003	Section D - Rail Displays		Section G - Interactive Products	
Winnipeg Transit Displays	6A 004	Next Train Indicator (NTI)	6D 002	Interactive Touch Screens & Information Kiosks	
Toulouse Displays	6A 005	Medium Format Next Train Indicator (MNTI)	6D 003	- Introduction	
28in Ultra Wide Screen TFT Display	6A 006.1	Emergency Do Not Enter (EDNE) Display	6D 005	Interactive Displays - Kiosk	6G 001
				Interactive Displays - Kiosk	6G 002
Section B - Bus Stop Displays		Section E - Airport Displays		Interactive Displays - Kiosk	6G 003
Bus Stop Full Matrix Flag	6B 002	Airport Displays - Introduction		Electronic Timetables & Touch Screens	6G 006
LED Flag Displays	6B 003	Flight Information Departure Unit (FIDS)	6E 001	E-Ink Bus Stop Display	6G 006.1
Double Sided Full Matrix Flag	6B 005	FIDS Type 2	6E 002	Interactive Displays - Indoor TFT Help Point	6G 008
Double Sided Full Matrix Flag	6B 006	Airport Monoliths	6E 003	MK 2 Help Points - Type A	6G 009
Countdown LED Flag	6B 007	Stansted FID with Seat Support	6E 004	MK 2 Help Points - Type B	6G 010
3 Service LED Countdown Flag Display	6B 008			Interactive Wayfinding Monolith	6G 011
Bus - Info Totem	6B 010	Section F - TFT Displays		Bus Information Totem	6G 012
E-Ink Bus Stop Display	6B 011.1	Solar and Wind Powered LED Flags	6F 001	Fuzion Monolith	6G 013
Centro Bus Stop Totem	6B 014	Rugged TFT Display	6F 003	Freestanding Totem	6G 014
Bus Information Totem	6B 015	TFT Totems	6F 004	Interactive 42in TFT Freestanding Wayfinding Totem	6G 015
Ealing Broadway Bus Interchange Digital Totem	6B 016	Electronic Service Update Boards (ESUB)	6F 005	Interactive Displays - Kiosks	6G 016
38in Ultra Wide Screen TFT Display	6B 017	Electronic Service Update Boards ESUB - Type A	6F 006	Interactive Displays - Kiosks	6G 017
IP65 Ruggedised 4 Line Full Matrix LED Display	6B 018	Electronic Service Update Boards ESUB - Type B	6F 007	Interactive Displays - Kiosks	6G 018
IP65 Ruggedised 8 Line Full Matrix LED Display	6B 019	- Freestanding Electronic Service Update Boards ESUB - Type B - Wall Mounted	6F 008	46in TFT Interactive Touch Screen Totem	6G 019





Digital Display Specialist









Digital Display Specialist

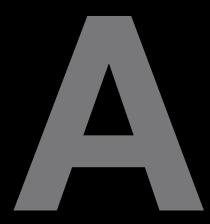
Trueform subsidiary company Ferrograph provides specialist intelligent display solutions for transportation and media applications across bus, underground and over-ground rail and air passenger networks.

Ferrograph's extensive range of quality LCD, LED, TFT and projection displays have been specifically designed and engineered to provide clear and accurate, up to the minute travel information to passengers.

Trueform Ferrograph are pioneers in the field of ruggedised public information displays and has established a reputation as the leading experts in bespoke electronic passenger display solutions.

Trueform Ferrograph have a strong transport customer base in rail, bus and air as well as local authorities and other private and public organisations. Long established supply relationships with software companies and systems integrators enables them to offer a complete solution – from design, manufacture through to installation and service support.

Trueform Ferrograph's strength is the ability and experience to package any chosen Display Technology into a working product solution for Public Transportation Applications



Bus Shelter Displays

Bus Shelter Displays Ref: 6A 001

Bus Shelter Displays

Key Product Features

- LED and LCD display technology versions
- Optional Full Matrix 180 x 32 pixel format allowing a fully flexible display format.
- 3 Lines x 30 Characters standard
- 9 pixel high Characters as standard for DDA compliance
- Lightweight aluminium enclosure construction with IP65 ingress protection rating
- Vandal resistant polycarbonate front screen
- Environmental control including impact detection and diagnostic control

Product has been integrated by:

• ACIS (re-brand this product Tay), Trapeze ITS, JMW, Ineo Systrans, Connexions, Thales







Countdown RTI Displays Ref: 6A 003

Countdown RTI Displays

Trueform hold the contract to manufacture, install and maintain 'Countdown' electronic RTI signs for London Buses.

Please contact us for further details of our electronic display range.







Winnipeg Transit Displays Ref: 6A 004

Winnipeg Transit Displays

Winnipeg, Manitoba, Canada - design and supply of LED real time bus information displays and bus shelter and stop hardware.

Trueform and Ferrograph have designed a bespoke bus stop solution for Winnipeg, working closely with the client's chosen architect and system integrator. 2 sign types have been designed for this client.

- Type A: 3 Lines x 36 Characters standard
- Type B: 10 Lines x 18 Characters standard
- 9 pixel high characters as standard for DDA compliance
- Cast Aluminium lightweight construction
- Integrated 47mm high clock
- Tough all-weather construction manufactured to IP65
- Vandal resistant polycarbonate front screen
- Environmental control including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- Ferrograph designed and manufactured heating and cooling system to enable operation between -55 °C and +50°C







Toulouse Displays Ref: 6A 005

Toulouse Displays

Design and supply, of 145 LED full matrix bus and tram displays for Toulouse.

Scope of project:

- 96 Single sided Bus Displays LED Full Matrix
- 42 Double sided Tram Displays LED Full Matrix
- 7 Double sided Platform Indicator Displays

- Fabricated lightweight aluminium enclosure with polyester powder coat finish
- Enclosure Ingress Protection (IP) rating of 65, making it fully capable of operating in an outdoor environment
- Impact resistance will be designed to IK7
- Additional lacquer coating to maximise protection from vandalism and aid removal of graffiti
- 9 pixel high characters as standard for DDA compliance
- Laminated toughened glass screen which will have an anti-glare coating and medium brown tint to provide a better viewing contrast
- Designed to interface with the existing mounting structures, through the use of Ineo's proprietary interface casting







28in Ultra Wide Screen TFT Display

- Latest generation TFT-LCD panels with typical brightness 1000 cd/m2
- 1920 x 357 ultra wide aspect ratio 16:3
- High brightness, sunlight readable energy efficient display
- Small form factor to enable installation within most shelters and to enable bus stop pole mounting
- Fabricated lightweight aluminium construction
- Heat exchanger cooling system to support high temperature extremes
- Rugged enclosure manufactured to IP65 ingress protection rating, impact rating IK7
- Remote Monitoring:Environmental control and diagnostic information
- Able to be mounted within shelter from top surface and to third party posts via optional adaptor bracket







Bus Stop Displays

Bus Stop Full Matrix Flag

Bus Stop Full Matrix Flag

- Full Matrix flexible display format enabling up to 12 lines of 24 characters to be displayed
- Four versions available: 3 line, 6 line, 9 line and 12 line.
- 27mm capital character height as standard but can be used with a range of fonts and fully flexible display layout
- The IP65 rated enclosure provides protection against both the weather and vandalism
- Environmental control, including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- Retrofit to existing flag posts
- Rear face available for fixed text vinyl's
- Doubled sided versions available







LED Flag Displays Ref: 6B 003



Double Sided Full Matrix Flag

- 3, 6 and 9 lines versions x 24 characters
- Amber ultra-bright LEDs for daylight readability
- Compact enclosure allows external bus stop pole mounting
- IP65 rated enclosure provides protection against both the weather and vandalism
- Environmental control, including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- Retrofit to existing flag posts is possible via bespoke mounting kit
- A full range of Trueform Elite posts, mountings and display cases are available







Double Sided Full Matrix Flag - Optional Sun Hood

- 3. 6 and 9 lines versions x 24 characters
- Amber ultra-bright LEDs for daylight readability
- Compact enclosure allows external bus stop pole mounting
- IP65 rated enclosure provides protection against both the weather and vandalism
- Environmental control, including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- Retrofit to existing flag posts is possible via bespoke mounting kit
- A full range of Trueform Elite posts, mountings and display cases are available



Countdown LED Flag Ref: 6B 007

Countdown LED Flag

- 3, 6, 9 and 12 service options
- Single or double-sided
- Amber ultra-bright LEDs allow daylight viewing
- Compact stylish enclosure allows external bus stop pole mounting
- The IP65 rated enclosure provides protection against both the weather and vandalism
- Environmental control, including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- A full range of Trueform posts, mountings and display cases are available





3 Service LED Countdown Flag Display

- 3 service option
- Single or double-sided
- Amber ultra-bright LEDs allow daylight readability
- A compact, stylish enclosure allows external bus stop pole mounting
- The IP657 rated enclosure provides protection against both the weather and vandalism
- Environmental control, including impact detection and diagnostic control
- Optional cold weather protection with integrated fans and heaters
- A full range of Trueform Elite posts, mountings and display cases are available



Info Totem Bus Stop

Ref: 6B 010

Info Totem Bus Stop

The stylish Info Totem RTI bus stop information system provides a high quality platform for the marketing and promotion of bus services, offers simplicity in design, optimum passenger information, alongside flexible installation and serviceability.

The robust system embodies the latest design thinking for attractive, long lasting on street performance whilst providing the best in electronic, real time or scheduled bus arrival and departure information alongside high quality static information display.

- Fitting of RTI Bus Shelter Displays
- Built in Sun Shade for easy viewing in all Weather
- High Quality Timetable Display Case in a wide range of display sizes
- Robust, Long lasting all weather materials
- Sound Structural Engineering
- Built-In Electrical Switch gear Enclosure
- Available in a wide range of attractive finishes with colours and bespoke graphics to suit corporate house styles
- Service Marketing & Branding Platform
- A wide range of foundation fixing methods are available to suit all site conditions







E-Ink Bus Stop Display Ref: 6B 011.1

E-Ink Bus Stop Display

Please contact us for further details on our range of E-Ink bus stop displays, which are delivered in conjunction with our display partners.





Centro Bus Stop Totem Ref: 6B 014

Centro Bus Stop Totem

Bespoke intelligent bus stop design installed throughout the City of Birmingham for Centro. Featuring latest innovation in electronic RTI passenger information display hardware, digital printed LED back illuminated wayfinding mapping and highly contemporary aesthetics.

Production design, product and electrical engineering, testing, manufacture, installation and commissioning by Trueform.









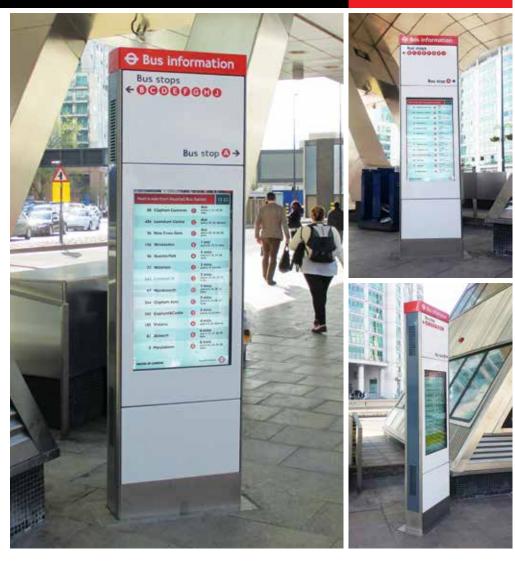
Bus Information Totem Ref: 6B 015

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Key features include a 42" portrait, sunlight readable, high brightness TFT product with 3G communications.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.



Ealing Broadway Bus Interchange Digital Totem

Available in a range of sizes and configurations, these elegantly designed interchange units have been specifically designed for high profile display of Bus information.

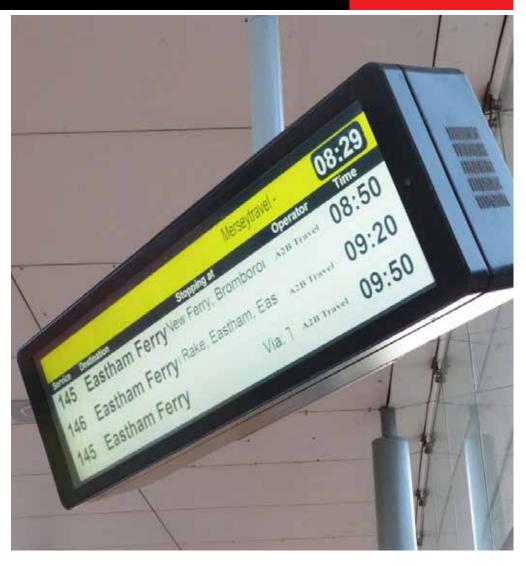
Features of the totem include:-

- High quality architecturally detailed product design
- 2 of 42" TFT, anti-reflective (sunlight readable) screens
- Wifi and 3G
- 2 of rear illuminated mapping glass panels



38in Ultra Wide Screen TFT Display

- Latest generation TFT-LCD panels with typical brightness 1000 cd/m2
- 1920 x 502 ultra wide aspect ratio 16:4.2
- High brightness, sunlight readable energy efficient display
- Small form factor to enable bus stop pole and ceiling mounting
- Fabricated lightweight aluminium construction
- Heat exchanger cooling system to support high temperature extremes
- Rugged enclosure manufactured to IP65 ingress protection rating, impact rating IK7
- Remote Monitoring:Environmental control and diagnostic information
- Able to be mounted within shelter from top surface and to third party posts via optional adaptor bracket



IP65 Ruggedised 4 Line Full Matrix LED display

The Ferrograph range of Rugged LED displays have been specifically designed and engineered to provide clear and accurate, up to the minute travel information to passengers. Ferrograph has designed a specific family of products to provide on street real time passenger information at bus waiting shelters, interchanges and stops.

Key Product Features

Display Format: Full Matrix 192 x 56 pixel format allowing a fully flexible display format, 32 characters wide, typical

Display: Tough fabricated edge to edge enclosure with laminated chemically treated safety glass front screen, anti-glare / anti-reflective surface treatment rated to IP65

Climate: Harsh environment -40C to +50C

Remote Monitoring: Environmental control and diagnostic information

Orientation: Landscape



IP65 Ruggedised 8 Line Full Matrix LED display

The Ferrograph range of Rugged LED displays have been specifically designed and engineered to provide clear and accurate, up to the minute travel information to passengers. Ferrograph has designed a specific family of products to provide on street real time passenger information at bus waiting shelters, interchanges and stops.

Kev Product Features

Display Format: Full Matrix 192 x 112 pixel format allowing a fully flexible display format, 32 characters wide, typical

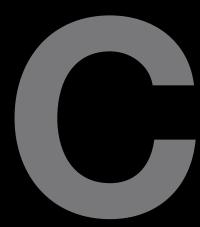
Display: Tough fabricated edge to edge enclosure with laminated chemically treated safety glass front screen, anti-glare / anti-reflective surface treatment rated to IP65

Climate: Harsh environment -40C to +50C

Remote Monitoring: Environmental control and diagnostic information

Orientation: Landscape





Bus Interchange Displays

Bus Interchange Displays Ref: 6C 001

Bus Interchange Displays

LED Departure Board Displays are part of the Ferrograph range of Transport Interchange Displays. This product family is the ideal choice to display real time passenger information within any modern interchange environment.

- 6 and 9 lines of text with 45 characters per line
- 30mm Character height with 9 pixel high characters allowing either partial of full descenders to be used
- Amber ultra-bright LEDs allow daylight viewing
- Extruded aluminium front frame with polycarbonate screen in keeping with the range of interchange displays
- The IP65 rated enclosure provides protection against both the weather and occasional vandalism
- A bespoke design service is available for all mounting and installation locations
- Environmental control including impact detection and diagnostic control









Fuzion TFT Display Range – 32", 46", 55"

The Ferrograph range of Rugged LCD-TFT displays are suitable for use in outdoor public areas offering unparalleled visual clarity, superior contrast and high luminance, making it ideal for the display of general information, advertising and transportation applications where high quality real time information delivery has to be achieved in demanding ambient light conditions.

Key Product Features

TFT Display: Latest generation high brightness sunlight readible display panels Full HD, 1920 x 1080 resolution

Display Enclosure: Tough fabricated edge to edge enclosure with high impact protection safety glass screen, anti-glare / anti-reflective surface treatment for optimum viewability and rated to IP65 to protect against water and dust ingress

Temperature Control: Heating and cooling sub-system to support wide temperature extremes

Remote Monitoring: Centralised functional and environmental monitoring and diagnostic system

Content Management: Supports the Ferrograph content management system allowing digital content creation, management and playing

Orientation: Portrait or landscape









Rail Displays

Next Train Indicator (NTI)

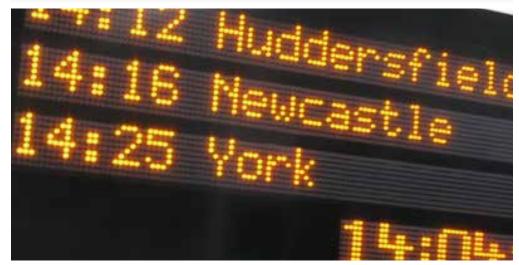
Next Train Indicator (NTI)

The 3 Line LED Next Train Indicator has been specifically designed to display real-time next train information to passengers on railway platforms.

- The perfect solution for railway platform applications.
- Ideal for Tramstop or LRT applications.

- 9 dot high LED technology ensuring DDA compliance
- Automatic brightness adjustment
- IP66 rated enclosure
- Section 12 low smoke and fume version available for Underground applications
- Single sided or double sided versions available
- Optional LED clock





Medium Format Next Train Indicator (MNTI)

The 3 Line LED MNTI has been specifically designed to display real-time next train information to passengers on railway platforms with an integrated clock.

- The perfect solution for railway platform applications.
- Ideal for Tramstop or LRT applications.

- 9 dot high LED technology ensuring DDA compliance
- Automatic brightness adjustment
- IP66 rated enclosure
- Section 12 low smoke and fume version available for Underground applications
- Single sided or double sided versions available
- Optional LED clock







Emergency Do Not Enter (EDNE) Display

Ferrograph's LED "Emergency Do Not Enter" (EDNE) display has been specifically designed as a warning display used to restrict access to rail and underground station entrances.

- 24 x 128 LED Matrix
- DDA compliance
- · Automatic brightness adjustment
- IP66 rated enclosure
- Section 12 low smoke and fume version available for Underground applications
- Single sided



Mounted under canopy ceiling, can also be fascia mounted



Suspended unit, cables mounted within tubular supports, pigeon wire attached



Airport Displays

Airport Displays

Airport Displays

Trueform Ferrograph provide the air passenger industry with a range of electronic display solutions.

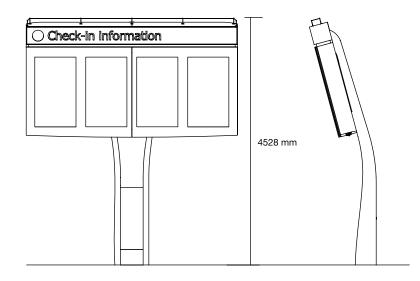
Products include interior and exterior passenger, Flight Information & Departure Screens (FIDS), digital advertising displays and wayfinding monoliths.



Flight Information Departure Unit (FIDS)

Available in a range of sizes and configurations, these elegantly designed FID units have been specifically designed for high profile display of flight information, arrival and departures.

Utilising Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.











FIDS Type 2 Ref: 6E 002

FIDS Type 2









Airport Monoliths Ref: 6E 003

Airport Monoliths

Available in a range of sizes and configurations, these elegantly designed monolith units have been specifically designed for high profile display of flight information, arrival and departures and wayfinding map utilising Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.









Stansted FID with Seat Support











TFT Displays

Solar and Wind Powered LED Flag

The renewable energy LED Countdown Flag Display has been designed for locations where provision of power is an expensive and challenging problem

Designed specifically to display real time passenger information in outdoor public environments, typical applications include:

- On street locations where bus shelters or stands are unavailable
- Stand alone post mounting
- Suitable for out of town or rural locations
- No Mains power required

- 3, 6 and 9 service options
- Single or double sided
- Amber ultra-bright LEDs allow daylight viewing
- Compact enclosure allows external bus stop pole mounting
- Rugged on demand push button to activate sign from power saving mode
- Display illumination is controlled via a brightness sensor which manages the optimisation of brightness and power consumption display
- The IP65 rated enclosure provides protection against both the weather and vandalism
- A full range of Trueform posts, mountings and display cases are available



Rugged TFT Display Ref: 6F 003

Rugged TFT Display

The Ferrograph Rugged TFT Display is a rugged display suitable for use in outdoor public areas such as ticket offices, bus interchanges and rail station concourses.

Designed specifically to display passenger information in transport interchange environments, typical applications include:

- Rail and Underground Stations
- Bus Stations
- Airports
- Any Outdoor or Public Environment Application
- Industrial Applications

- Screen sizes available 15", 17", 19", 22", 26", 32", 42" & 57"
- Optional high brightness and sunlight readable TFT
- Optional optical coating of TFT panel available for outdoor environment
- A range of TFT panel resolutions including VGA, SVGA, XGA and SXGA available
- All aluminium/stainless steel weatherproof construction with IP65 ingress protection rating
- Various levels of integrated PC available, depending on user application
- Communication via LAN, RS232 or RS485 Updates via USB key without the need to open the display





TFT Totems Ref: 6F 004

TFT Totems

The TFT Totem can be integrated into the Trueform Elite range of shelters or retro fitted to existing shelters. Specifically designed for use in the urban environment the display can provide both static and real-time information to the travelling public

Designed specifically to display passenger information in transport interchange environments, typical applications include:

- Transport interchanges
- Bus Stations
- Tramstop or LRT applications

- Landscape and portrait versions available
- Latest generation TFT panel with a minimum lifetime of 50,000 hours to half brightness
- Digital 1 bit/Pixel accurate mapping leads to exceptionally clear display with no analogue signal path
- All aluminium weatherproof construction
- Ingress protected to IP65
- Integrated PC with Ferrograph data driver software
- Communication via LAN, RS232 or RS485. Updates via USB key without the need to open the display
- Operating range 0°C to +40°C. Optional environmental control including impact detection and diagnostic control is available







Electronic Service Update Boards (ESUB)

Ferrograph ESUB displays are specifically designed to display service quality information in Underground and Rail stations.

Several versions are available with screen sizes in the range of 32" / 40" / 46" and 57".

Several mounting options are available including freestanding pedestal, wall mount, single post and dual post.

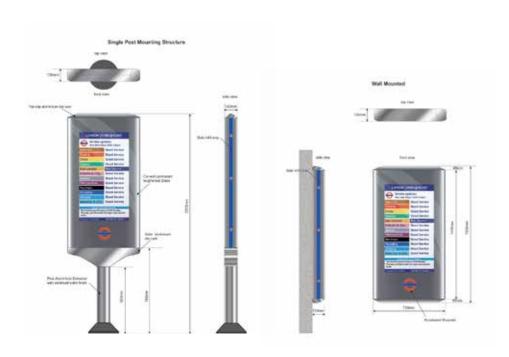








Electronic Service Update Boards ESUB - Type A





Electronic Service Update Boards ESUB - Type B - Freestanding



Electronic Service Update Boards ESUB - Type B - Wall Mounted



Electronic Service Update Boards ESUB - Type C



Digital Promotional Display Unit

Freestanding digital display screen with built-in pc and graphics driver, used for promotion and customer information.







Interactive Products

Interactive Touch Screens & Information Kiosks

Interactive Touch Screens & Information Kiosks

Trueform supply a range of intelligent interactive touch screens and information kiosks for both interior and exterior applications.

The rugged displays provide up to the minute travel and service information to passengers.







Interactive Displays - Kiosk



Interactive Displays - Kiosks Ref: 6G 002

Interactive Displays - Kiosks

Ferrograph rugged Interactive Kiosk provides real-time digital information to the travelling public in outdoor and unsecured areas.

Next bus and train service information is combined with a local Point of Interest and Journey Planning services. Ideal for use in:

- Transport interchanges
- · Bus stations and high use stops
- Railway platform or concourse applications
- Tramstop or LRT applications

- 19" TFT Summary screen at top front face
- 17" TFT at user height, front face
- Touch-screen using Projected Capacitive Technology (PCT)
- Secure Web based browser with on-line Journey Planning and approved website access
- Tough IP65 stainless steel enclosure with laminated safety glass front screen, anti-scratch / anti-reflective surface treatment
- LAN communication as standard
- Optional communications: Wi-Fi, 3G & ADSL
- Optional ability to communicate to other display devices at same location via Wi-Fi, 3G

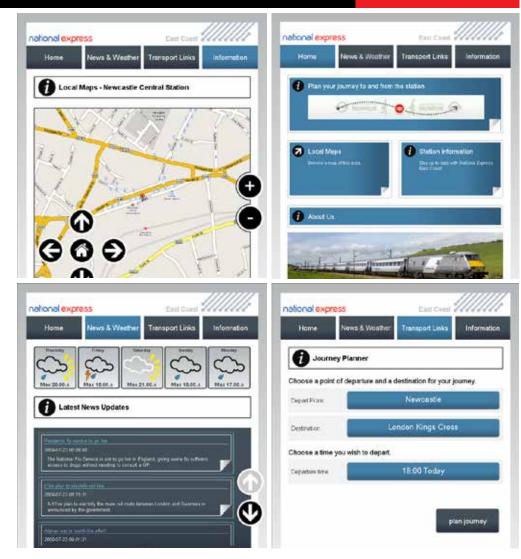


Interactive Displays - Kiosks Ref: 6G 003

Interactive Displays - Kiosks

Touch screen interface

- Bespoke Design of Touch screen Graphical User Interface
- Management of RSS feeds e.g. BBC / Sky News and Weather
- Management of links to Journey Plan, National Rail Enquiries
- Development of Customer specific Branding
- Development of Content Templates for user population
- Paper printing capability
- Distribution of Content to multiple displays and locations Wi-Fi technology





Electronic Timetables & Touch Screens

Please contact us for further details of our range of interactive bus stop displays.



E-Ink Bus Stop Display

Ref: 6G 006.1

E-Ink Bus Stop Display

Please contact us for further details on our range of E-lnk bus stop displays, which are delivered in conjunction with our display partners.



Interactive Displays - Smart Travel Touch Screen

Ferrograph's TFT Touch screen Information Kiosk display offers a rugged space saving solution due to its compact design.

Designed specifically to display bus or train service information, typical applications include:

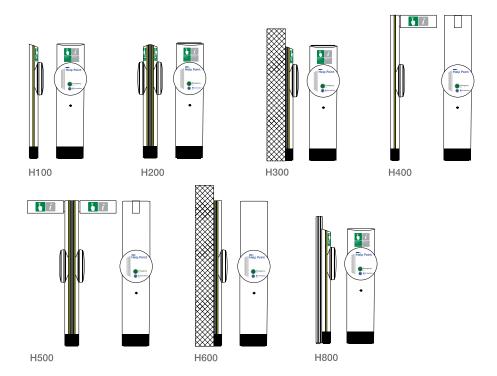
- Transport interchanges
- Bus stations and high use stops
- Railway platform or concourse applications
- Tramstop or LRT applications

- Fully Rugged Zintec Steel freestanding enclosure
- Low-level installation to allow Optimum viewing angle for PRM passengers
- IP54 sealing rating
- Laminated safety glass
- 17" Landscape LCD
- Integrated PC (optional)
- Anti reflective coating (optional)
- Ideal for Train Information or Retail Advertising applications
- Stainless steel protection bar (optional)



MK 2 Help Points - Type A

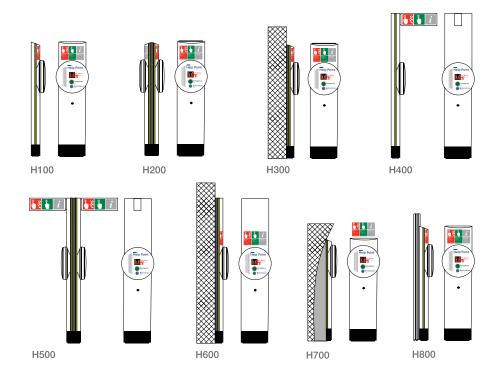
Graphic Layout A





MK 2 Help Points - Type B

Graphic Layout B





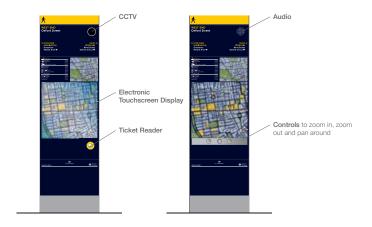
Interactive Wayfinding Ref: 6G 011

Interactive Wayfinding

Trueform provide a wide range of interactive and non-interactive digital display wayfinding products in a variety of designs to suit individual customer requirements.

Successfully installed in many locations, Trueform provide the entire product - an end to end solution. Products and services include external kiosk structure, associated graphics, signage and branding, all internal electronic hardware, daylight readable displays, internal PC's and full impact resistant display screens. All products are fully ingress protected from the elements, utilise thermal control engineering dynamics and are fully tested and approved for external on street use.

Trueform also provide a full content management design and/or take digital data feeds from third party supplied and systems integrators.











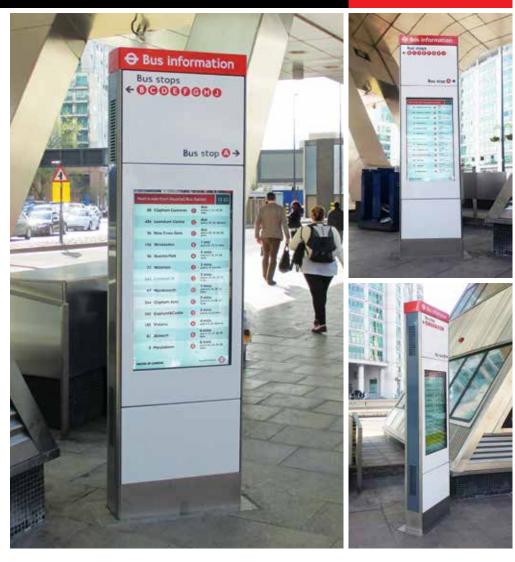
Bus Information Totem Ref: 6G 012

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Key features include a 42" portrait, sunlight readable, high brightness TFT product with 3G communications.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.



Fuzion Monolith Ref: 6G 013

Fuzion Monolith

Available as a single or double sided mounting solution for the Fuzion ruggedised 32in, 46in and 55in TFT display range.

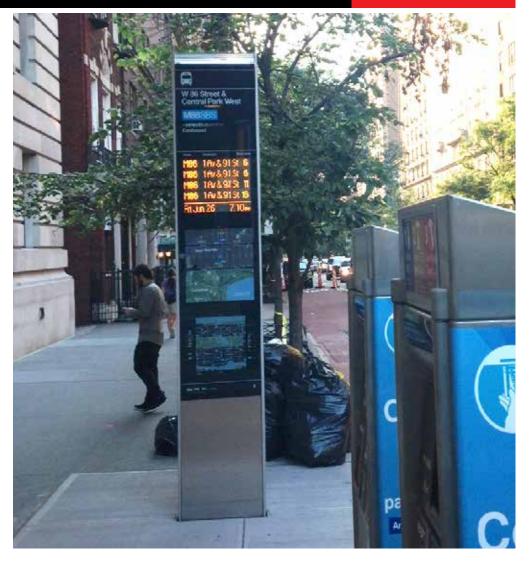
- Robust monolith design for outdoor applications
- Polyester powder coated to customer specified RAL number
- Optional vinyl graphics



Freestanding Totem Ref: 6G 014

Freestanding Totem

- Free standing single or double sided LED display
- Full matrix LED layout providing bus service information and RTI
- Optional portrait IP65 Ruggedised 32in Wide Screen TFT display
- Rugged powder coated steel enclosure provides protection against both the weather and occasional vandalism
- Maintenance access via security locks
- Environmental control including impact detection and diagnostic control is included
- Fixed text and graphics vinyls to customer requirements



Interactive 42in TFT Free Standing Wayfinding Totem

- Freestanding Totem structure from Legible product family
- High brightness 42" TFT-LCD panel with transflective properties
- Capacitive touch screen interface
- Laminated, thermally tempered, sacrificial safety glass screen with anti-reflective and anti-scratch coatings
- Stainless steel and vitreous enamel outer totem panels
- Screen printed 8mm thick laminated safety glass map panels
- IP65 ingress protection internal electrical enclosures
- Integrated PC for LAN connection and processing of digital content



Interactive Displays - Kiosks Ref: 6G 016

Interactive Displays - Kiosks

Ferrograph rugged Interactive Kiosk provides real-time digital information to the travelling public in outdoor and unsecured areas.

Next bus and train service information is combined with a local Point of Interest and Journey Planning services. Ideal for use in:

- Transport interchanges
- · Bus stations and high use stops
- Railway platform or concourse applications
- Tramstop or LRT applications

- 19" TFT Summary screen at top front face
- 17" TFT at user height, front face
- Touch-screen using Projected Capacitive Technology (PCT)
- Secure Web based browser with on-line Journey Planning and approved website access
- Tough IP65 stainless steel enclosure with laminated safety glass front screen, anti-scratch / anti-reflective surface treatment
- LAN communication as standard
- Optional communications: Wi-Fi, 3G & ADSL
- Optional ability to communicate to other display devices at same location via Wi-Fi, 3G



Interactive Displays - Kiosk

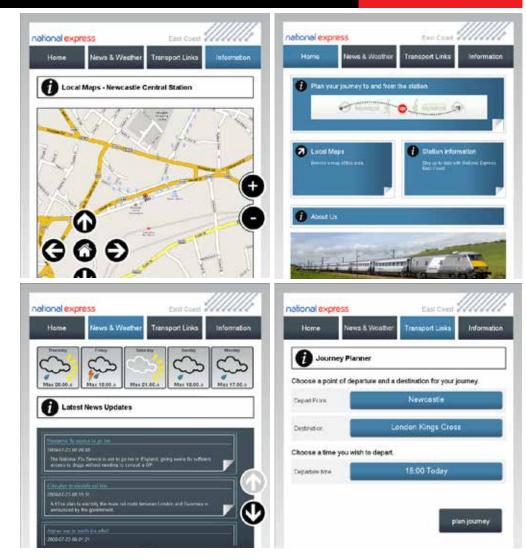


Interactive Displays - Kiosks Ref: 6G 018

Interactive Displays - Kiosks

Touch screen interface

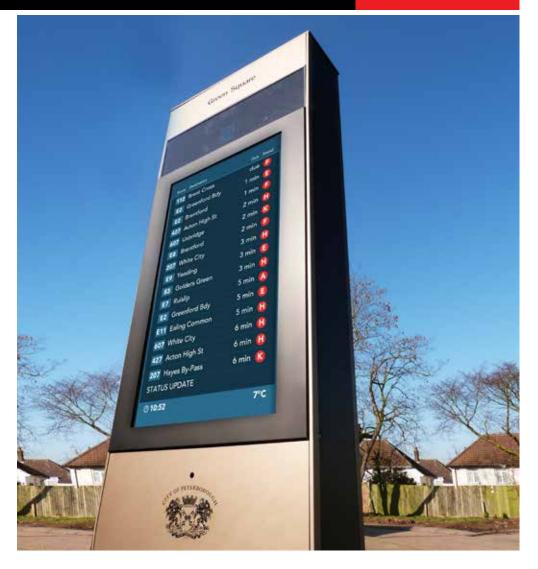
- Bespoke Design of Touch screen Graphical User Interface
- Management of RSS feeds e.g. BBC / Sky News and Weather
- Management of links to Journey Plan, National Rail Enquiries
- Development of Customer specific Branding
- Development of Content Templates for user population
- Paper printing capability
- Distribution of Content to multiple displays and locations Wi-Fi technology





46in TFT Interactive Touch Screen Totem

- 46" high brightness TFT panel providing a high visibility display
- Capacitive film touch screen to allow customer interaction
- Optional Integrated IP65 rated camera providing a webcam style interaction
- Integrated PC to host content presentation and system maintenance
- Heat exchanger cooling system to support high temperature extreme
- Chemically toughened, safety glass screen
- Ruggedised IP65 ingress protected display enclosure
- First stage heater control electronics to support low temperature extreme
- Automatic brightness control
- Robust totem design for outdoor applications



Section 07

Solar Power Systems



Solar Power Systems

Product Name	Reference
Solar Power & Renewable Energy Systems - Introduction	
Solar Systems & Research & Development	
Solar Energy Management System & Software	
Solar RTI & Electronic Information Displays	7A 001
TfL Solar Bus Stop System	7A 002
Elite Solar Bus Stop System	7A 003
Solar Bus Shelter Systems	7A 004
Solar Signage & Display Systems	7A 005
Solar Taxi Stop	7A 006
UAE Solar Info Stop System	7A 007
Solar Passenger Information Display Unit	7A 008



Solar Power & Renewable Energy Systems

Solar Power & Renewable Energy Systems

Trueform are a leading developer and provider of stand alone 'off grid' solar powered street furniture products. Trueform have installed over 10,000 solar installations Worldwide.

Continuous Development & Research

Trueform undertakes a continuous programme of solar and renewable energy research, development and engineering.

Trueform's dedicated solar engineers work continuously on leading edge solar, LED energy management and battery technology developments to ensure that we are supplying the most reliable, value for money solar products at all times.

Trueform's UK solar development headquarters is supported by our overseas Solar R&D development centres in China and Australia.

Trueform operate internationally and have divisions and contracts in the USA, Canada and the Middle east. Trueform are therefore able to adopt and harness best solar practice on a global basis.

In addition to a range of solar products for the passenger transportation industry, Trueform delivers custom designed solar, LED lighting and renewable energy solutions to meet specific customer requirements.









Solar Systems, Research & Development

Solar Systems, Research & Development

System Development

Trueform has developed a range of 'off grid' solar solutions for use primarily in the public transport and wayfinding signage sector. The designs include complete 'systems' for fully automated operation 24/7, with bespoke design intelligent solar energy management systems, LED lighting units, wiring harnesses, solar PV arrays, batteries and associated enclosures that have been specifically developed for a range of individual products, applications and climates (UK, USA & Middle East).

The development has included solar courtesy / information lighting systems for bus stops, bus shelters, information displays, advertising displays, signage systems, fare payment/ticket machines and RTI displays.

Areas of in House Specialism

- Solar Energy 'Optimization, Management and Electronic Control Systems'
- Leading edge LED lighting illumination technology
- Low energy intelligent digital passenger display systems
- Solar Powered Fare Payment & Ticketing Solutions
- Solar powered climate control systems, AC and Heating for Trueform's growing global passenger hardware market



Solar Energy Management System & Software

Solar Energy Management System & Software

Solar Energy Management Systems

Trueform's EMS Controllers are specialist designed and engineered high efficiency solar powered LED lighting charge regulator and optimisation units designed to drive high efficiency solar lighting and digital display products.

Activated via dusk or on activation of a switch input or infrared device, the controller is optimised to preserve the battery against excessive drain, regulate charging and prevent overcharging.

Highly flexible, the system designs ensures they can take a large variety of Solar PV modules.

Energy Saving Algorithm

The EMS system utilizes software based energy saving algorithms which allows the controller to continuously assess the battery condition and to adjust the output of the LED lighting units accordingly. This ensures the batteries are never drained to a detrimental level.





Solar RTI & Electronic Information Displays System

Trueform are leaders in the development of low power electronic displays and RTI displays.

Please refer to our Electronic Display Section or contact us for further details of our full range of products.



TfL Solar Bus Stop System

Introduction

Manufactured, installed and maintained by Trueform, leading solar bus stop product and bus stop solar electronics system. Provides illumination of flag and timetable display throughout the hours of darkness.

Client:

Transport for London

Product:

Solar Powered Bus Stop Information System

Specification:

- Glass Tedlar PV Solar Array
- Bi-Pass Diodes
- Energy Management & Charge Regulator
- LED Flag Down Lights & Timetable Display
- 17,000 sites throughout Greater London
- Solar Lighting
- Solar Audio Announcement Option
- Solar Electronic RTI Display Option

Refer to 'Bus Stops' section for further details











Elite Solar Bus Stop System

Introduction

Manufactured, installed and maintained by Trueform, leading entry level solar bus stop product and bus stop solar electronics system. Provides illumination of flag throughout the hours of darkness and the display case by simply pushing the illuminated solar push button.

Clients:

Many clients throughout the UK, USA and Canada

Product:

Solar Powered Bus Stop Information System

Specification:

- High Output PV Solar Array
- Bi-Pass Diodes
- Energy Management & Charge Regulator
- LED Flag Down Lights & Timetable Display
- Solar Lighting
- Solar Audio Announcement Option
- Solar Electronic RTI Display Option

Refer to 'Bus Stops' section for further details









Solar Bus Shelter Systems Ref: 7A 004

Solar Bus Shelter Systems

Custom Made Solar Shelter Systems

Trueform supply a range of solar lighting modules for a wide range of bus shelter designs, including flat, curved and pitch roof configurations.

Trueform's solar lighting systems can be custom made to fit new shelters or retro fit existing shelters to suit all customer requirements.

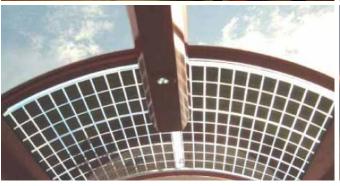
Features Include

- LED Energy Efficient Lighting Modules
- Energy Management System
- High Performance Solar Panels
- Specialist Wiring Loom Assemblies
- Long Life High Performance Solar Batteries
- Passive Infra-Red Detection
- Auto System Management & Power Save
- Light Output Adjustment 'bright up' facility











Solar Signage & Display Systems

Trueform are leaders in the manufacture of solar powered LED signage systems.

Please contact our sales team for further details on our full range of products and services in this sector.



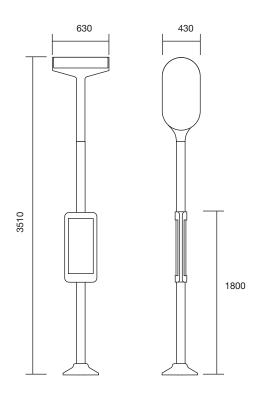






Solar Taxi Stop Ref: 7A 006

Solar Taxi Stop











UAE Solar Info Stop System Ref: 7A 007

UAE Solar Info Stop System

Solar powered bus stop information systems for Abu Dhabi Department of Transport UAE.

Design, manufacture, installation and maintenance by Trueform.





Solar Passenger Information Display Unit

Solar powered timetable information systems for Abu Dhabi Department of Transport UAE.

Design, manufacture, installation and maintenance by Trueform.





Section 08

TfL Approved Products



trueform

TfL Approved Products

Product Name	Reference	Product Name	Reference	Product Name	Reference
Section A - Roundels & Station Identifiers		TfL Publicity Frames - DRU - MK4	8B 009.1	Section C - Service Information & Service	
Station & Interchange Totems Double Sided	8A 001	TfL Publicity Frames - QRU	8B 010	Update Boards	
Station & Interchange Totems Three Sided	8A 002	TfL Publicity Frames - QRU - MK4	8B 010.1	Service Information Board - LUL	8C 001
Station & Interchange Totems Four Sided	8A 003	TfL Publicity Frames - Fares	8B 011	Service Update Board - London Buses	8C 002
Station & Interchange Totems Wall Mounted Cantilever	8A 004	TfL Publicity Frames - SCP	8B 012	Service Information Board - Rivers	8C 003
Javelin / Centurian Roundels Cantilever	8A 005	TfL Leaflet Rack	8B 013	Service Information Board - Overground	8C 004
Wall Mounted Flat Roundels	8A 006	Graphic Information Header Panel for	8B 014	Service Update Board - LUL	8C 005
Freestanding Roundels Type A - Solar Powered	8A 007	TfL Publicity Frames		Service Update Board - Overground Type A	8C 006
Freestanding Roundels Type B - Solar Powered	8A 008	Graphic Footer Panel & Leaflet Rack Publicity Frames	8B 015	Electronic Whiteboard	8C 007
Freestanding Roundels Type C	8A 009	Side Infill Panels TfL Publicity Frames	8B 016	Service Information / Update Board Wall Mounted	8C 008
Legible London Interchange Totem	8A 010	DDRU Publicity Frame London Buses	8B 017	- Various TfL Divisions	
		DQRU Publicity Frame London Buses	8B 018	Service Update Board - London Buses	8C 009
Section B - Signage, Signage Systems		Millenium TfL Freestanding Displays	8B 019	Magnetic Graphic Labels for Service Update Boards	8C 010
& Publicity Displays		Millenium TfL Freestanding Displays	8B 020	Service Information Board HEX & GEX - Type A	8C 011
Local Signage	8B 001	With Graphics Header Panel - QRU's		Service Information & Update Board Leaflet Racks	8C 012
Bus Stopping Points	8B 002	Millenium TfL Freestanding Displays With Graphics Header Panel - DRU's	8B 021	Service Information Board & Clix Style DRU or A1 Display Frame	8C 013
Vinyl Signage	8B 003	Recessed Publicity Display Arrangements	8B 022	Service Information Board & TfL New Style	8C 014
Vitreous Enamel Station & Platform Signage	8B 004	Wall Mounted TfL Centurian Displays	8B 023	DRU Display Frame	00 011
Wayfinding Finger Post	8B 005	Freestanding TfL Centurian Displays	8B 024	Tensonator Barrier Clips for Service Information Board	8C 015
Wall Mounted Directional Slat Sign System	8B 006	Centurian Wayfinding	8B 025	Electronic Service Update Boards ESUB - Type A	8C 016
Tramlink Signage Systems	8B 007	G004 - Freestanding Displays	8B 026	Electronic Service Update Boards ESUB - Type B	8C 017
Finger Post Signage	8B 008	Freestanding Displays - Rivers	8B 027	- Freestanding	
TfL Publicity Frames - DRU	8B 009	Station Closed Boards	8B 028		





TfL Approved Products

Product Name	Reference	Product Name	Reference	Product Name	Reference
Section C - Service Information & Service		Section E - Shelters, Canopies, Walkways, Glazed		Anti Vandal Rail Waiting Shelter	8E 020
Update Boards		Screens, Windbreaks, Waiting Rooms, Staff		Glazed Wind-breaks	8E 021
Electronic Service Update Boards ESUB - Type B	8C 018	Accommodation & Assistant Units		Glazed Screens	8E 022
- Wall Mounted		Landmark London Shelter	8E 001	Redhill Bus Station Waiting Room	8E 023
Electronic Service Update Boards ESUB - Type C	8C 019	Landmark Bow Shelter	8E 002	Stratford Waiting Area Shelter	8E 024
Electronic Service Update Boards ESUB - Type D	8C 020	Landmark Bullet Shelter	8E 003		
Electronic Whiteboard	8C 021	Landmark Plate Shelter	8E 004	Section F - Bus Station & Interchanges	
Bus Information Totem	8C 022	River Services Shelters	8E 005	Bespoke Architectural Metalworks & Fabrication	
		TfL Station Entrance Canopies	8E 006	Station Infrastructure & Fabrication	8F 001
Section D - Bus Stops, Taxi Stops & Temporary		Taxi Shelter	8E 007	Station Architectural Metalwork Bus & Rail Section	8F 002
Bus Stops		Taxi Mini Totem	8E 008		
TfL Bus Stops	8D 001	Westfield Glazed Screens	8E 009	Section G - Legible London Wayfinding	
M002 - Bus Stops	8D 002	Station Entrance Canopies	8E 010	Signage Systems	
Bus Stop Info Drum	8D 003	Wembley Shelter	8E 011	Legible London Wayfinding Signage - Liths	8G 001
Solar Taxi Stop	8D 004	Wembley Canopy & Walkway	8E 012	Legible London Microlith with Solar Halo	8G 001.1
Classic Temporary Bus Stop	8D 005	Custom Canopies	8E 013	Legible London Interchange Totem	8G 001.2
Halo Temporary Bus Stop	8D 007	Bespoke Interchange & Station Shelters	8E 014	Legible London Wayfinding Signage - Wall Mounted	8G 002
		Gateline Attendant's Point	8E 015	Legible London Wayfinding Signage - Finger Posts	8G 003
		Staff Accommodation Pod	8E 016	Legible London Lamp Column Finger Signs	8G 004
		DLR Cycle Shelter	8E 017	Legible London Wayfinding Signage Centre Mounted	8G 004.1
		Tramlink Shelter Upgrade & Platform Furniture	8E 018	Finger Post	00 004.1
		Prestige Rail Waiting Shelter	8E 019	Canary Wharf Wayfinding System	8G 004.2
				Legible London Pedestrian Wayfinding - Wall Mounted Slats	8G 005

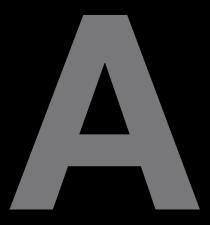




TfL Approved Products

Product Name	Reference	Product Name	Reference	Product Name	Reference
Section G - Legible London Wayfinding		Electronic Service Update Boards ESUB	81 008	Barriers - Internal	8L 007
Signage Systems		- Type C		CCTV Systems for Transport Environments	8L 008
Specialist Signage Graphics & Mapping Production	8G 006	RTM Ticket Machine Cloak	81 009	PA Systems & Speakers	8L 009
Vitreous Enamel Wayfinding Signage	8G 007	MK 2 Help Points - Type A	81 010		
Graphics Production		MK 2 Help Points - Type B	81 011		
Interactive Wayfinding	8G 008				
		Section J - Seating & Litter Bins Section			
Section H - Cycle Super Highway		Centro Wall Mounted Seating	8J 001		
Cycle Super Highway Totems	8H 001	Used Ticket Bins	8J 005		
Section I - Electronic Displays, Kiosks		Section K - Solar Power Systems			
& Help Points		Solar Lighting System for Shelters	8K 001		
Countdown RTI Displays	81 001				
Underground Electronic Displays	81 002	Section L - Station & Interchange Accessories			
Ticket Window Electronic Display	81 003	Cycle Racks - Sheffield	8L 001		
Interactive Touch Screens & Information Kiosks	81 004	Y001 - Bollards	8L 002		
Electronic Service Update Boards ESUB Type A	81 005	Highway Impact Metal Bollards Counter Terror & Security Solutions	8L 003		
Electronic Service Update Boards ESUB	81 006	Balustrade & Handrails	8L 004		
Type B - Freestanding		Platform End Barrier	8L 005		
Electronic Service Update Boards ESUB - Type B - Wall Mounted	8I 007	Pavement Swing Gate	8L 006		





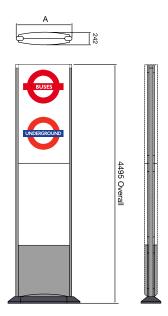
Roundels & Station Identifiers

Station & Interchange Totems Double Sided

Station & Interchange Totems Double Sided

Wide range of available configurations:

- With/without DRU display case
- Internally Illuminated LED Roundels
- Digital Clock
- Range of custom graphics & roundels





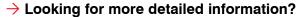












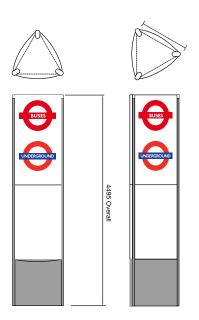


Station & Interchange Totems Triple Sided

Station & Interchange Totems Triple Sided

Wide range of available configurations:

- With/without DRU display case
- Internally Illuminated LED Roundels
- Digital Clock
- Range of custom graphics & roundels













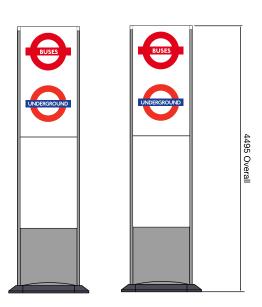


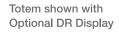
Station & Interchange Totems Four Sided

Station & Interchange Totems Four Sided

Wide range of available configurations:

- With/without DRU display case
- Internally Illuminated LED Roundels
- Digital Clock
- Range of custom graphics & roundels



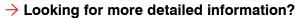








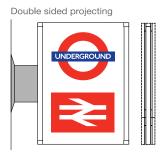




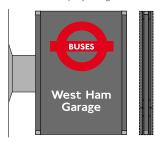


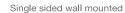
Station & Interchange Totems Wall Mounted Cantilever

- Wide range of available configurations:
- Internally Illuminated LED Roundels
- Range of custom graphics & roundels



Buses specific Double sided projecting







Buses specific Single sided wall mounted













Javelin / Centurian Roundels Cantilever

- Wall Mounted
- Internally illuminated options also available
- Fully manufactured in house

Projecting with Javelin double sided

















→ Looking for more detailed information?







Wall Mounted Flat Roundels Ref: 8A 006

Wall Mounted Flat Roundels

- Wall Mounted
- Internally illuminated options also available







Freestanding Roundels Type A - Solar Powered

Ref: 8A 007

Freestanding Roundels Type A - Solar Powered

- Wall Mounted
- Internally illuminated options also available
- Fully manufactured in house

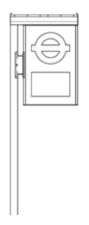




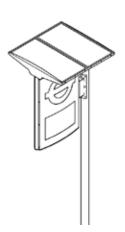
Freestanding Roundels Type B - Solar Powered

Freestanding Roundels Type B - Solar Powered

- Wall Mounted & Freestanding Options
- Internally illuminated options also available
- Fully manufactured in house









Freestanding Roundels Type C

Ref: 8A 009

Freestanding Roundels Type C

Internally illuminated & solar options also available.



Legible London Interchange Totem

Ref: 8A 010

Legible London Interchange Totem





Option B showing different transport modes









UNDERGROUND

Paddington







Signage, Signage Systems & Publicity Displays



Local Signage Ref: 8B 001

Local Signage





Bus Stopping Points Ref: 8B 002

Bus Stopping Points





Vinyl Signage Ref: 8B 003

Vinyl Signage

Digitally-printed, self-adhesive UPVC vinyl signs are particularly useful for providing effective signage in temporary situations and environments.





Vitreous Enamel Station & Platform Signage

Vitreous Enamel Station & Platform Signage











Wayfinding Fingerpost Ref: 8B 005

Wayfinding Fingerpost

High quality passenger and pedestrian wayfinding signage system. Adaptable to display a large number of individual finger slate in a clear and concise format.

Easy upgrading and ongoing maintenance.

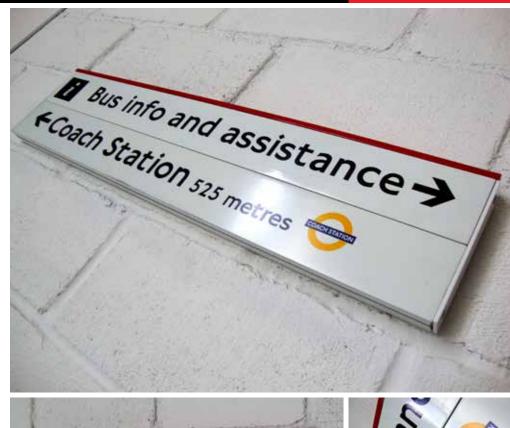
Available in the following materials / finishes:-

- Brushed Stainless Steel
- Shot Peened Stainless Steel
- Powder Coated Any RAL Colour



Wall Mounted Directional Slat Sign System

Wall Mounted Directional Slat Sign System









Tramlink Signage Systems Ref: 8B 007

Tramlink Signage Systems

Digitally-printed, self-adhesive PVC vinyl signs are particularly useful for providing effective signage in temporary situations and environments.









Finger Post Signage Ref: 8B 008

Finger Post Signage

Information wayfinding finger posts provide customers with directions and descriptions of station amenities and local features in both written and pictogram form.

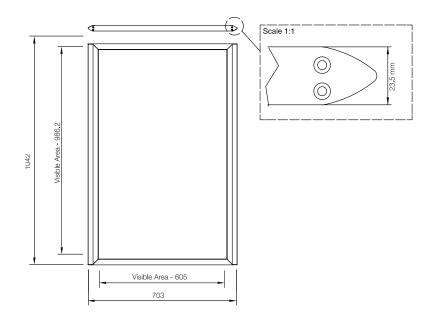
Truefrom provide a range of designs to suit all requirements.

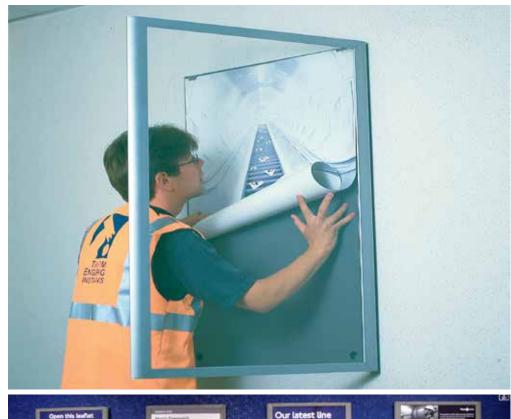


TfL Publicity Frames - DRU Ref: 8B 009

TfL Publicity Frames - DRU

- DRU Size (MK 3 Design)
- Available in all TfL colours



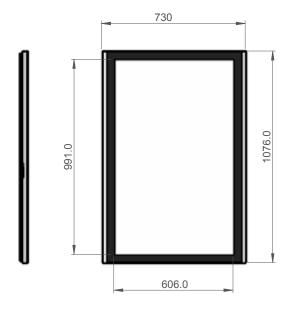


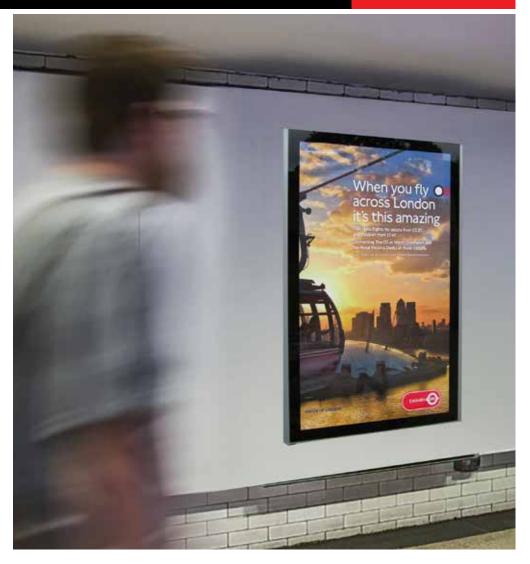




TfL Publicity Frames - DRU -MK4

- DRU Size (MK 4 Design)
- Available in all TfL colours





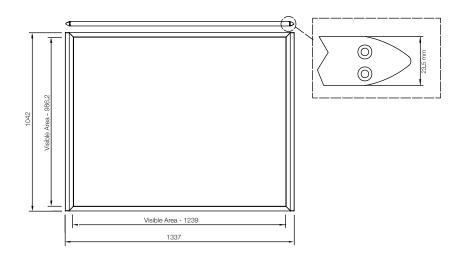


TfL Publicity Frames - QRU Ref: 8B 010

TfL Publicity Frames - QRU

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.





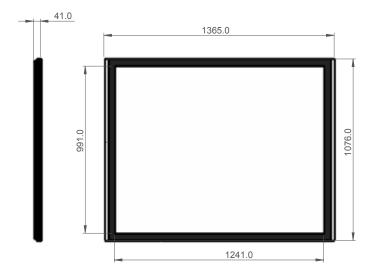


TfL Publicity Frames - QRU - MK4

TfL Publicity Frames - QRU - MK4

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.



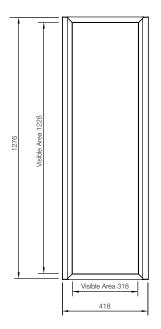


TfL Publicity Frames - Fares Ref: 8B 011

TfL Publicity Frames - Fares

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.





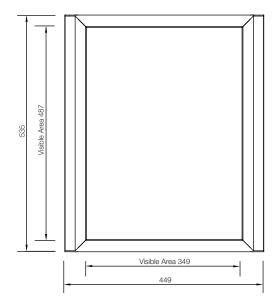


TfL Publicity Frames - SCP Ref: 8B 012

TfL Publicity Frames - SCP

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.



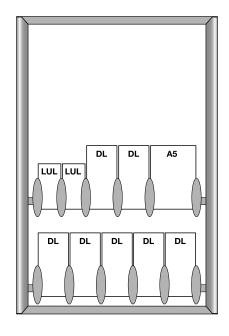




TfL Leaflet Rack Ref: 8B 013

TfL Leaflet Rack

- Leaflet Racks for TfL's DRU Size Publicity Frames
- Can be retro fitted to existing frames
- Fully adjustable to suit different leaflet sizes





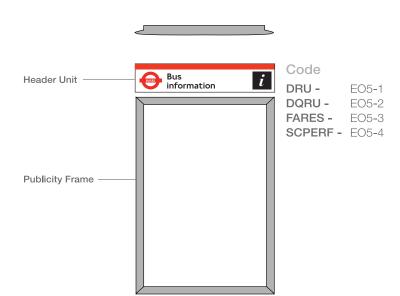
Graphic Information Header Panel for TfL Publicity Frames

Graphic Information Header Panel for TfL Publicity Frames

Header graphics unit matches TfL frame profile. Supplied in widths to suit all frame sizes and custom graphics to suit clients requirements.

Material & Graphic Options:-

- Powder coated with die cut vinyl graphics
- Powder coated with screen printed graphics
- Vitreous enamel







Graphic Footer Panel & Leaflet Rack Publicity Frames

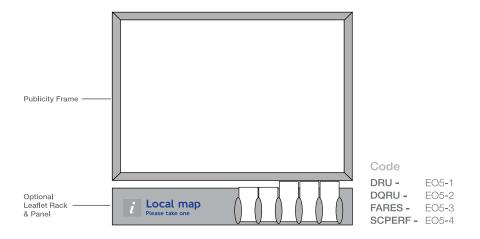
Graphic Footer Panel & Leaflet Rack Publicity Frames

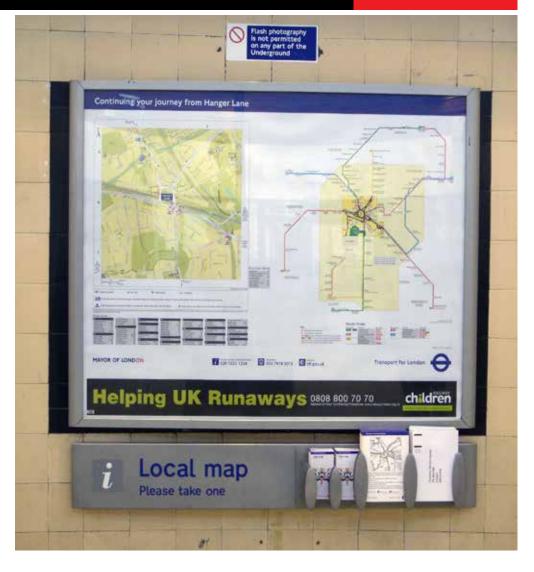
Header graphics unit matches TfL frame profile. Supplied in widths to suit all frame sizes and custom graphics to suit clients requirements.

- TfL style leaflet rack
- Qty of racks to clients requirements

Material & Graphic Options:-

- Powder coated with die cut vinyl graphics
- Powder coated with screen printed graphics
- Vitreous enamel







Side Infill Panels TfL Publicity Frames

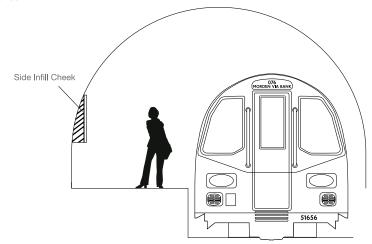
Side Infill Panels TfL Publicity Frames

Trueform provide a custom manufacturing service for publicity display side infill panels and support brackets.

Underground walls vary from site to site and each poster installation will require an individual site survey and custom panels manufactured to suit the exact station wall profile.

Services Include:-

- Site surveys
- On-site template production
- Manufacture
- Site fitting if required





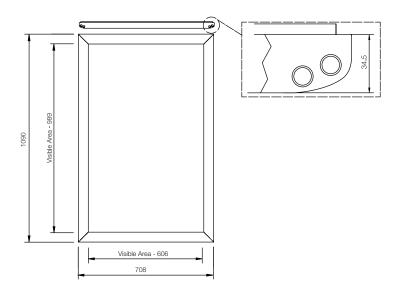


DDRU Publicity Frame London Buses

DDRU Publicity Frame London Buses

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.





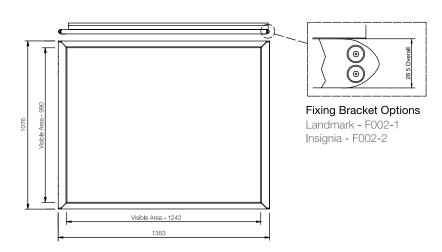


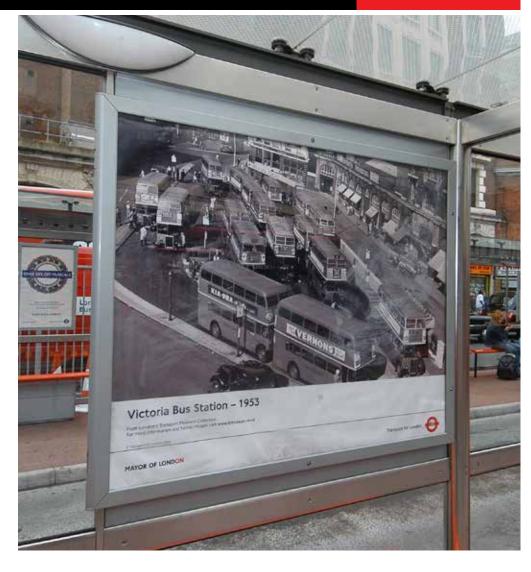
DQRU Publicity Frame London Buses

DQRU Publicity Frame London Buses

Trueform's range of information display cases have been specifically designed for both internal and external rider waiting environments.

The elegant frames are manufactured with robust, long lasting materials and finishes, and provide a high level of information for service information, maps and timetables.



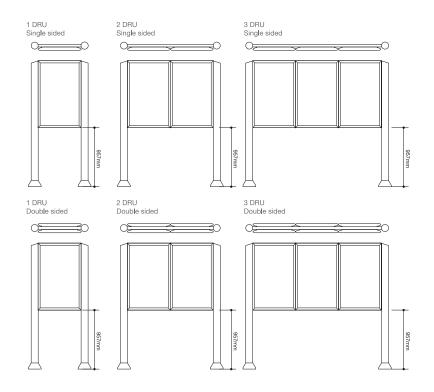


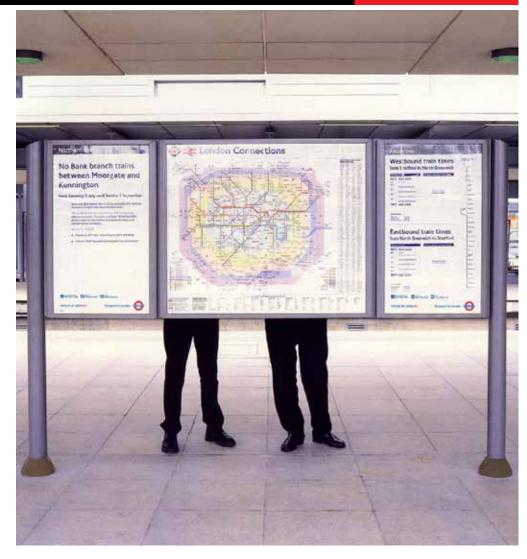


Millenium TfL Freestanding Displays

Millenium TfL Freestanding Displays

Please ask for full range of sizes & configurations



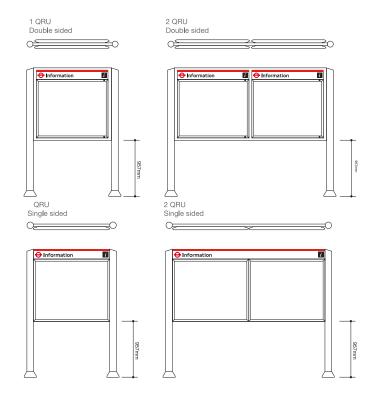


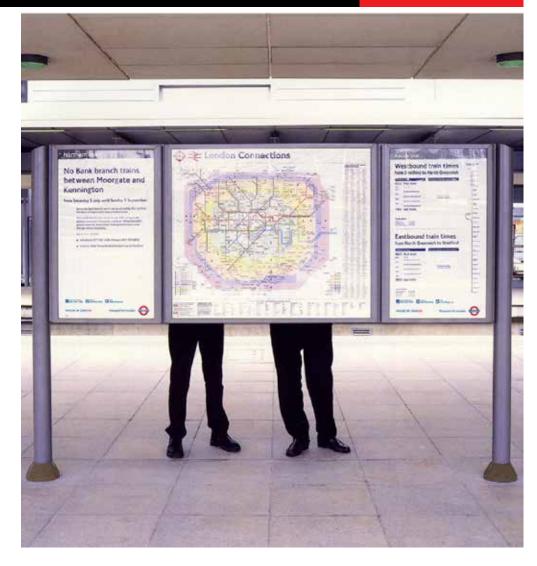


Millenium TfL Freestanding Displays with Graphics Header Panel - QRUS's

Millenium TfL Freestanding Displays with Graphics Header Panel - QRU's

Please ask for full range of sizes & configurations







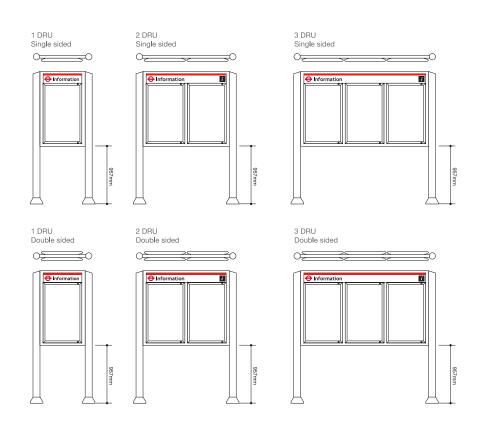


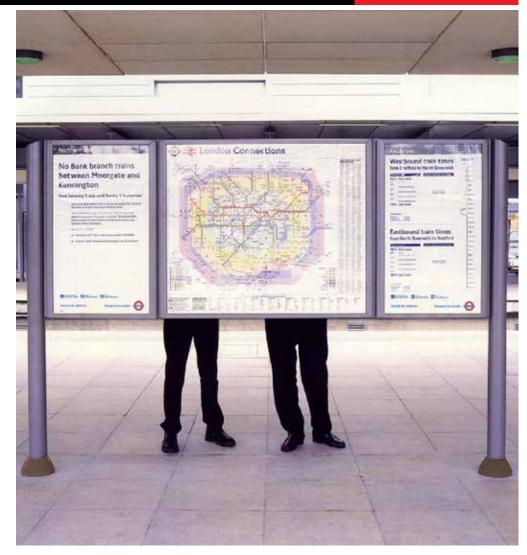


Millenium TfL Freestanding Displays with Graphics Header Panel - DRU's

Millenium TfL Freestanding Displays with Graphics Header Panel - DRU's

Please ask for full range of sizes & configurations



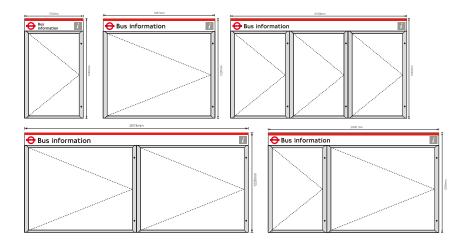




Recessed Publicity Display Arrangements

Recessed Publicity Display Arrangements

Display cases & graphic header units can be supplied in a recessed frame for flush mounting into station wall cladding.





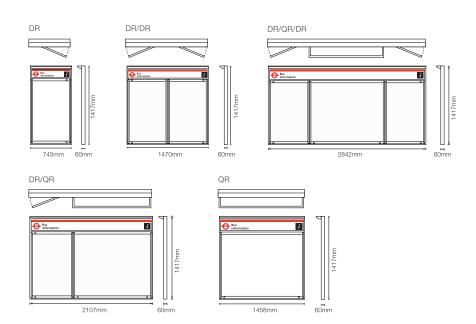


Wall Mounted TfL Centurian Displays

Wall Mounted TfL Centurian Displays

Incorporating:-

- External frame surround
- Graphics header panel
- Top and bottom decorative feature





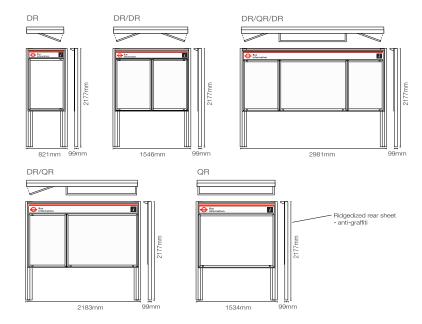
Freestanding TfL Centurian Displays

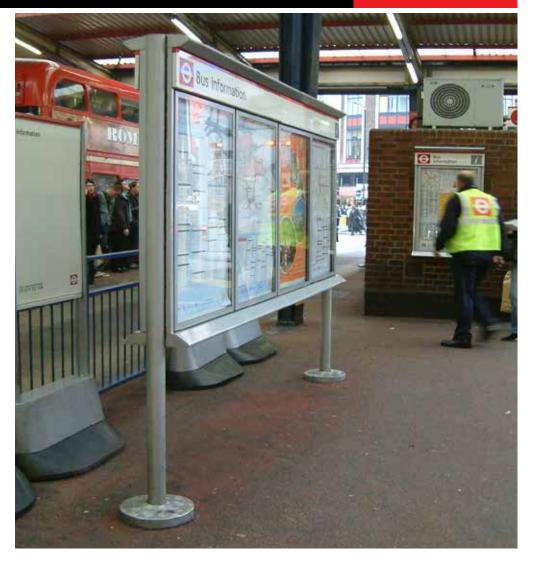
Freestanding TfL Centurian Displays

Incorporating:-

- External frame surround
- Graphics header panel
- Top and bottom decorative feature
- Single and double sided configurations

Ask for full range of sizes and configurations



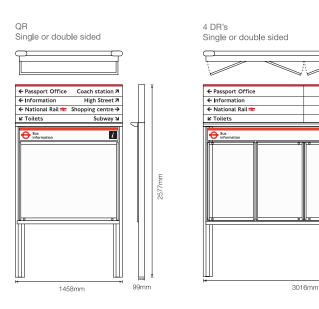




Centurian Wayfinding Ref: 8B 025

Centurian Wayfinding

Optional wayfinding graphics panels for wall mounted and freestanding TfL Centurian displays.





High Street 7

Shopping centre →

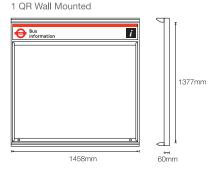
800mm



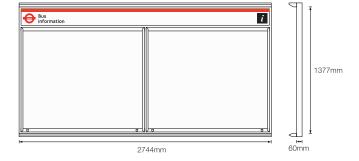
G004 - Freestanding Displays

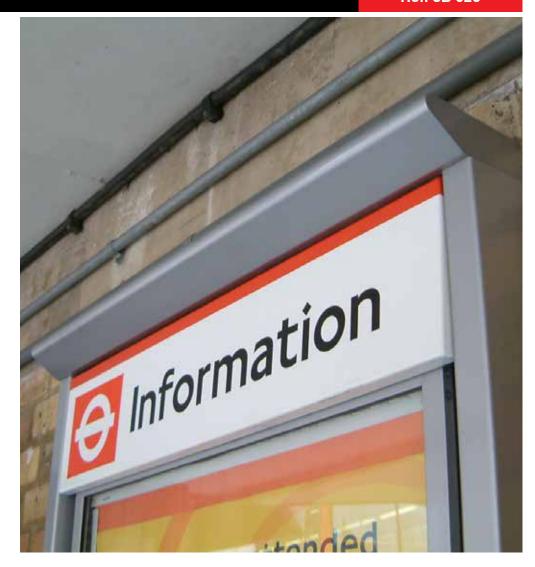
G004 - Freestanding Displays

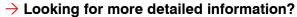
QR Wall Mounted









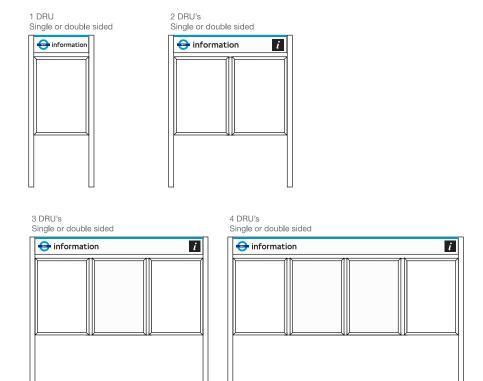






Freestanding Displays - Rivers

Freestanding Displays - Rivers

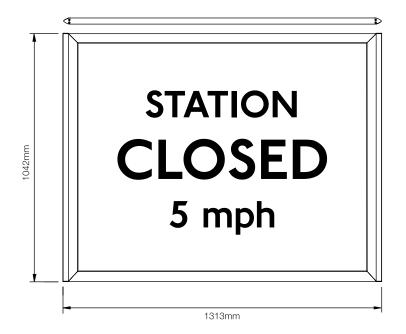




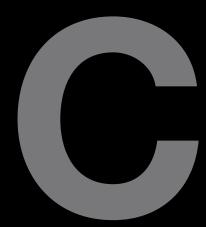


Station Closed Boards Ref: 8B 028

Station Closed Boards





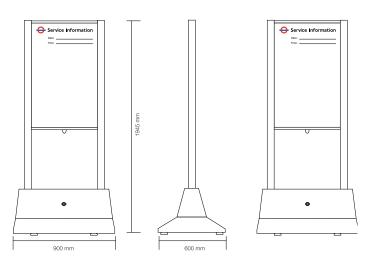


Service Information & Service Update Boards

Service Information Board - LUL Ref: 8C 001

Service Information Board - LUL

Vitreous enamel both sides with Poster Clips







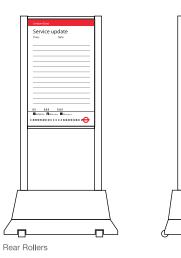




Service Update Board - London Buses

Service Update Board - London Buses

Vitreous enamel both sides with Poster Clips





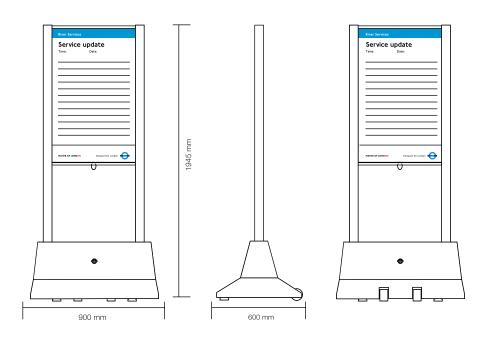


Service Information Board - Rivers

Ref: 8C 003

Service Information Board - Rivers

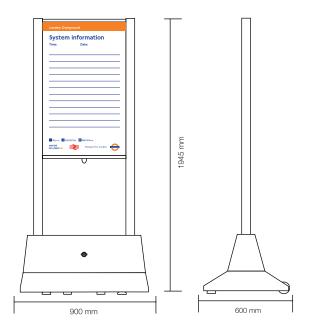
Vitreous enamel both sides with Poster Clips





Transport for London





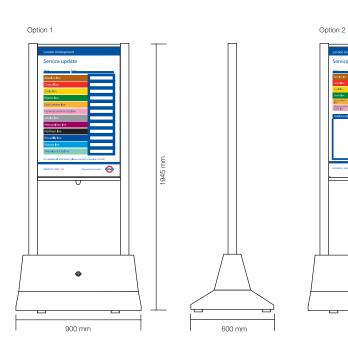




Service Update Board - LUL Ref: 8C 005

Service Update Board - LUL

Vitreous enamel with magnetic labels





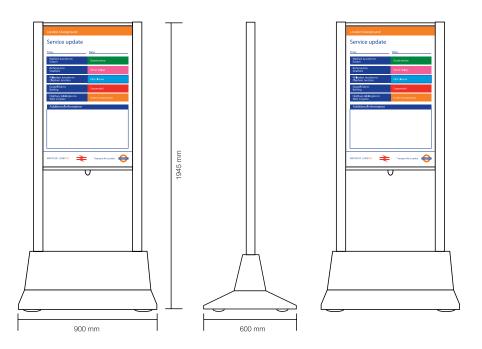




Service Update Board - Overground Type A

Service Update Board - Overground Type A

Vitreous enamel with DR Poster Clips







Electronic Whiteboard Ref: 8C 007

Electronic Whiteboard

Underground compliant electronic display screen in TfL's service information board format.

Can display any presentation / moving images.







Service Information/Update Board Wall Mounted - Various TfL Divisions

Service Information/Update Board Wall Mounted - Various TfL Divisions

- Wall Mounted Service Information & Update Boards
- DRU Size
- Vitreous Enamel













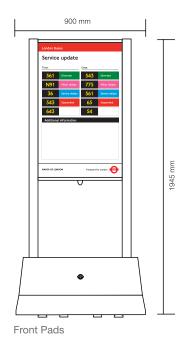


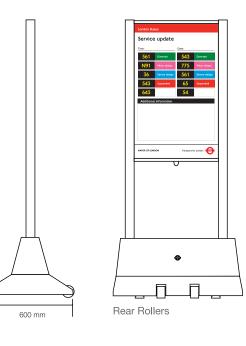


Service Update Board - London Buses

Service Update Board - London Buses

Vitreous enamel both sides with magnetic labels







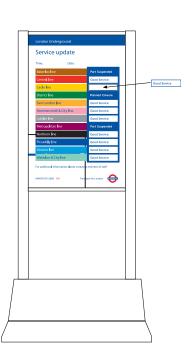


Magnetic Graphic Labels for Service Update Boards

Magnetic Graphic Labels for Service Update Boards

Magnetic service update labels Custom made with any graphic / message





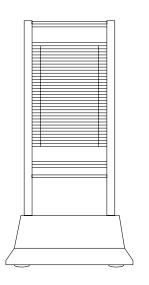


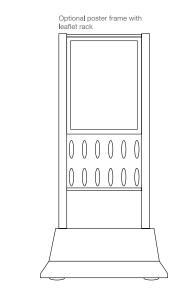




Service Information Board HEX & GEX - Type A

Heathrow & Gatwick Express Service Information Board Spandex slats signage system



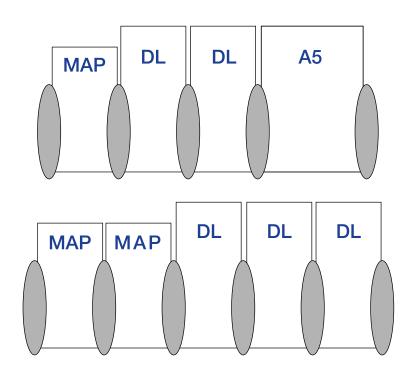






Service Information & Update Board Leaflet Racks

Heathrow & Gatwick Express Service Information Board Spandex slats signage system



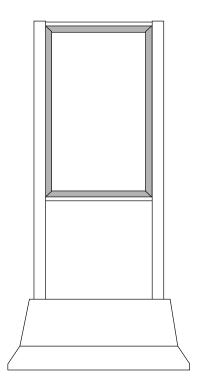




Service Information Board & Clix Style DRU or A1 Display Frame

Service Information Board & Clix Style DRU or A1 Display Frame

With Clix Frame fitted - single or double sided



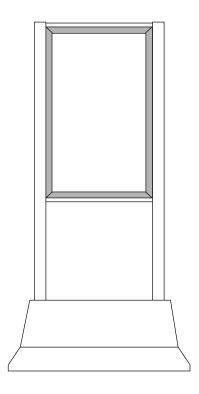




Service Information Board & TfL New Style DRU Display Frame

Service Information Board & TfL New Style DRU Display Frame

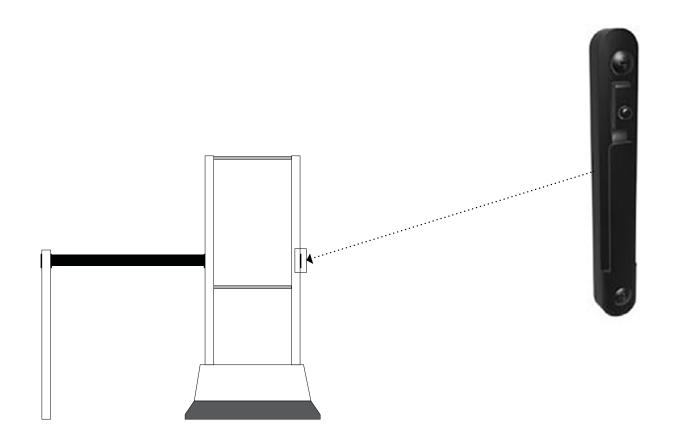
With TfL Publicity Frame fitted - single or double sided





Tensonator Barrier Clips for Service Information Board

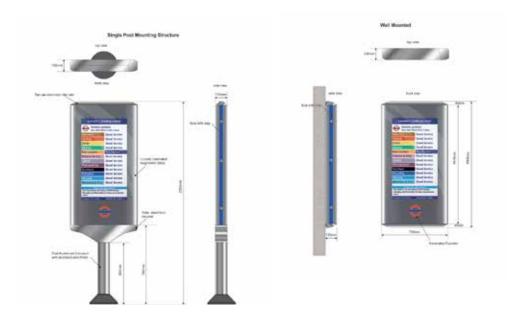
Tensonator Barrier Clips for Service Information Board





Electronic Service Update Boards ESUB - Type A

Electronic Service Update Boards ESUB - Type A







Electronic Service Update Boards ESUB - Type B - Freestanding

Electronic Service Update Boards ESUB - Type B - Freestanding





Electronic Service Update Boards ESUB - Type B - Wall Mounted

Electronic Service Update Boards ESUB - Type B - Wall Mounted





Electronic Service Update Boards ESUB - Type C

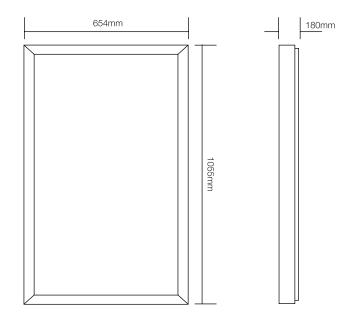
Electronic Service Update Boards ESUB - Type C





Electronic Service Update Boards ESUB - Type D

Electronic Service Update Boards ESUB - Type D







Electronic Whiteboard Ref: 8C 021

Electronic Whiteboard

Underground compliant electronic display screen in TfL's service information board format.

Can display any presentation / moving images.







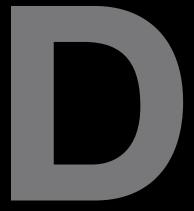
Bus Information Totem Ref: 8C 022

Bus Information Totem

Available in a range of sizes and configurations, these elegantly designed Bus Information Totems have been specifically designed for high profile display of bus information, showing the direction, next bus due and which bus stop to go to.

Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.





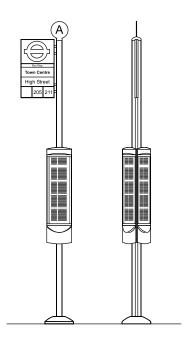
Bus Stops, Taxi Stops & Temporary Bus Stops



TfL Bus Stops Ref: 8D 001

TfL Bus Stops

Trueform manufacture, install and maintain the entire range of new aluminium and stainless steel bus stop designs for London Buses.









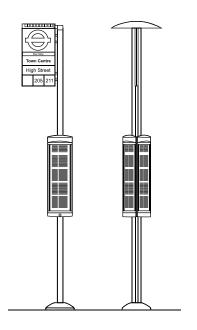




M002 - Bus Stops Ref: 8D 002

M002 - Bus Stops

Trueform manufacture, install and maintain all of London Buses solar illuminated bus stops







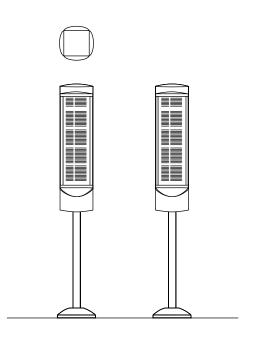






Bus Stop Info Drum Ref: 8D 003

Bus Stop Info Drum



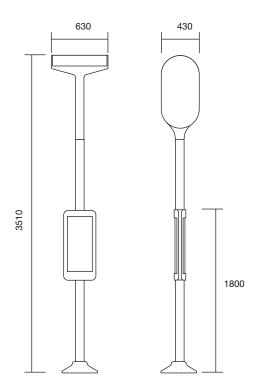




Solar Taxi Stop Ref: 8D 004

Solar Taxi Stop

Solar illuminated TfL Taxi Information Stop







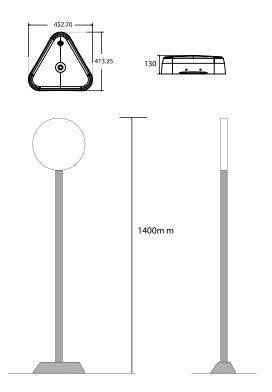




Transport for London

Classic Temporary Bus Stop Ref: 8D 005

Classic Temporary Bus Stop







Halo Temporary Bus Stop Ref: 8D 007

Halo Temporary Bus Stop



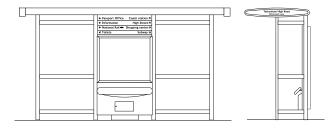
Shelters, Canopies, Walkways, Glazed Screens, Windbreaks, Waiting Rooms, Staff Accommodation & Assistance Units



Landmark London Shelter Ref: 8E 001

Landmark London Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
- Contemporary architectural aesthetics & detailing
- Engineering grade construction & materials
- Future proofed & technology enabled
- Incorporates Intelligent, electronic transport hardware
- Optimum passenger protection, comfort & safety
- Ultimate transport marketing platform
- Robust and vandal resistant
- Range of high grade material & finish options for long lasting performance
- Quick release yet tamper proof features for rapid, cost effective maintenance
- Compliant with BSI structural standards & regulations
- Fully DDA & ADA compliant
- Ability to accept RTPI displays, CCTV, audio PA, solar, kiosks and other advanced information systems
- Range of foundation and installation options available
- Range of glazing materials and options available
- Special 'shock absorbing' glazing retention system
- The choice of many major Cities











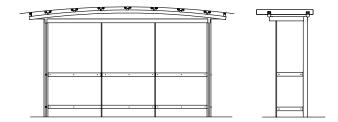


Landmark Bow Shelter Ref: 8E 002

Landmark Bow Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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Original design for Clear Channel











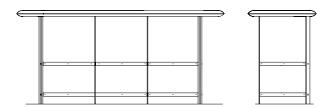


Landmark Bullet Shelter Ref: 8E 003

Landmark Bullet Shelter

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Original design for Clear Channel











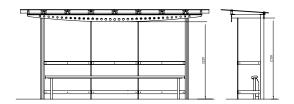


Landmark Plate Shelter Ref: 8E 004

Landmark Plate Shelter

- Available in a range of configurations & sizes
- Modular, flexible & innovative design & construction
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- The choice of many major Cities

Original design by Clear Channel - Produced under licence by Trueform for Transport for London













River Services Shelter Ref: 8E 005

River Services Shelter

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TfL Station Entrance Canopies

TfL Station Entrance Canopies

Trueform is a leading company in the design, manufacture and erection of high-quality station, airport and underground building infrastructure.

Working with top clients, architects and contractors, Trueform meets the individual needs of customers who expect the very best.

Trueform offers worldwide experience certified quality, service and support in every project phase.

The scope of work includes technical sales advice, budget pricing, tendering, CAD design, engineering, manufacture, finishing, supply and site installation/fitting of any type of Construction related fabricated metal works.

Specialist Areas of Operation

- Construction Related Fabrication Services
- Airport & Transport Infrastructure Fabrication
- Industrial Machine Special Fabrication
- Stainless Steel Fabrication
- Aluminium Fabrication
- CAD Design
- Product Management
- Installation and Site Fitting
- Modular Construction and Site Erection
- Specialist Finishing
- Elevator Engineering Services





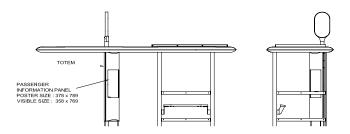




Taxi Shelter Ref: 8E 007

Taxi Shelter

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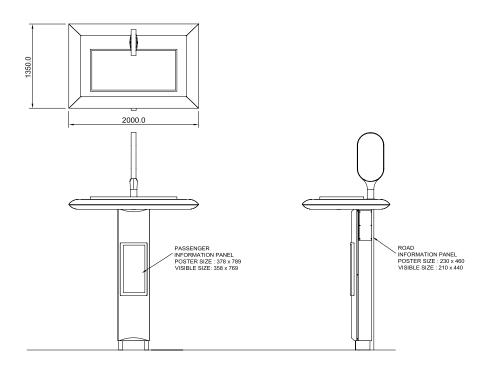






Taxi Mini Totem Ref: 8E 008

Taxi Mini Totem







Westfield Glazed Screens Ref: 8E 009

Westfield Glazed Screens

Trueform have designed, manufactured, installed and maintained these glazed screens for Westfield bus station and other transport related locations throughout the UK.







TfL Station Entrance Canopies Ref: 8E 010

TfL Station Entrance Canopies









Wembley Shelter Ref: 8E 011

Wembley Shelter











Wembley Canopy & Walkway

Wembley Canopy & Walkway

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- Airport & Transport Infrastructure Fabrication
- Industrial Machine Special Fabrication
- Stainless Steel Fabrication
- Aluminium Fabrication
- CAD Design
- Product Management
- Installation and Site Fitting
- Modular Construction and Site Erection
- Specialist Finishing
- Elevator Engineering Services











Custom Canopies Ref: 8E 013

Custom Canopies

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Bespoke Interchange & Station Shelters

Bespoke Interchange & Station Shelters

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Gateline Attendant's Point Ref: 8E 015

Gateline Attendant's Point



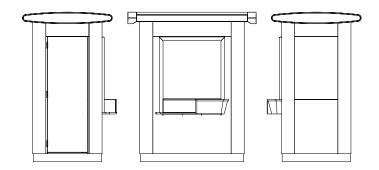


Staff Accommodation Pod Ref: 8E 016

Staff Accommodation Pod

A wide range of sizes, and configurations are available for a multitude of uses throughout the transport network.

- Ticket booths
- Information kiosks
- Retail outlets
- Storage units etc









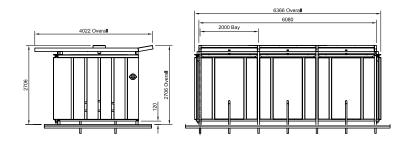




DLR Cycle Shelter Ref: 8E 017

DLR Cycle Shelter











Tramlink Shelter Upgrade & Platform Furniture

Ref: 8E 018

Tramlink Shelter Upgrade & Platform Furniture













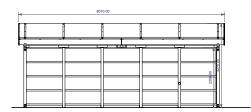


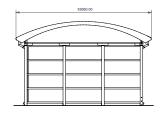


Prestige Rail Waiting Shelter

Prestige Rail Waiting Shelter

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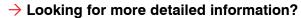
















Anti Vandal Rail Waiting Shelter

Anti Vandal Rail Waiting Shelter

Designed specifically for rail platforms and bus waiting applications, the robust Metroplan anti-vandal stainless steel shelters are capable of resisting the most determined of vandals by the introduction of a stainless steel structure and special stainless steel glazing system. Stainless steel shelters have been proven to significantly reduce maintenance costs, particularly on unmanned rail stations and vandal prone bus shelter sites.

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Glazed Wind Breaks Ref: 8E 021

Glazed Wind Breaks





Glazed Screens Ref: 8E 022

Glazed Screens





Redhill Bus Station Waiting Room

Redhill Bus Station Waiting Room

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Stratford Shelter Ref: 8E 024

Stratford Shelter

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Bus Station & Interchanges Bespoke Architectural Metalwork & Fabrication



Station Infrastructure & Fabrication

Station Infrastructure & Fabrication



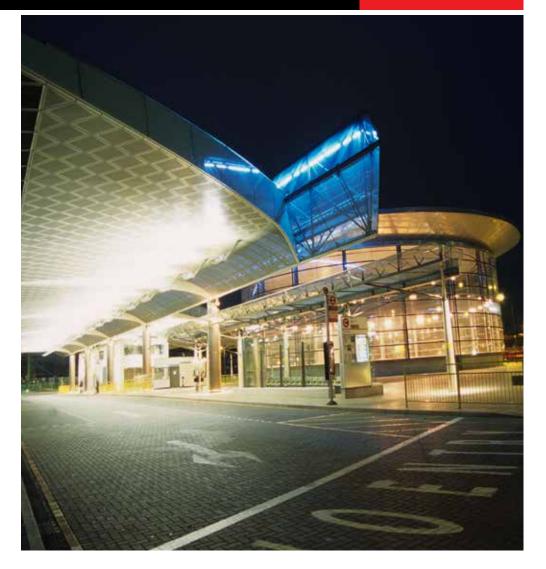






Station Infrastructure & Fabrication Ref: 8F 002

Station Infrastructure & Fabrication







Station Architectural Metalwork Bus & Rail









Legible London Wayfinding Signage System

Legible London Wayfinding Signage - Liths

Ref: 8G 001

Legible London Wayfinding Signage - Liths







Ref: 8G 001.1

Legible London Microlith with Solar Illuminated Halo









Legible London Interchange Totem

Ref: 8G 001.2

Legible London Interchange Totem





Option B showing different transport modes



BUSES









Option C





UNDERGROUND

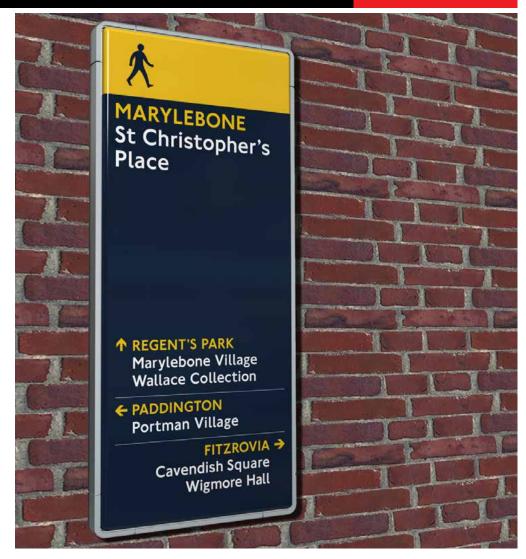








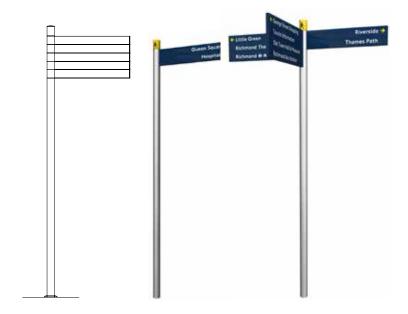
Legible London Wayfinding Signage - Wall Mounted





Legible London Wayfinding Signage - Finger Posts

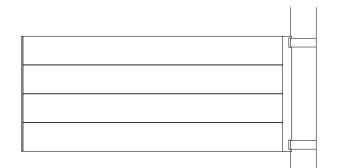
Legible London Wayfinding Signage - Finger Posts

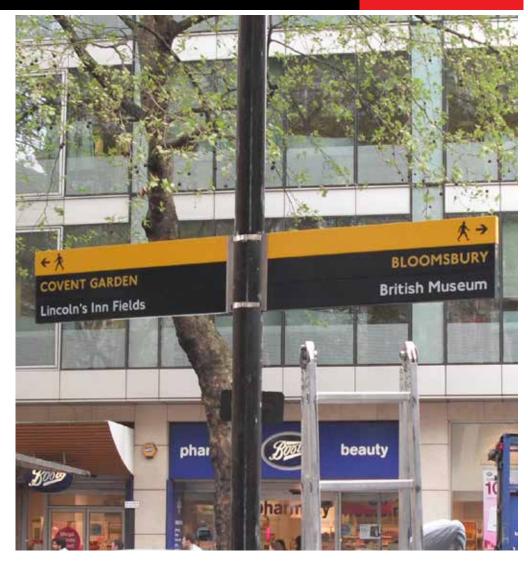






Legible London Lamp Column Finger Signs







Legible London Wayfinding Signage

- Centre Mounted Finger Post





Canary Wharf Wayfinding Systems





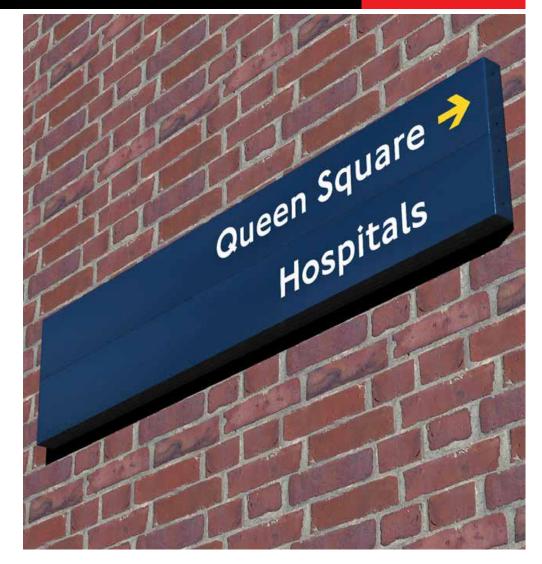






Legible London Pedestrian Wayfinding

- Wall Mounted Slats





Specialist Signage Graphics & Mapping Production

Specialist Signage Graphics & Mapping Production

Trueform provide all printed glass and vitreous enamel signage and directional mapping panels for interior and exterior wayfinding signage and cycle hire schemes, including:-

- TfL Legible London Project
- Cycle Super Highways Project
- London Cycle Hire Scheme,
- Many others throughout UK, USA & Canada





Vitreous Enamel Wayfinding Signage Graphics Production

Vitreous Enamel Wayfinding Signage Graphics Production

Trueform provide vitreous enamel signage and directional mapping panels for interior and exterior wayfinding signage and cycle hire schemes, including:-

- TfL Legible London Project
- Cycle Super Highways Project
- London Cycle Hire Scheme,
- Many others throughout UK, USA & Canada





Interactive Wayfinding Ref: 8G 008

Interactive Wayfinding

Trueform provide a wide range of interactive and non-interactive digital display wayfinding products in a variety of designs to suit individual customer requirements.

Successfully installed in many locations, Trueform provide the entire product - an end to end solution. Products and services include external kiosk structure, associated graphics, signage and branding, all internal electronic hardware, daylight readable displays, internal PC's and full impact resistant display screens. All products are fully ingress protected from the elements, utilise thermal control engineering dynamics and are fully tested and approved for external on street use.

Trueform also provide a full content management design and/or take digital data feeds from third party supplied and systems integrators.

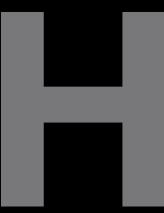












Cycle Super Highway



Cycle Super Highway Totems Ref: 8H 001

Cycle Super Highway Totems







Countdown RTI Displays Ref: 8I 001

Countdown RTI Displays

Trueform hold the contract to manufacture, install and maintain 'Countdown' electronic RTI signs for London Buses.

Please contact us for further details of our electronic display











Electronic Underground Displays

Electronic Underground Displays

Emergency Do Not Enter



Mounted under canopy ceiling, can also be fascia mounted



Suspended unit, cables mounted within tubular supports, pigeon wire attached

Ticket Window Electronic Display

Ref: 8I 003

Ticket Window Electronic Display

Trueform have developed an electronic passenger information display unit for use on ticket window displays at stations and interchanges across the TfL network.

Please contact us for further details on these displays.





Interactive Touch Screens & Information Kiosks

Interactive Touch Screens & Information Kiosks

Trueform supply a range of intelligent interactive touch screens and information kiosks for both interior and exterior applications.

The rugged displays provide up to the minute travel and service information to passengers.











Electronic Service Update Boards ESUB - Type A

Electronic Service Update Boards ESUB - Type A

Manufactured by Trueform Ferrograph







Electronic Service Update Boards ESUB - Type B Freestanding

Electronic Service Update Boards ESUB - Type B Freestanding

Manufactured by Trueform Ferrograph





Electronic Service Update Boards ESUB - Type B Wall Mounted

Electronic Service Update Boards ESUB - Type B Wall Mounted

Manufactured by Trueform Ferrograph





Electronic Service Update Boards ESUB - Type C

Electronic Service Update Boards ESUB - Type C

Manufactured by Trueform Ferrograph





RTM Ticket Machine Cloak

Ref: 8I 009

RTM Ticket Machine Cloak

Freestanding Ticket Machine (RTM)











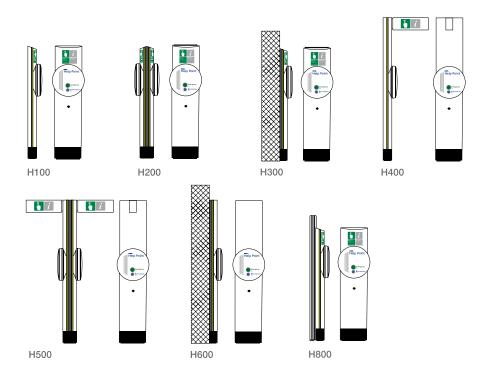




MK 2 Help Points - Type A Ref: 8I 010

MK 2 Help Points - Type A

Graphic Layout A

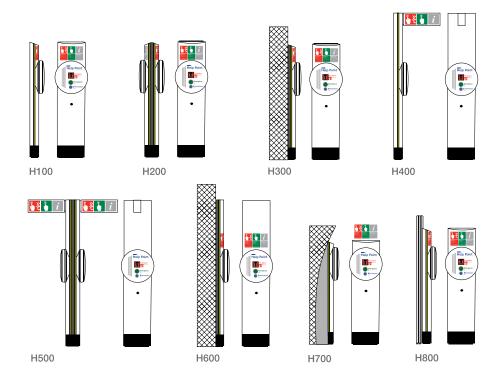




MK 2 Help Points - Type B

MK 2 Help Points - Type B

Graphic Layout B







Seating & Litter Bins



Seating Ref: 8J 001

Seating

Centro Wall Mounted Seating

Centro is designed for stations with narrow platforms. The design is economic, functional and ergonomic. All surfaces are perforated and the unit has a clearly visible support structure to prevent the concealment of suspect packages. The two outside arms are yellow to present a more visible unit for the visually impaired.

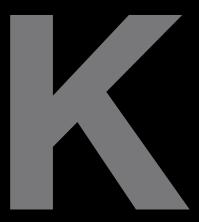




Used Ticket Bins Ref: 8J 002

Used Ticket Bins





Solar Power Systems

Ref: 8K 001



Solar Lighting System for Shelters









Station & Interchange Accessories

- Bollards
- Balustrades & Handrails
- Railings
- Fencing

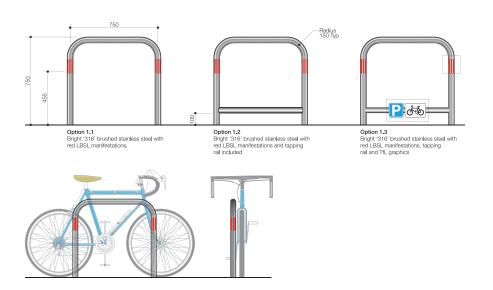


Cycle Racks - Sheffield Ref: 8L 001

Cycle Racks - Sheffield

Trueform supply a wide range of stainless steel, galvanised and painted cycle racks to match any RAL or BS colour.

Please contact us for additional information





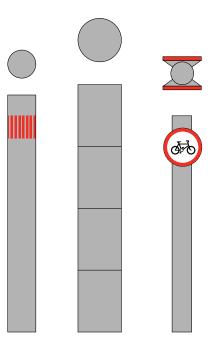


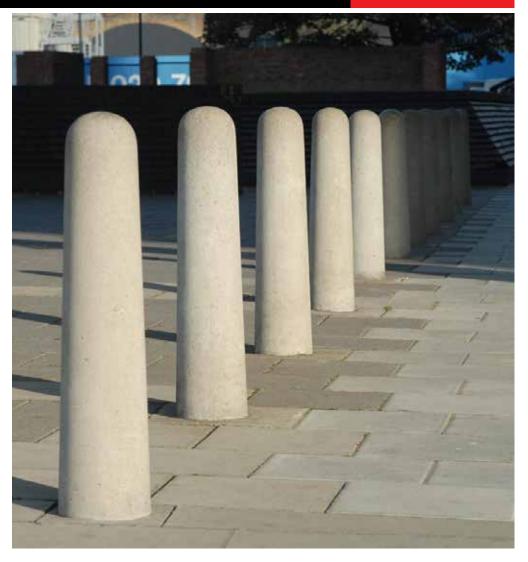
Y001 - Bollards Ref: 8L 002

Y001 - Bollards

Example bollards

Bespoke sizes, finishes and graphics available on request







Highway Impact Metal Bollards Counter Terror & Security Systems

Highway Impact Metal Bollards Counter Terror & Security Systems

Material / Specification:

180mm Ø mild steel galvanised or satin stainless steel fabrication with domed cap detail. backfilled with concrete for extra strength.

Finish:

Supplied in choice of satin polished stainless steel or architectural grade exterior powder coated paint in a choice of colours.

Optional Graphics:

Three off 150mm applied uPVC retro reflective engineering grade SAV DfT highway yellow bands alternate and equally spaced from top edge.

Construction

All construction shall be in accordance with DfT Signs Manual Design & Manufacture construction guidelines and BS standards

Installation Options /Foundations:

Can be supplied with 10mm thick base plate for surface mounting with resin anchors, or cast-in using 500mm x 500mm x 900mm foundation with ST4 concrete



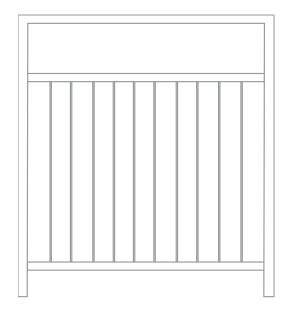


Balustrade & Handrails Ref: 8L 004

Balustrade & Handrails

Trueform supply and install a wide range of stainless steel, galvanised and painted balustrade and hand rails in custom sizes to match individual site location which is available to match any RAL or BS colour.

Full range of designs and styles available. Please contact us for additional information







Platform End Barrier Ref: 8L 005

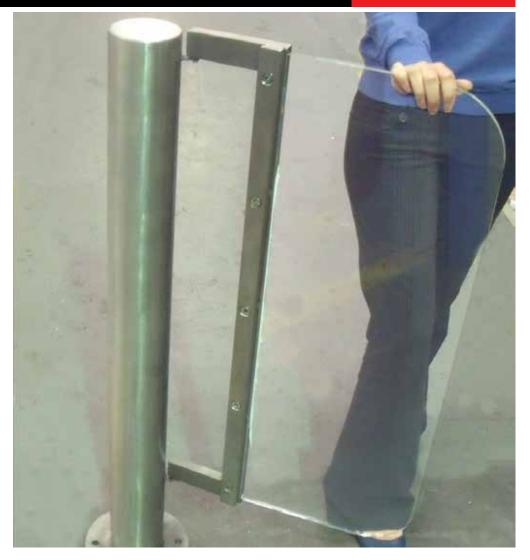
Platform End Barrier





Pavement Swing Gate Ref: 8L 006

Pavement Swing Gate





Barriers - Internal Ref: 8L 007

Barriers - Internal





CCTV Systems for Transport Environments

CCTV Systems for Transport Environments

Trueform provide a range of covert CCTV and security solutions for public transport environments.

Typical locations / applications include:-

- Bus & Train Waiting Shelters
- Stations & Interchanges
- Underground Stations & Platforms

Please contact us for further details on our range of high quality micro camera technologies and monitoring solutions





PA Systems & Speakera Ref: 8L 009

PA Systems & Speakers





Installation & Maintenance Services



Section 09

Airport Approved Products - Airport Related Metal Fabrications



Airport Approved Products - Airport Related Metal Fabrications

Product Name	Reference	Product Name	Reference
Introduction		Airport Monoliths	9A 020
Airport Approved Products		Airport Portals	9A 021
Barriers and Screens	9A 001	Glass Wall Lining	9A 022
Stansted Barriers and Screens	9A 001.1	Lighting Posts with Seat and Ad Display	9A 023
Bomb Blast Proof Glazed Screens	9A 002	Stansted Feature Bulkhead	9A 024
Column Cladding	9A 003	Staircase's	9A 025
Entrance Portals (Blast Resistant)	9A 004	Glazed Wall Structure	9A 026
FIDS Type 2	9A 005	Glazed Pilasters	9A 027
Stansted FID with Seat Support	9A 005.1	Multi-Use Post	9A 028
Retail Outlets (Blast Resistant)	9A 006	Post Mounted Lights	9A 029
Mobile & Static Information Unit, Small	9A 007	Tulip Barriers	9A 030
Mobile & Static Information Unit, Large	9A 008	Suspended Flight Information Unit	9A 031
External Mobile & Static Information Units	9A 009	Luton Airport Digital Screens	9A 032
Static Trolley Docking Stations	9A 010	San Francisco Airport Digital Screens	9A 033
Movable Trolley Docking Stations	9A 011		
Trolley Docks - Car Park	9A 012		
Bomb Blast Resistant Passenger, Crew & Smoking	Shelters 9A 013		
Trolley Corrals	9A 014		
Hand Rails	9A 015		
Buggy Rails	9A 016		
Illuminated & Non Illuminated Signage	9A 017		
Electronic Displays & Signage	9A 018		
Flight Information Departure Unit (FIDS)	9A 019		



trueform

Airport Approved Products Airport Related Metal Fabrications

Airport Approved Products Airport Related Metal Fabrications

Introduction

Trueform are an approved 'tactical' supplier to British Airports. Trueform provide airport operators with high quality fabricated metalwork products and custom architectural metalwork services.

Trueform provide a full end to end service, including design, manufacture, on site fitting & erection. Trueform's staff have the necessary training and passes for 'airside' operations.

Products & Services Include

- Full range of Airport Approved products
- CAD Design & Specialist Airport Engineering
- Bespoke Airports Metalwork Fabrication
- Architectural Metalwork & Steelworks
- Laser Cutting, Forming & Bending etc.
- Specialist Finishing & Powder Coating
- Site Installation, Fitting & Erection
- 125,000 sq/ft manufacturing facility near
- Heathrow airport

Please also refer to Construction Related Metalwork Fabrication Section









Airport Approved Products

Airport Approved Products

- Architraves & Skirting
- Balustrades & Handrails
- Balustrade Infill Panels
- Blast Proof Shelters
- Blast Proof Glazed Screens
- Bars / Counters
- Bonded Fascias
- Buggy Rails
- Bull Nosing & Feature Flashing
- Canopies & Walkways
- Ceiling Panels
- Cladding Panels
- Column Cladding
- Curtain Walling
- Door Entrance Portals

- FIDS Units
- Glazed Screens
- Glazing Support Systems (Bespoke)
- Handrails
- Louvers & Grills
- Mesh Panels & Screens
- Panels
- Perforated Panels
- Rainwater Guttering Systems
- Sections & Profiles
- Signage Systems
- Staircases
- Stair Treads, Trims & Handrails
- Wall Panels



















Barriers & Screens Ref: 9A 001

Barriers & Screens







Stansted Barriers & Screens Ref: 9A 001.1

Stansted Barriers & Screens









Bomb Blast Proof Glazed Screens Ref: 9A 002

Bomb Blast Proof Glazed Screens

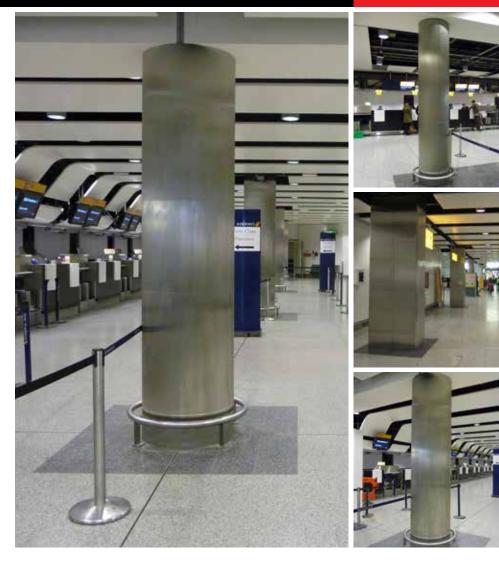




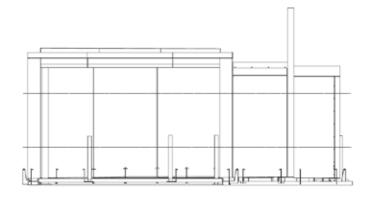


Column Cladding Ref: 9A 003

Column Cladding



Entrance Portals Blast Resistant









FIDS Type 2 Ref: 9A 005

FIDS Type 2



Stansted FID with Seat Support









Retail Outlets Blast Resistant Ref: 9A 006

Retail Outlets Blast Resistant







Mobile & Static Information Unit Small



Mobile & Static Information Unit Large



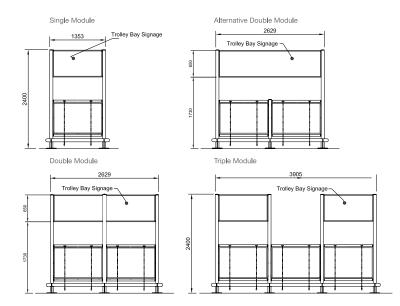
External Mobile & Static Information Units





Static Trolley Docking Stations

Trueform manufacture and install static Trolley docking stations in a wide range of sizes and configurations. Manufactured from high quality stainless steel, the units fully comply with airport design, structural and corporate graphics standards.





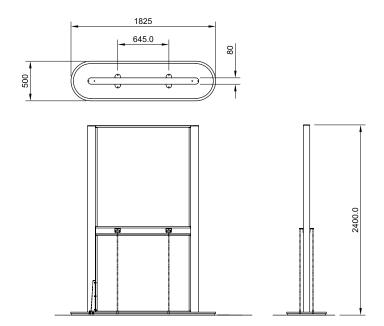






Movable Trolley Docking Stations

Trueform manufacture a range of movable trolley docking stations to suit a variety of applications.







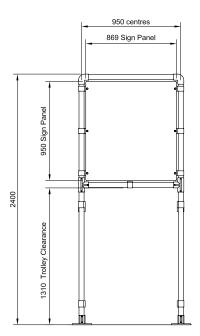


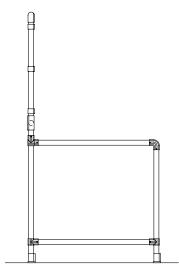


Trolley Docks - Car Park Ref: 9A 012

Trolley Docks - Car Park

Car park trolley docking stations, available in a wide range of sizes, configurations and materials.













Bomb Blast Resistant Passenger Crew & Smoking Shelters

Trueform has design developed a unique range of blast resistant shelters specifically for Airports and high risk applications. Using ultra high strength materials, construction techniques, specialist blast glazing and retention system provides maximum safety.

A wide range of sizes and configurations are available.

Please refer to Anti-Terrorism Products Section for Further Details







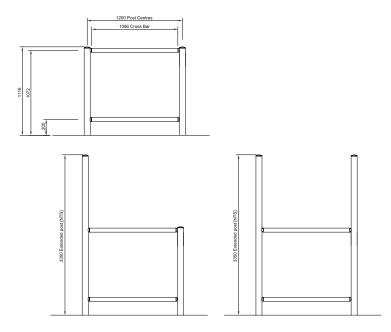


Trolley Corrals Ref: 9A 014

Trolley Corrals

High quality trolley corrals manufactured and installed by Trueform in full compliance with airport design, structural/impact loads.

All trolley corrals are custom fabricated and can therefore be supplied in any length, size and configuration.











Hand Rails Ref: 9A 015

Hand Rails

Freestanding & wall mounted handrails supplied and fitted in full compliance with airport design and structural load standards.









Buggy Rails Ref: 9A 016

Buggy Rails

Manufactured and installed by Trueform using fully trained in house site fitters. Buggy rails supplied by Trueform are in full compliance with design and structural/impact load standards. Currently used at Heathrow and Stansted Airports.





Illuminated & Non Illuminated Signage

Trueform is an approved supplier and fitter of the airport illuminated and non-illuminated signage system. With manufacture, finishing assembly and installation undertaken by Trueform in its purpose made manufacturing facility, Trueform also undertake all signage graphics in house and are fully versed with all critical airport corporate signage standards.



Toilets

All departure gates 🖴 👃



Electronic Displays & Signage Ref: 9A 018

Electronic Displays & Signage

Trueform's sister company Ferrograph are the UK's leading supplier of electronic passenger information displays for the passenger transport industry.

Utilising leading electronic display and communication technologies and expertise, Trueform are able to offer a comprehensive range of passenger information solutions to suit all internal and external applications.





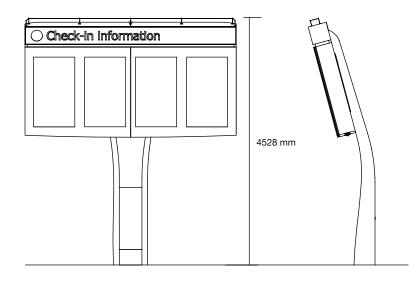


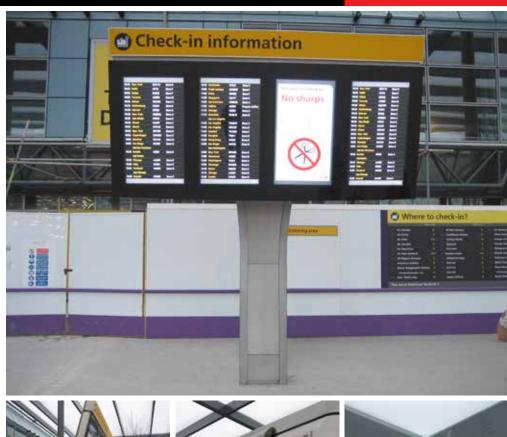


Flight Information Departure Unit (FIDS)

Available in a range of sizes and configurations, these elegantly designed FID units have been specifically designed for high profile display of flight information, arrival and departures.

Utilising Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.











Airport Monoliths Ref: 9A 020

Airport Monoliths

Available in a range of sizes and configurations, these elegantly designed monolith units have been specifically designed for high profile display of flight information, arrival and departures and wayfinding map.

Utilising Trueform's combined design, fabrication and engineering expertise with the electronic display engineering and cooling expertise of its sister company Ferrograph, made this highly complex yet elegant design a practical reality.









Airport Portals Ref: 9A 021

Airport Portals

Trueform have designed, supplied, installed and commissioned, the Check-in Entrance Portals A & B, at Heathrow Terminal 3 departures entry level.

The Entrance Portals were constructed with a main steelwork frame, with triple glazed units and aluminium cladding panels, incorporating automatic sliding door system. The portals are fully ASIAD compliant.





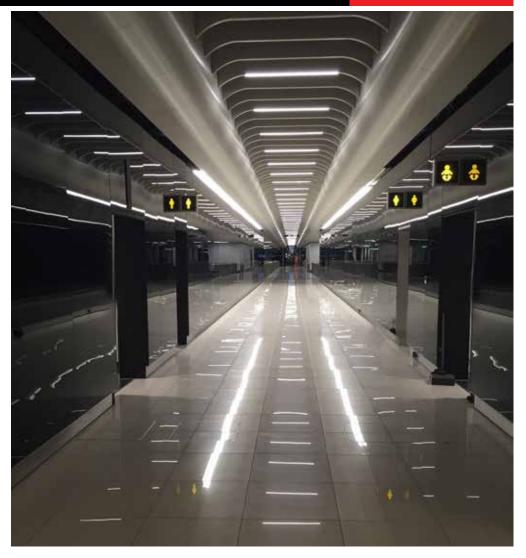




Glass Wall Lining Ref: 9A 022

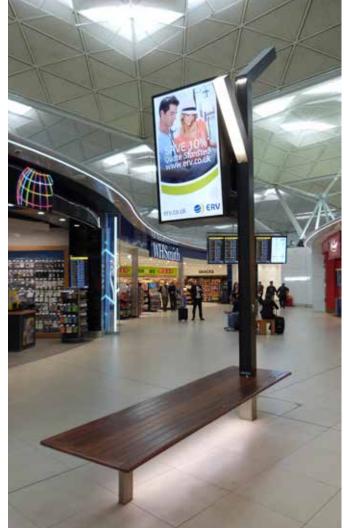
Glass Wall Lining

Black Glass Wall Linings with structural steel support.



Lighting Posts with Seat and Ad Display

Can be supplied with and without Seating and advertising Display.

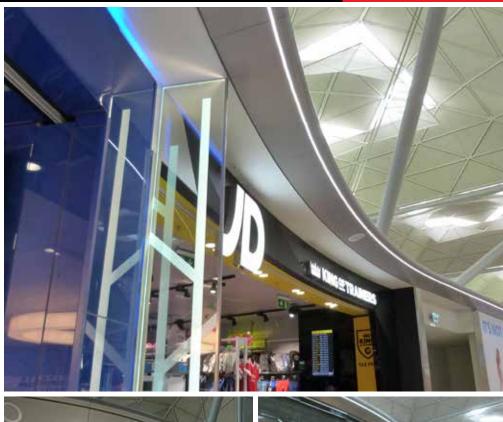






Stansted Feature Bulkhead Ref: 9A 024

Stansted Feature Bulkhead



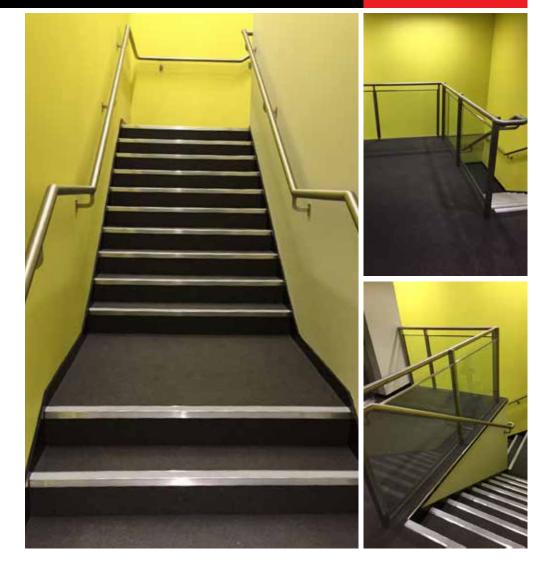




Staircase's Ref: 9A 025

Staircase's

Can be supplied with Stainless Steel Handrail and Stringer Flashings.



Glazed Wall Structures Ref: 9A 026

Glazed Wall Structures

Design, Manufacture and Installation of the Glazed Wall Structure to surround the New Alpha Lounge at Stansted Airport. The glazed walling also includes automatic doors.







Glazed Pilasters Ref: 9A 027

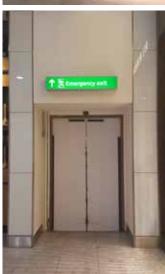
Glazed Pilasters

Airports are elegant, modern environments, and that should be reflected throughout the building and its terminals. At Trueform, we have called upon our comprehensive knowledge and experience to create these glazed pilaster columns.

The glazing is 13.5mm-thick toughened and laminated glass, painted to RAL 9003 (White). The pilasters are fixed directly to existing columns within the airport or terminal via Trueform's standard 'hook and ride' cladding support system.







Multi-Use Post Ref: 9A 028

Multi-Use Post

Made from grade 304 stainless steel, these tubular posts have been designed, manufactured and installed by Trueform's expert team. Sleek and stylish, these multiuse posts perfectly suit the clean, elegant environment of the airport. They can be laser-cut to form cut-outs for mounting CCTV cameras and public announcement speakers, and all stainless steel is satin polished to 240 grit.

All aspects of this product have been designed and fabricated in accordance with Aviation Security in Airport Development (ASAID) requirements. The ASAID is a UK Government policy from the Department of Transport (DfT), which lays down guidelines for those in the planning, design and development of new airports and terminals. At Trueform, we use our 10+ years of experience in the airport sector to ensure that we can help our clients to meet these guidelines to the highest standard possible.



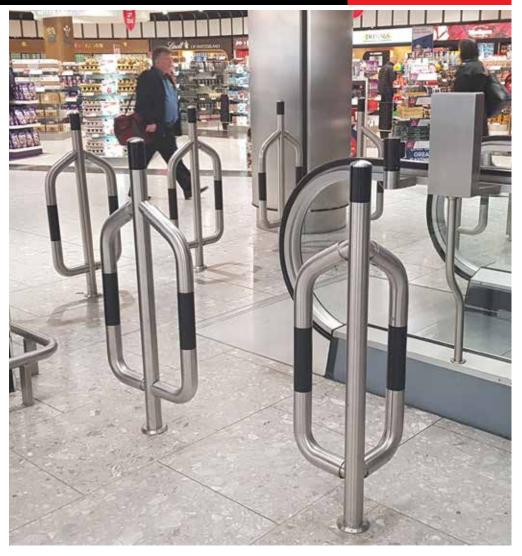
Post Mounted Lights Ref: 9A 029

Post Mounted Lights

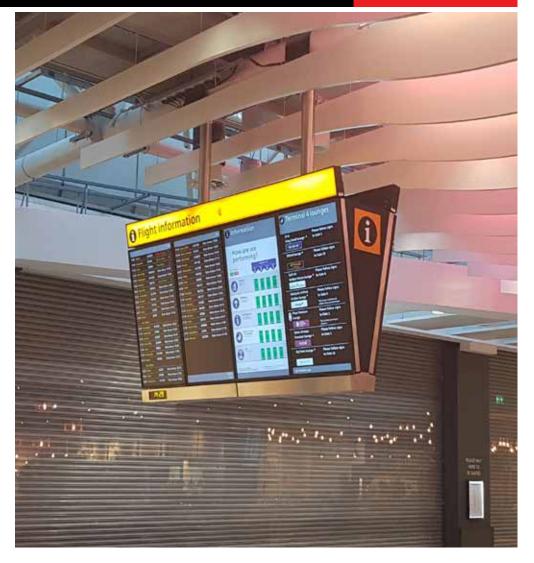


Tulip Barriers Ref: 9A 030

Tulip Barriers



Suspended Flight Information Unit



Luton Airport Digital Screens







San Francisco Airport Digital Screens



Section 10

Litter Bins & Ashtrays



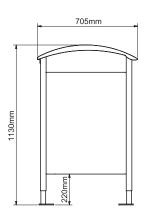
Contents

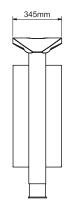
Litter Bins & Ashtrays

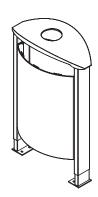
Product Name	Reference
Sigma Litter Bin	10A 001
Media Bin Mk 1	10A 002
Media Bin Mk 2	10A 003
Used Ticket Bins	10A 004
Wall / Shelter Mounted Ashtray	10A 005
Freestanding Ashtray	10A 006
Wall / Shelter Mounted Ashtray	10A 007
NET2 Litter Bins	10A 008

Sigma Litter Bin Ref: 10A 001

Sigma Litter Bin









Media Bin MK 1 Ref: 10A 002

Media Bin MK 1



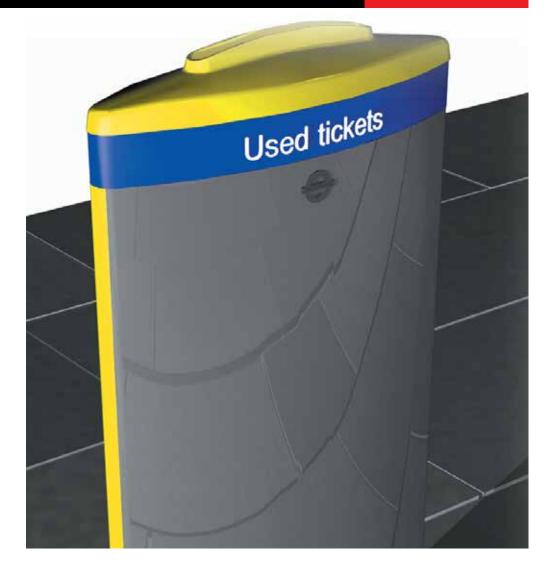
Media Bin MK 2 Ref: 10A 003

Media Bin MK 2



Used Ticket Bins Ref: 10A 004

Used Ticket Bins



Wall/Shelter Mounted Ashtray



Freestanding Ashtray Ref: 10A 006

Freestanding Ashtray



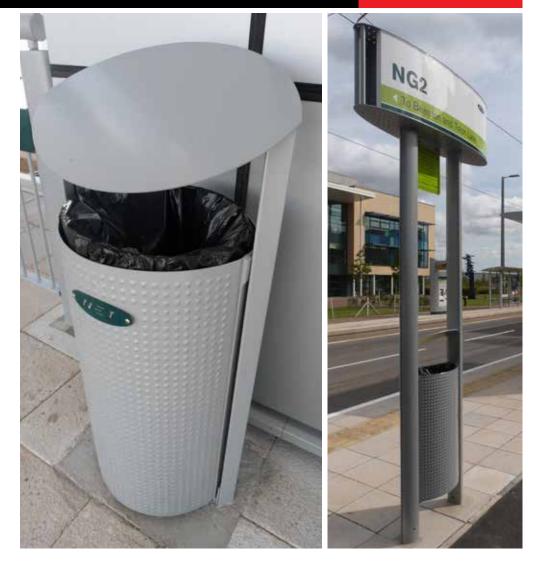
Wall/Shelter Mounted Ashtray



NET2 Litter Bins

Ref: 10A 008

NET2 Litter Bins





Section 11

Bollards, Barriers & Bike Racks



Contents

Bollards, Barriers & Bike Racks

Product Name	Reference
Cycle Racks - Sheffield	11A 001
Y001 - Bollards	11A 002
Highway Impact Metal Bollards Counter Terror & Security Solutions	11A 003
Balustrade & Handrails	11A 004
Platform End Barrier	11A 005
Pavement Swing Gate	11A 006
Barriers - Internal	11A 007

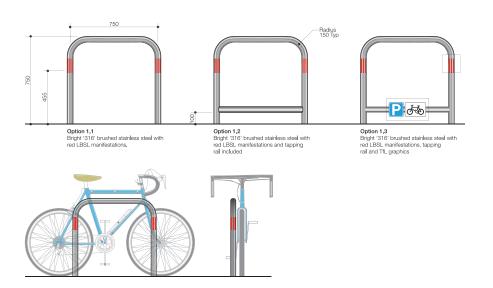


Cycle Racks - Sheffield Ref: 11A 001

Cycle Racks - Sheffield

Trueform supply a wide range of stainless steel, galvanised and painted cycle racks to match any RAL or BS colour.

Please contact us for additional information



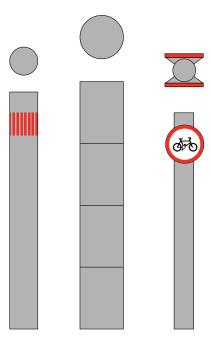


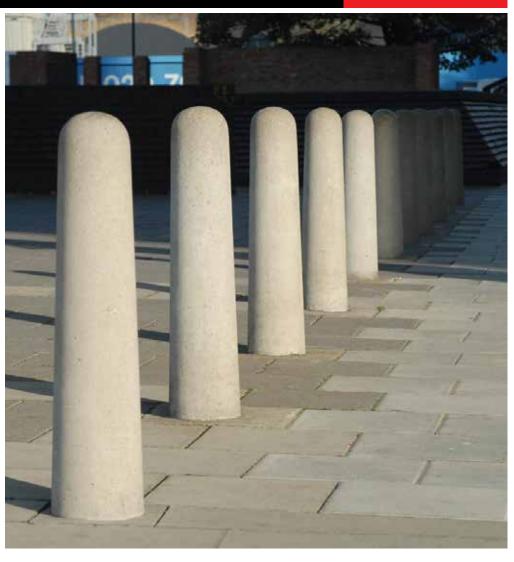
Y001 - Bollards Ref: 11A 002

Y001 - Bollards

Example bollards

Bespoke sizes, finishes and graphics available on request





Highway Impact Metal Bollards Counter Terror & Security Systems

Material / Specification:

180mm Ø mild steel galvanised or satin stainless steel fabrication with domed cap detail. backfilled with concrete for extra strength.

Finish:

Supplied in choice of satin polished stainless steel or architectural grade exterior powder coated paint in a choice of colours.

Optional Graphics:

Three off 150mm applied uPVC retro reflective engineering grade SAV DfT highway yellow bands alternate and equally spaced from top edge.

Construction

All construction shall be in accordance with DfT Signs Manual Design & Manufacture construction guidelines and BS standards

Installation Options /Foundations:

Can be supplied with 10mm thick base plate for surface mounting with resin anchors, or cast-in using 500mm x 500mm x 900mm foundation with ST4 concrete

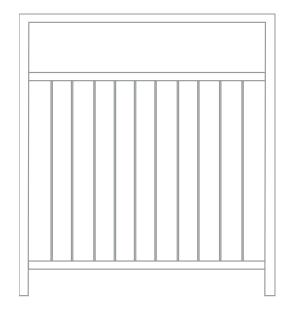


Balustrade & Handrails Ref: 11A 004

Balustrade & Handrails

Trueform supply and install a wide range of stainless steel, galvanised and painted balustrade and hand rails in custom sizes to match individual site location which is available to match any RAL or BS colour.

Full range of designs and styles available. Please contact us for additional information





Platform End Barrier Ref: 11A 005

Platform End Barrier



Pavement Swing Gate Ref: 11A 006

Pavement Swing Gate



Barriers - Internal Ref: 11A 007

Barriers - Internal



Section 12

Installation & Maintenance Services



Contents

Installation & Maintenance Services

Services

Nationwide Installation, Civils & Site Erection Services Nationwide Cleaning & Maintenance Services Nationwide Electrical Commissioning & Maintenance Asset Management & Audit Services

Nationwide Installation, Civils & Site **Erection Services**

Trueform provide a comprehensive range of nationwide installation and erection services for street furniture, signage and passenger infrastructure systems using our skilled and fully trained in house installation operatives.

Services include:

- Site Survey & Pre-Installation Services
- Site Surveys
- Site Photographs
- Superimposed Images & Photomontages
- Site Maps & Plans
- Utilities Search & Applications
- Opening Notice Applications & Approvals
- Works Planning & Management
- Power Supply Application & Green **Energy Alternatives**
- Risk Assessments & Method Statements

Installation & Erection Services

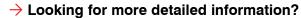
- Compliance & On-Street Safety
- Signing & Guarding
- Full Civils & Excavation Service
- Foundation Build Service (range of foundation options available)
- Cable Laying & Trenching
- Stop & Shelter Erection Services
- Reinstatement Services

A fully certified service. CSCS, NRSWA, HSE and CDM accredited.









Nationwide Cleaning & Maintenance Services

Nationwide Cleaning & Maintenance Services

Trueform provide a comprehensive range of nationwide cleaning, routine maintenance, response and rapid response (emergency call out) services for street furniture, signage and passenger infrastructure systems using our skilled and fully trained in house installation operatives.

- Fabric Maintenance
- Routine Cleaning & Maintenance
- Graffiti Removal
- Publicity Posting
- Response Maintenance
- Glazing Repairs
- Structural Repairs & RTA's
- Rapid Response Maintenance (Emergency Call Out)
- Inspection & Quality Control
- Reinstatement Services
- Remote Monitoring Services
- Call Centre Available 24/7 365

Nationwide Electrical Commissioning & Maintenance

Nationwide Electrical Commissioning & Maintenance

Trueform provide a comprehensive range of nationwide electrical installation, commissioning & maintenance services for street furniture, signage and passenger infrastructure systems using our skilled and fully trained in house installation operatives.

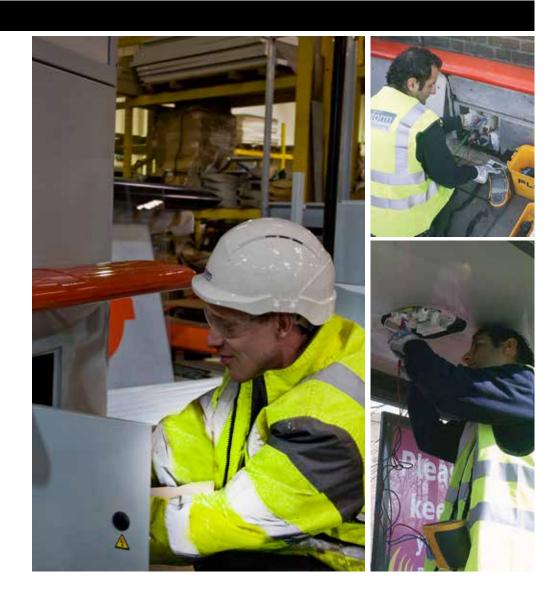
Services include:

Electrical & ITS Installation & Commissioning

- Electrical Connection & Commissioning
- RTI/ITS System Commissioning
- Testing & Certification

Electrical & Software Maintenance

- Electrical Hardware Maintenance
- RTI Display Sign Maintenance
- Periodic Testing & Health Checks
- Remote Monitoring
- Software Maintenance & Upgrade service





Asset Management & Audit Services

Asset Management & Audit Services

Trueform provide a comprehensive range of asset management services for street furniture, signage and passenger infrastructure systems.

Services include:

Asset Management & Audit Services

- Computerised Asset Management
- Barcoding
- Electronic Works Orders
- Job Status, History & Audit Trail
- Job Scheduling & Tracking
- Financial Reporting
- Automated Invoice Generation
- Live Access to Trueform Service Reporting

Section 13

Product Design & Engineering, Graphic Design, Map & Timetable Design, Transport Planning & Advisory Services



Contents

Product Design & Engineering, Graphic Design, Map & Timetable Design, Transport Planning & Advisory Services

Services

Design & Engineering Services Transport Planning & Advisory Services Map, Timetable & Service Graphic Design

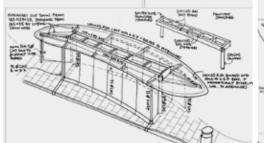
Design & Engineering Services

Design & Engineering Services

In addition to a comprehensive catalogue of products Trueform provide a full in house design and engineering service that is tailor made for individual customer and city needs.

- Infrastructure Design, Selection & Advisory Service
- Product Selection & Advisory Service
- Concept Design
- Photo Realistic Montages & Product Visualizations
- 3D Animations and Walkthroughs
- Value Engineering
- Production Engineering
- Fabrication Engineering
- 3D CAD Design
- Structural Design
- Product Prototyping Service
- Electromechanical Design
- Electronics Design
- Software Design







Transport Planning & Advisory Services

Transport Planning & Advisory Services

Trueform provide practical advice, guidance, products and services to enable cities to develop, implement and run modern efficient public transport systems.

Trueform have assisted transport agencies globally with their public transport infrastructure and supporting operating frameworks.

- Planning & Advisory Services
- An audit and review service of client's existing transport infrastructure and transport strategy
- Transport Development Plan and City Needs Review
- Client Specific 'Transport Strategy' writing service
- Legislation, compliance & best practice guidance
- Implementation advise and guidance
- Route survey and route planning
- Tender writing & evaluation service
- · Project management services
- Animated 3D simulation service; see your Transport Strategy come to life in your City
- Costing, budgeting and forecasting service
- Funding guidance
- Range of finance and purchase options available

Map, Timetable & Service Graphic Design Services

Map, Timetable & Service Graphic Design Services

Trueform provides a comprehensive range of design, graphic design and cartographic services for the mass transit sector.

- Design, Guidelines, Maps & Corporate Identity
- Marketing, Branding & Corporate Identity Design guidelines
- Timetable, Route Map & Line Diagram Design
- Electronic Timetable & Mapping Display Software
- Timetable & Map Printing & Lamination Services

Asset Management & Audit Services

Asset Management & Audit Services

Trueform provide a comprehensive range of asset management services for street furniture, signage and passenger infrastructure systems.

Services include:

Asset Management & Audit Services

- Computerised Asset Management
- Barcoding
- Electronic Works Orders
- Job Status, History & Audit Trail
- Job Scheduling & Tracking
- Financial Reporting
- Automated Invoice Generation
- Live Access to Trueform Service Reporting

Section 14

Intelligent Transport & Data Management Systems
Software & Hardware Interface to Systems Integrators



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Contents

Intelligent Transport & Data Management Systems Software & Hardware Interface to Systems Integrators

Systems

Intelligent Transport & Data Management Systems
Software & Hardware Interface to Systems Integrators

Intelligent Transport & Data Management Systems & Services

Intelligent Transport & Data Management Systems & Services

Trueform provides a range of transport data management and intelligent transport services for the mass transit sector.

- Transport Data Management
- Real Time Systems
- Journey Planning Software
- Internet Travel Information Systems
- Electronic Timetable & Printing Solutions
- Automated Production of Stop Information
- Fare Payment Systems
- Booking Service & Virtual Brokerage Systems
- Bus Tracking (via technology partners)
- AVL and Service Monitoring (via our technology partners)
- Crew Scheduling & Rosters (via technology partners)
- Workforce & Fleet Management (via technology partners)
- Fuel Management Systems (via technology partners)
- Bus Priority Systems (via technology partners)







Software & Hardware Interface to Systems Integrators & Services

Software & Hardware Interface to Systems Integrators & Services

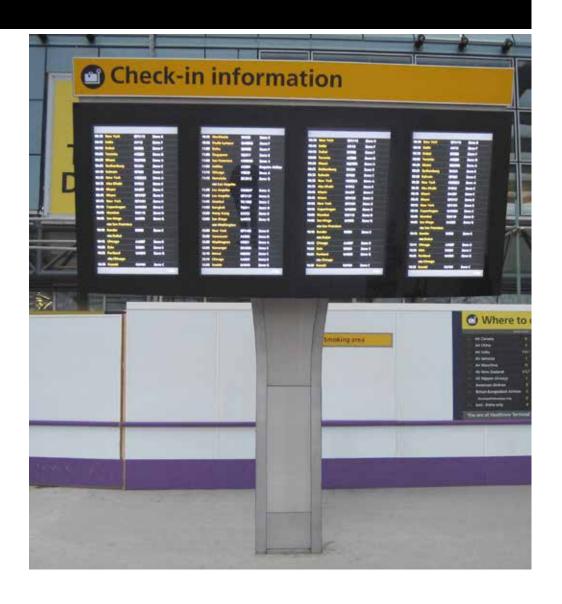
Trueform provides a range of intelligent transport solutions and associated software and hardware systems integration services.

Services include:

- Software Interface to Systems Integrators
- Multi-Modal Public Transport Database Management
- Open Systems & Software Integration
- Asset Management & Monitoring Systems
- Real Time Information & Operation Control Systems

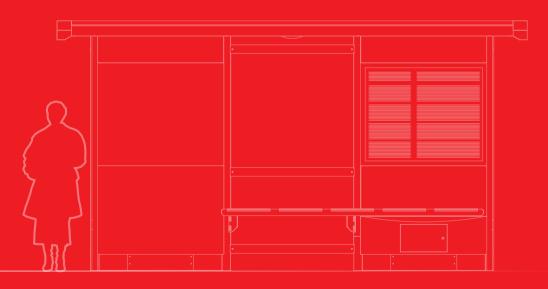
Hardware & Software Systems Integration

- Electronic Displays (Plasma, TFT, LED, LCD)
- Interactive Electronic Displays Touch Screen
- Audio Information Units
- Cabling & Comms
- Electrical Hardware Installation & Commissioning



Section 15

Construction Related Metalwork Fabrication, Metal Fabrication Services & Fabricated Products



Contents

Construction Related Metalwork Fabrication, Metal Fabrication Services & Fabricated Products

Services

The Company & Specialist Areas Manufacturing Facilities Products & Custom Fabrication Services Project Management Installation & Site Fitting & Modular Construction, Site Fitting & Erection Methods



Metal Fabrication Services & Fabricated Products

The Company

Founded in 1975, Trueform is a leading company in the design, manufacture, finishing and installation of high-quality construction related fabrication products and services.

Working with top clients, architects and contractors, Trueform meets the individual needs of customers who expect the very best.

With headquarters and 125,000 sq/ft manufacturing facility in West London, depots throughout the UK and overseas divisions in North America and the Middle East, Trueform offers worldwide experience certified quality service and support in every project phase.

The scope of work includes technical sales advice, budget pricing, tendering, CAD design, engineering, manufacture, finishing, supply and site installation/fitting of any type of construction related fabricated metalworks.

Specialist Areas of Operation

- Construction Related Fabrication Services
- Airport & Transport Infrastructure Fabrication
- Industrial Machine Special Fabrication
- Stainless Steel Fabrication
- Aluminium Fabrication
- CAD Design

- Product Management
- Installation and Site Fitting
- Modular Construction and Site Erection
- Specialist Finishing
- Elevator Engineering Services







Metal Fabrication Services & Fabricated Products

Manufacturing Facilities

The 125,000 sq ft production facility in West London, houses some of the most advanced CAD/CAM linked manufacturing equipment available in the industry.

Latest computerised laser processing manufacturing technology and machinery combine with proven procedures, traditional values, skill and experience to deliver competitively priced top quality products.

Trueform's combined expertise in fabrication, sheet metal component and sub-assembly development and product finishing can help customers to minimize time to market by reducing or eliminating problems with production by producing Total Engineering Solutions.

Manufacturing Cells

- Raw material laser processing
- CNC Machining
- CNC Punching
- Folding and forming
- Fabrication
- Assembly line
- Pre-treatment and finishing









Building related metal fabrication services









Transport infrastructure fabrication









Industrial machine special fabrication









Commercial elevator engineering services

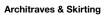
Metal Fabrication Services & Fabricated Products

Products & Custom Fabrication Services

- Architraves & Skirting
- Balustrades & Handrails
- Balustrade Infill Panels
- Bars / Counters
- Bonded Fascias
- Bridges & Walkways
- Brise Soleil
- Bull Nosing & Feature Flashing
- Canopies & Walkways
- Ceiling Panels & Cladding Panels
- Column Cladding
- Curved Fascias
- Elevators, Escalators & Moving Walkways

- Glazed Screens
- Glazing Support Systems (Bespoke)
- Laser Cutting
- Louvres & Grills
- Machined Parts
- Mesh Panels & Screens
- Mezzanines
- Panels & Perforated Panels
- Rainwater Guttering Systems
- Sections & Profiles
- Sheet Metalwork
- Staircases
- Stair Treads, Trims & Handrails







Balustrades & Handrails



Balustrade Infill Panels



Bars/Counters



Bonded Fascias



Bull Nosing & Feature Flashing



Canopies



Ceiling Panels



Cladding Panels



Column Cladding



Curved Fascias



Escalators & Moving



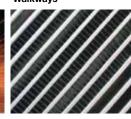
Glazed Screens



Glazing Support Systems (Bespoke)



Laser Cutting



Louvres & Grills

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Mesh Panela & Screens



Mezzanines



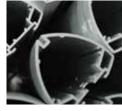
anels



Perforated Panels



Rainwater Guttering Systems



Sections & Profiles



Sheet Metalwork



Signage Systems



Staircases



Stair Treads, Trims & Handrails



Wall Panels



Walkways

Metal Fabrication Services & Fabricated Products

Project Management

Trueform's experienced, well-trained and disciplined project managers follow proven project management procedures.

Utilisation of leading planning and management tools gives Trueform full control of quality, cost and programme and ensures successful project management.

Strict adherence to all company quality and health and safety processes ensures a high quality product and a safe working site. Trueform are able to give an individual response to the needs of each project and respond quickly and accurately to changes wherever they occur.

Metal Fabrication Services & Fabricated Products

Installation & Site Fitting

Trueform's highly experienced and qualified installation, site fitting and contract management personnel work strictly to robust quality and health and safety procedures. Trueform ensure the highest level of quality, time and cost reliability. Close attention to detail, and maximum utilisation of off-site fabrication techniques ensures Trueform's industry respected reputation.

Modular Construction, Site Fitting & Erection Methods

Trueform employs modular construction methods which allows the construction of technically complex fabricated metalwork to be undertaken by offsite manufacturing techniques.

Factory fabricated and assembled, the parts are then broken down, packaged and shipped to site. After delivery to the construction site components can be structurally assembled more quickly, allowing rapid, reliable start up on site and greatly reduced site occupancy times.

Modular manufacturing techniques also allows construction to exacting specifications in a clean environment to ensure a higher quality product than normal on-site methods can achieve.

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→ Looking for more detailed information?