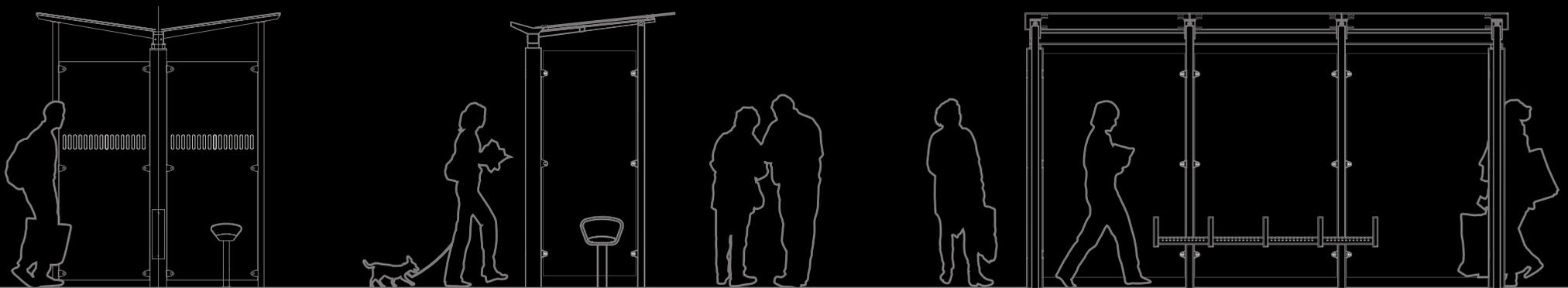




# Bus Shelters

Standard Range Brochure



A Pioneering Manufacturing & Technologies Company

**trueform**



## THE WORLD'S LEADING SHELTER SUPPLIER

Trueform have a comprehensive 'off the shelf' range of innovative transit shelter designs to suit virtually all customer requirements.

Trueform's ability to blend creative new bus shelter design with sound engineering expertise coupled with its hands-on installation and maintenance experience enables it to provide bus shelters that are not only a powerful visual calling card for the promotion of public transport but are robust, vandal resistant and easy to maintain.

Trueform designs meet the demands of busy global cities. They are functional, comfortable, safe, modular and ecological. Each shelter has been individually designed and engineered to provide unrivalled customer benefits.

### **Style & Branding**

- Visual appearance to complement a variety of architectural surroundings
- High profile tool for the promotion of public transport service

### **Strength & Performance**

- Robust, vandal, graffiti and weather resistant materials and finishes
- Stainless steel, steel & aluminium construction options for lasting performance and appearance

### **Simplicity**

- Strong, modular components for fast and safe erection on site
- Ability to accept RTI displays, digital information and Journey Planning modules
- Designed to accept covert CCTV cameras within shelter body
- Future Proofed and Technology enabled
- Range of Solar power lighting systems available
- Full compliance with regulations and guidelines (DDA)



## ECO FRIENDLY, SUSTAINABLE SHELTERS MADE IN THE UK



Trueform's innovative, eco bus shelters are manufactured in house, within our UK based, carbon neutral, shelter manufacturing & technology centre.

Using low carbon, energy efficient materials and innovative manufacturing techniques, we ensure that our products have the lowest carbon footprint, providing significant environmental and social value benefits.

Our eco bus shelters are 'Planet Marked', for approved sustainability, and use both smart and renewable technology for a minimal environmental impact.

Trueform are a leading ESG company (Environmental, Social and Governance). Trueform's eco shelters have been assisting towns, cities and public transport authorities achieve ESG - the three central factors in measuring sustainability and societal impact.

Trueform work with their clients to 'transform cities', providing solutions that deliver a promising and sustainable future. Trueform holds ISO 14001 and PAS 2060 Carbon Neutral Certification.

Towns and cities throughout the world are using Trueform's range of low carbon, eco bus shelters to facilitate and encourage low carbon mobility and active travel, whilst improving public health, air quality and quality of life.

Trueform's eco shelters and digital display products are the most sustainable, lowest carbon, ethically manufactured products available in the industry. Trueform is the first choice for towns and cities looking to achieve the very highest ESG status.



Carbon  
Neutral  
PAS 2060





## SOLAR POWERED SHELTERS

Trueform is also the largest provider of off-grid solar on stops and shelters, with over 5,000 solar stops and shelter installed by Trueform on stops and shelters in the UK, as well as providing many more in other major cities globally.

Our 'low-power' digital displays are optimised to reduce energy during operation, to save on energy running costs, reduce temperatures whilst increasing efficiency and long term performance.

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 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





## GREEN LIVING SHELTERS

### Powered by Nature

Trueform are corporate partners with the Woodland Trust and the Bumblebee Corporate Partners with Conservation Trust who we support by providing habitats for insects & wildlife with our Green Living Roofs.

Made from recycled materials, our range of green living shelters help reduce CO2 emissions, purify air, and provide ideal habitats for our endangered insects & wildlife. We can supply a roof garden substrate that is a great lightweight growing media for green roofs. This is accompanied by a root resistant waterproof drainage system, finished with wildflowers to encourage native pollinating insects.

We bring together some of the foremost experts in green roofs planted for biodiversity, designing habitat creation, and low maintenance native planting, alongside designers experienced in producing buildings, structures, and retrofit products that enhance our environment.

We will work with councils and organisations to identify suitable bus shelters for green living roofs to enhance biodiversity and improve air quality. Use of drought resistant plant species to minimise maintenance requirements. In addition to living roofs, we can also fit living walls to shelters.

The type of green roof planting and habitat creation we provide is designed to enrich an area or structure with biological diversity. We promote the use of native plants, especially in terms of meeting local and regional biodiversity targets for butterflies, insects and other invertebrates. We would typically include non-native flowering plants to extend the nectar season for solitary bees, hoverflies, butterflies and moths.

### Benefits of Green Living Roofs:

☼ 54% reduction precipitation runoff	🐝 8-12% increase in insects /metre sq	@ 5-15 insulation level
🔊 2-12 dB sound reduction	🌿 239 g carbon reduction /metre sq	

Corporate partners with



## DIGITAL DISPLAYS FOR PUBLIC TRANSPORT ENVIRONMENTS

Trueform Digital Passenger Transport Displays is a division of the Trueform Manufacturing and Technologies Group.

We provide complete integrated digital display and technology solutions, delivering high-quality passenger and real time information across a range of display technologies. We provide innovative, high quality, value for money digital display products that enable our passenger transport customers, Worldwide, to deliver intelligent, accurate and reliable information to the public. Our displays have been proven to increase passenger satisfaction, sense of safety and security, supporting the aim of increasing public transport usage and improving the sustainability of transport services.

Trueform's digital displays are proven to provide years of trouble free operation. Our weatherproof, interactive digital displays are available in sizes from 32" to 75". The displays provide easy user interactivity through audio, video, touchscreen and other accessibility options. Operating in tough outdoor conditions, our displays provide vibrant, animated video information and user interaction for a wide range of industries and uses.

- UK manufactured
- Lowest power solution on the market
- Operating range -10°C to +45°C
- Economic design
  - Small footprint
  - High-quality robust materials hold up to abuse, vandalism and wear-and-tear
  - Reduced glare with displays fronted by anti-reflective glass
  - Galvanised mild steel structure, powder coated external grade aluminium exterior
  - Painted powder-coated aluminium main casing – attractive, durable, easy to maintain
- Recyclable materials
- Planet Mark Certified
- Energy Saving
  - Automatic screen dimming based on daylight hours
  - State-of-the-art LED-backlit LCD screen consumes less power
  - Industrial-grade components reduce the need for cooling
  - Integrated operating system / dashboard gives quick access to data





TRUEFORM OUTDOOR MEDIA  
**A pioneering out of home media business**

**trueform**  
outdoor media

Trueform Outdoor Media is an OOH media business. Part of the Trueform Manufacturing & Technologies Group, the company uniquely provides a one-stop-shop for the provision of media sales and advertising with in-house supply, installation and maintenance services for roadside street furniture assets.

With over 45 years of experience, Trueform has equipped many of the UK's and World's towns and cities with stunning, leading edge street furniture, signage and digital signage assets.

Trueform transform urban environments by uniquely blending in-house street furniture and digital signage manufacturing, technology, installation and maintenance capabilities with outdoor advertising and digital advertising expertise - providing sustainable roadside infrastructure assets, valuable funding streams, maintenance and support services to our towns, cities and local communities.



OUTSMART

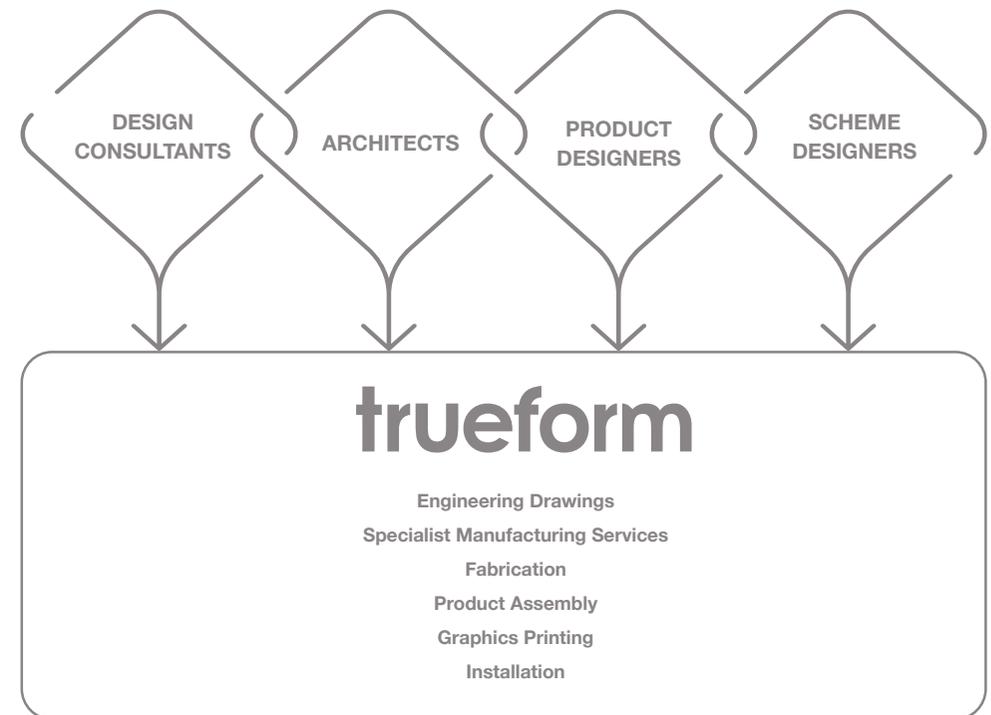


## BESPOKE MANUFACTURING SERVICES FOR PRODUCTS & STRUCTURES

Trueform are the leading manufacturer of custom manufactured structures, including signage, street furniture, airport products, shelters, canopies, wayfinding and digital signage. Working in collaboration with architects, scheme designers, main contractors and transport authorities, Trueform has over 40 years of experience, with over 150,000 structures installed worldwide.

### Bespoke Manufacturing Services

Trueform's comprehensive in-house engineering and manufacturing facilities enables the timely, cost effective supply and installation of manufactured architectural products and structures to suit any client requirements. Over the years Trueform have provided award winning products and structures for a wide range of applications. All of Trueform's structures are fully engineered to the highest standards and can be supplied in a range of elegant, robust materials and finishes to suit individual architectural requirements and to exacting customer requirements. Our many years of experience enables us to provide high quality bespoke products that are easy and cost effective to install, erect and maintain.



## CERTIFICATIONS & QUALIFICATIONS



- Quality Management ISO 9001:2015
- Environmental Management ISO 14001:2015
- Health & Safety Management ISO 45001:2018
- Energy Management Certification - ISO 50001
- Member of Outsmart
- Member of World Out of Home Organization
- NICEIC Approved Contractor
- NERS – National Electricity Registration Scheme
- Open Reach Installation Qualified
- PlanetMark Certified Business
- Cyber Essentials
- UKCA (CE) Certified
- RoSPA
- Sentinel – Network Rail Safety Scheme
- RISQS – Railway Industry Qualification
- CSCS – Construction Skills Certification Scheme
- CHAS – Contractors Health & Safety Scheme
- CHSG – Construction Health & Safety Group
- Made in Britain
- Transport Supplier of the Year
- Social Value Quality Mark Bronze Accreditation



## SOCIAL VALUE

Trueform are a leading ESG company (Environmental, Social and Governance). Trueform's green street infrastructure products assist organisations achieve ESG - the three central factors in measuring sustainability and societal impact. Trueform work with clients to transform cities, providing solutions that deliver a promising and sustainable future. We are delighted to be supporting local communities to improve economic, social and environmental wellbeing through city and town centre enhancements and engagement.

Our management team leads by example: promoting active travel, enhancing health, reducing environmental impact and improving overall quality of life.

We innovate to bring new and enhancing sustainably designed products, improve technology, practices in manufacture and maintenance, evaluating and reviewing constantly.

We have enacted environment plans to achieve Net Zero, actively support local economies, provide training and education and ensure inclusivity.

We support communities through our corporate partnerships, local charities and wider volunteering initiatives including our corporate partnerships with The Bumblebee Conservation Trust, The Woodland Trust and Crisis.





## ENGINEERING & MANUFACTURING SERVICES

- Fabrication Drawings & Engineering
- CAD Design & Specialist Engineering
- Structural Engineering
- Rapid Prototyping
- Specialist Custom Manufacturing
- Stainless Steel & Aluminium Fabrication
- Glass, GRP, Corian & Plastics Fabrication
- Construction Related Fabrication Services
- Laser Cutting & Forming
- Laser Cutting & Forming
- Specialist Finishing Services
- Digital Display Technology (Indoor & Outdoor)
- Signage Manufacture
- Airport & Transport Infrastructure Fabrication
- Signage Graphics Production
- Mechanical Engraving
- Project Management
- Nationwide Installation & Site Fitting
- Modular Construction & Site Erection

1  
DRAWINGS &  
ENGINEERING

2  
BESPOKE  
MANUFACTURE

3  
INSTALLATION

4  
MAINTENANCE

5  
PROJECT  
MANAGEMENT

## COLLABORATION WITH LOCAL COUNCILS & TRANSPORT AUTHORITIES

From concept to manufacture - a seamless process





## ADVANCED SHELTERS

### **Robust, vandal resistant & future proofed**

Trueform have provided advanced bus shelter solutions to many major cities globally and has unrivalled expertise in shelter design, engineering & the quality presentation of transport information, providing both static and a full range of electronic digital display platforms.

Trueform have a comprehensive 'off the shelf' range of innovative bus shelter designs to suit virtually all customer requirements.

Robust, vandal resistant and future proofed, our shelters provide both passengers and transport authorities with the following benefits:

### **Benefits of a Trueform shelter**

- A high quality product range based on years of experience in major cities internationally.
- Fully future proofed designs - A platform for the delivery of advanced RTI and Intelligent Transport Systems
- Fully modular designs, advanced engineered solutions
- Robust, long lasting materials & finishes
- Cost effective and easy to maintain for long lasting appearance
- Safe, welcoming places for passengers to congregate
- Eco friendly construction, with LED and solar powered illumination options
- Full compliance with structural regulations, best practice guidelines & DDA
- A powerful marketing platform for the promotion of public transport





## MATERIALS, FINISHES & FEATURES AVAILABLE

Our structures can be supplied in a range of combined materials & finishes, including:-

- Stainless steels
- Steels / Galvanised
- Aluminium
- Glass
- Composite Fiber
- GRP - Glass Reinforced Plastic Composites
- GRC - Glass Reinforced Concrete
- Stones and granites
- Composite stone materials
- Timber
- Brushed, satin and linen finish stainless
- Shot peened stainless
- Polyester powder coated – all colours
- Galvanising
- Anodising
- Anti-graffiti coatings
- Seating
- Range of glazing options (glass, laminated glass, polycarbonates, composites)
- Automatic sliding doors
- Heating & air conditioning
- Advertising displays
- Rainwater management
- Signage and custom printed graphics
- Digital RTI Displays
- CCTV Cameras
- Anti-Graffiti Protective Coatings
- Bomb Blast Protection
- Solar Power Lighting



## BESPOKE SHELTER, CANOPY & WALKWAY DESIGN SERVICE

In addition to our comprehensive 'off the shelf' range, Trueform also provide a bespoke design and engineering service for shelters, canopies and walkways. Trueform's in house design engineers are able to provide truly innovative, tailor made solutions to suit any client's needs.

### **Design & Engineering Services**

- Concept designs
- 3D visualizations & renderings
- Animations and walk throughs
- CAD manufacturing drawings
- Structural engineering
- Foundation designs
- Prototyping & product testing

### **Manufacturing Services**

- All shelters manufactured in-house
- Construction related fabrication
- Architectural metalwork
- Structural Steelwork
- Laser cutting and forming
- Specialist Finishing Services

### **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.





### Modular Construction Techniques

Trueform employs modular construction methods which allows the construction of technically complex fabricated metalwork structures to be undertaken quickly and safely by minimising on-site construction times.

Factory fabricated and pre-assembled, the sub-assembled parts are packaged and shipped to site. After delivery, the components can be readily assembled, allowing reduced site occupancy times, reduced costs and shorter programme times.

### Installation, Site Fitting & Erection Services

Trueform provide a comprehensive nationwide assembly, erection, site fitting and construction service. Fully experienced and qualified to undertake construction work on the UK's road, rail, tram and airport networks, Trueform are approved and certified by the following bodies:- RISQS, LINK UP, CHAS, CONSTRUCTION LINE, CSCS, LUL Sentinel and many others.

### Services Include:-

- Civils & Excavation
- Foundation Construction
- Installation & Erection
- Project Management
- Electrical Connection & Commissioning
- Cable Jointing
- RTI Support Services
- RTI/ITS System Commissioning
- Testing & Certification
- Maintenance
- Emergency Call Out Services



With a network of installation depots strategically located around the UK, Trueform's nationwide teams of site civils and installation engineers are fully certified and trained to required standards, including:- CSCS, NRSWA, Railway – PTS, London Underground Sentinel, Airside.



## FLIGHT SHELTER

Already popular in major cities across the UK, the Flight Bus Shelter offers a pleasing contemporary aesthetic through its sleek, modern yet robust construction.

The success of the Flight lies within the flexibility of its design. Available in a range of configurations and sizes, the modular nature of the shelter allows it to seamlessly blend into a city environment. This gives the shelter the unique ability to adapt to a range of spaces and allows for a diverse range of practical applications.

Through the Flight Bus Shelter, Trueform offer a fully future proofed shelter compatible with RTPI displays, CCTV, audio PA and other advanced systems. This forward-thinking structure is designed with the future in mind – the Flight Shelter's adaptability means that smart technology can easily be implemented either now or as demand increases.

Through its high grade, vandal resistant materials, the Flight Bus Shelter provides an easy-to-maintain and safe structure. All construction is compliant with BSI structural standards and regulations as well as emphasising inclusivity through DDA and ADA infrastructure.







## GULLWING SHELTER

Featuring a strikingly modern look, the Gullwing shelter offers a high-quality passenger experience within a flexible and long-lasting design. The modular construction allows for easy assembly and maintenance, allowing the Gullwing Shelter to adapt to a range of different environments. With its sleek and contemporary aesthetics, the Gullwing shelter can blend seamlessly into a wide variety of different locations.

The glass panels allow natural light to pass through the shelter and provide high visibility for commuters. The open nature of the shelter also makes the Gullwing easily accessible for disabled passengers, complying with both DDA and ADA standards.

The enclosed design protects commuters from the elements while the shock absorbing glazing retention system offers unparalleled safety and protection. Trueform's quick release design allows for easy and cost effective maintenance while also remaining tamper proof, helping to provide a long-lasting and high quality finish.







## LEGACY SHELTER

Available in a range of configurations and sizes, the Legacy Shelter boasts a flexible and innovative modular design and engineering-grade construction and materials. The construction grade materials make the shelter robust and durable, and the special shock-absorbing retention system protects passengers from injury should the glazing be damaged. At Trueform, we are proud to supply shelters that offer optimum passenger safety, comfort and protection, which is why we work to make sure our shelters meet BSI construction regulations. We also aim to meet ADA and DDA regulations on every one of our products, providing optimum inclusivity to passengers.

The Legacy Shelter incorporates intelligent and electronic transport hardware, with the ability to accept RTP1 displays, audio PA, CCTV and kiosks. We have also taken the environment into consideration, engineering our shelters to be able to support solar powered technologies.

Due to its contemporary architectural aesthetics and detailing, it is clear to see why the sleek and stylish Legacy Shelter is the choice for most major cities.







## METRO SHELTER

Trueform's Metro shelter allows for a flexible innovative design & adaptable construction process which is why you'll see it in many major cities. The Metro shelter provides a variety of foundation and installation options meaning it can be built to adhere to specific requirements.

A range of glazing materials and options are available, including the special 'shock absorbing' glazing retention system introduced by Trueform. The Metro shelter is built with engineering grade and construction materials making it an extremely robust option, whilst being additionally resistant from potential vandalism.

The Metro shelter has the flexibility to incorporate a range of intelligent electronics transport hardware; including CCTV, solar panels, kiosks and RTPI displays, providing future proof potential.





THE ROYAL BOROUGH OF  
WINDSOR AND  
MAIDENHEAD



Bus Stop  
Windsor  
Maidenhead

P  
School  
River Street



## VISION STAINLESS STEEL ECO SHELTER

The choice of many major cities around the UK, the Vision Shelter provides a cutting edge contemporary design perfect for any metropolitan environment. The engineering grade materials used within construction make the Vision Shelter a sleek, modern and robust choice of bus shelter capable of withstanding long term use.

The Vision Shelter is a forward-thinking unit, future-proofed via its compatibility with smart technology and other intelligent systems. The shelter also seamlessly integrates marketing space allowing for the display of business and public advertisements within the structure of the unit itself.

Using engineering grade materials in its construction, the Vision Shelter offers a long lasting, high-quality experience fully compliant with BSI structural standards and regulations. A special shock absorbing glazing retention system provides industry standard glass panelling while also ensuring passengers safety.





## INTEGRA SHELTER

As a leading provider of transport shelters, Trueform is proud to present the Integra solution – a premium all-weather rail and bus shelter design with a flexible and modular construction.

The Integra Shelter allows for the seamless integration of ticket machines and other interactive units. Placing the user experience at the forefront of its design, the shelter delivers a complete weatherproof solution suitable for use in any bus, train or light rail interchange.

Trueform emphasises inclusivity within each and every project. All shelter units are ADA and DDA compliant, ensuring ease of access for both the elderly and the disabled. In addition to this, a range of smart systems can be implemented into each Integra solution. A non-exhaustive list of compatible features includes: RTP1 displays, CCTV, audio PA, solar power, glazing retention, interactive kiosks and other digital information systems.



## BUS SHELTER ACCESSORIES



### Local Marketing

42" LCD display integrated into shelter. Digital advertising can be used for the promotion of local promotions associated with local councils and businesses.



### Real Time Information Display

Full colour ultra wide LCD real time display. An upgrade to the usual LED matrix displays.



### Green Roof

As previously installed in London and Dundee, this solution helps reduce CO2 emissions, purify air and provide ideal habitats for our endangered insects & wildlife.



### Solar Power

Solar lighting systems can be custom made to fit new shelters or retro fit existing shelters.



### Interactive Digital 6 Sheet

Trueform's 75" outdoor display can be used by local businesses for advertising, environmental monitoring, digital wayfinding, service updates, information & assistance.



### Bench Seating

Enhanced seating designed to improve passenger comfort.



### Solar Powered Digital E-Ink Timetable

Sunlight readable & night time illumination of e-paper display.



### Real Time Information Bus Stop Flag

Live bus arrival information.





## USB Charging Points

Allow people waiting for a bus to charge their phones, using their own charging cable.



## Information & Assistance

Designated information help point with access to emergency services.



## Air Purification

Improves air quality by drawing in the surrounding air, removing suspended particles and releasing the cleaner air.



## Green Walls

Green walls help reduce CO2 emissions, purify air and provide ideal habitats for our endangered insects & wildlife.



## Environmental Monitoring

Can be fitted with a range of smart sensors to collect data from the surrounding environment.



## Service Updates

Details of live travel information.



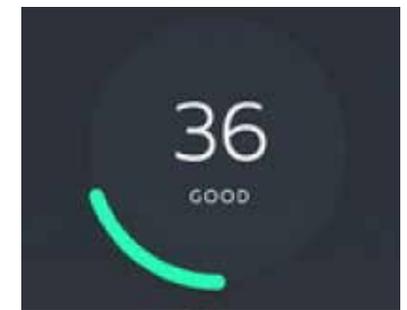
## Local Business Marketing

75" digital advertising used for the promotion of local councils and businesses.



## Air Pollution Sensors & Monitoring

Detect and monitor the presence of air pollution, CO2 and dangerous emissions in the surrounding area.



SHELTER RANGE



Legacy Heritage

Ref: 1A 007.1



Cityscene

Ref: 1A 008



Discovery

Ref: 1A 012



Sinewave BRT

Ref: 1A 016



Seattle

Ref: 1A 017



Burslem

Ref: 1A 018



Discovery Diffusion

Ref: 1A 012.1



Aviator Anti-Terrorist

Ref: 1A 014



Sinewave

Ref: 1A 015



Integra

Ref: 1A 020



Integra Platform

Ref: 1A 020.1



Deansgate Integra

Ref: 1A 020.2

SHELTER RANGE



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Ref: 1A 020



Integra Platform

Ref: 1A 020.1



Deansgate Integra

Ref: 1A 020.2

SHELTER RANGE



Market Street Integra

Ref: 1A 020.3



MK

Ref: 1A 021



MK Station Shelter

Ref: 1A 021.1



Air Conditioned Landmark

Ref: 1A 027.1



Loughborough

Ref: 1A 002.4



Apex

Ref: 1A 046



Solar Air Conditioned

Ref: 1A 025



Anti-Vandal Rail

Ref: 1A 036



London Landmark

Ref: 1A 027



Croydon Tramlink

Ref: 1A 056



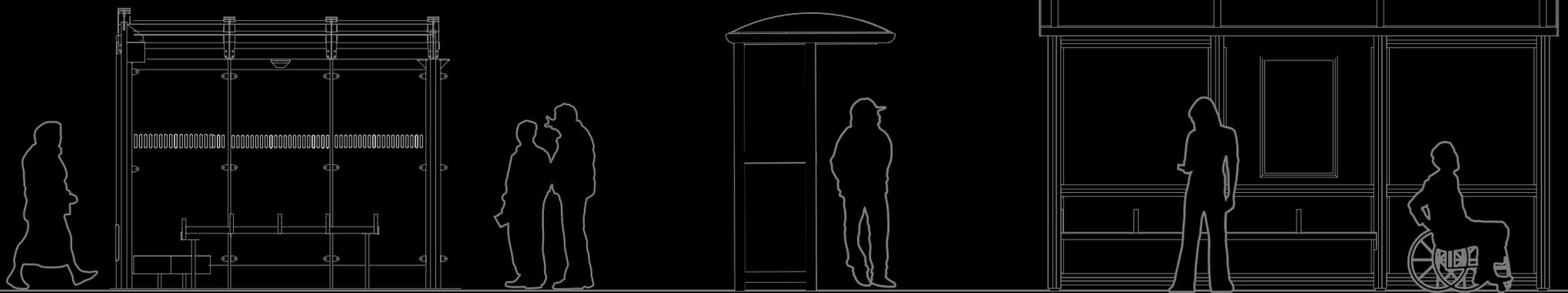
Superhub



Prestige Rail Waiting

Ref: 1A 037

Contact our sales office on **020 8561 4959**, email us at **sales@trueform.com**  
or visit **www.trueform.com** for more information on any of our products



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