

STRUCTURES

THE MOST FLEXIBLE, DESIGN-LED
AND COST EFFECTIVE ALTERNATIVE
TO BESPOKE SHELTERS



MOTIS structures are exactly what you want them to be.

The structures comprise of a flexible set of standard structural elements that are used to create structures and shelters presented alongside a suite of complementary street furniture and lighting.

A modular system of standard parts combines in limitless permutations to create cantilevered and gull wing shelters, waiting rooms, and retail, ticket or information kiosks.

Components may be finished in their natural state or painted for location identity whilst ensuring budgetary restrictions are met. They may also be clad with an attractive suite of aluminium profiles for enhanced appearance and utility.

Cladding profiles act as branding devices, ducts for power or data cables, locations for integrated lighting and signage and protect the vulnerable areas of the structures from vandalism.

The MOTIS structures support integrated lighting and traditional and digital signage systems to assist travellers with wayfinding and passenger information.

MOTIS structures allow the specification of cost effective, high quality, tailored facilities from a set of standard components.

The result is a flexible system that offers style, practicality and functionality at a known cost and shorter manufacturing programme than bespoke designs.



1. ROOF

Choose from gullwing, cantilever and a range of outreach options.

2. STRUCTURE

Specify the main structure height and pitch/length options in clad or unclad finishes.

4. ACCESSORIES

Finalise the shelter with signage, lighting and seating options.

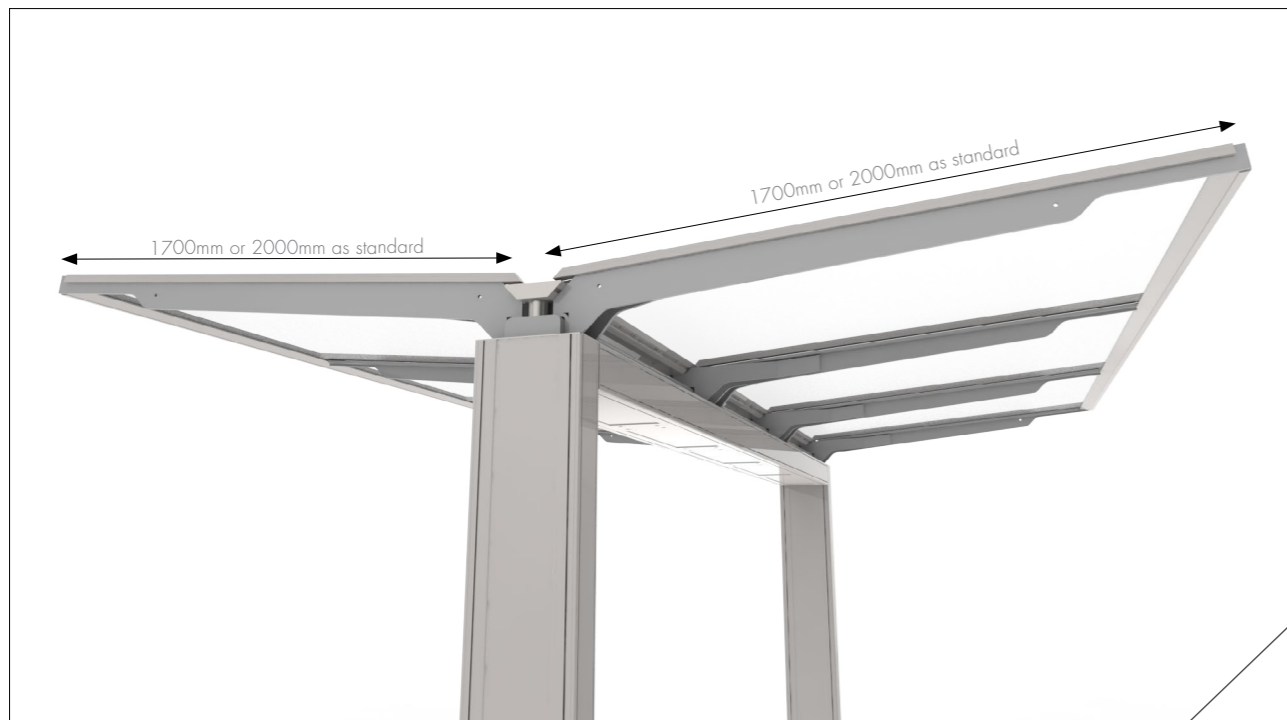
3. SCREENS

Select screen and access options dependent on your exact requirements.



Cantilever

The cantilever solution is suitable for any shelter requiring single side access and they are often specified for transport interchanges where there is a limited pedestrian space or where a small footprint structure is required. Other previously specified systems include smoking shelters and cycle shelters.

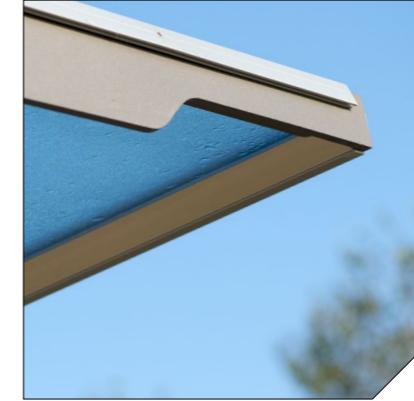


Gullwing

Gullwing shelters provide a stunning visual arrangement where there is a dual platform requirement. An alternative is to enclose all sides of the gullwing structure to provide a covered passenger waiting area or a secure cycle storage shelter.

Finishes

Once the style of shelter has been specified, the roof can then be tailored to fit your requirements with a range of panels. Options include standard 10mm toughened glass through to solid polycarbonate for to block out sunlight. Alternatives can be printed, branded or perforated aluminium for shade.



Rainwater Management

MOTIS roof systems have been designed to integrate effective rain water management to ensure longevity of the shelter. This management system is concealed within the leg element of the structure for a cohesive and attractive aesthetic.





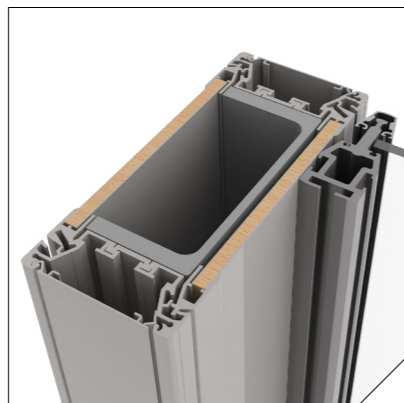
Unclad

The unclad structure option ensures the very best cost-effectiveness of your MOTIS shelter and is finished in attractive galvanised steel which may be painted to your project specification.



Clad

The MOTIS cladding system provides a visually attractive finish and a multitude of customisation options. Anodised aluminium cladding allows for an enhanced aesthetic when installing integrated lighting and signage components. The cladding also enables greater ease of maintenance and flexibility in electrical management.



Clad X Section



MOTIS Modular Structure

The main structure consists of a fabricated steel body of two legs and a spine beam that are 3m or 4m lengths as standard.

Multiple spine beams can then be infinitely connected to extend the shelter to your specification. The standard lengths can also be mixed and for your project requirement.

Back Screen

Often used to house signage and timetable information in transport applications but can also be used to mount lean bars and seating solutions. The back screen might be used to partition a gullwing shelter into two defined waiting areas. All screens are available to be specified in a range of finishes.

Side

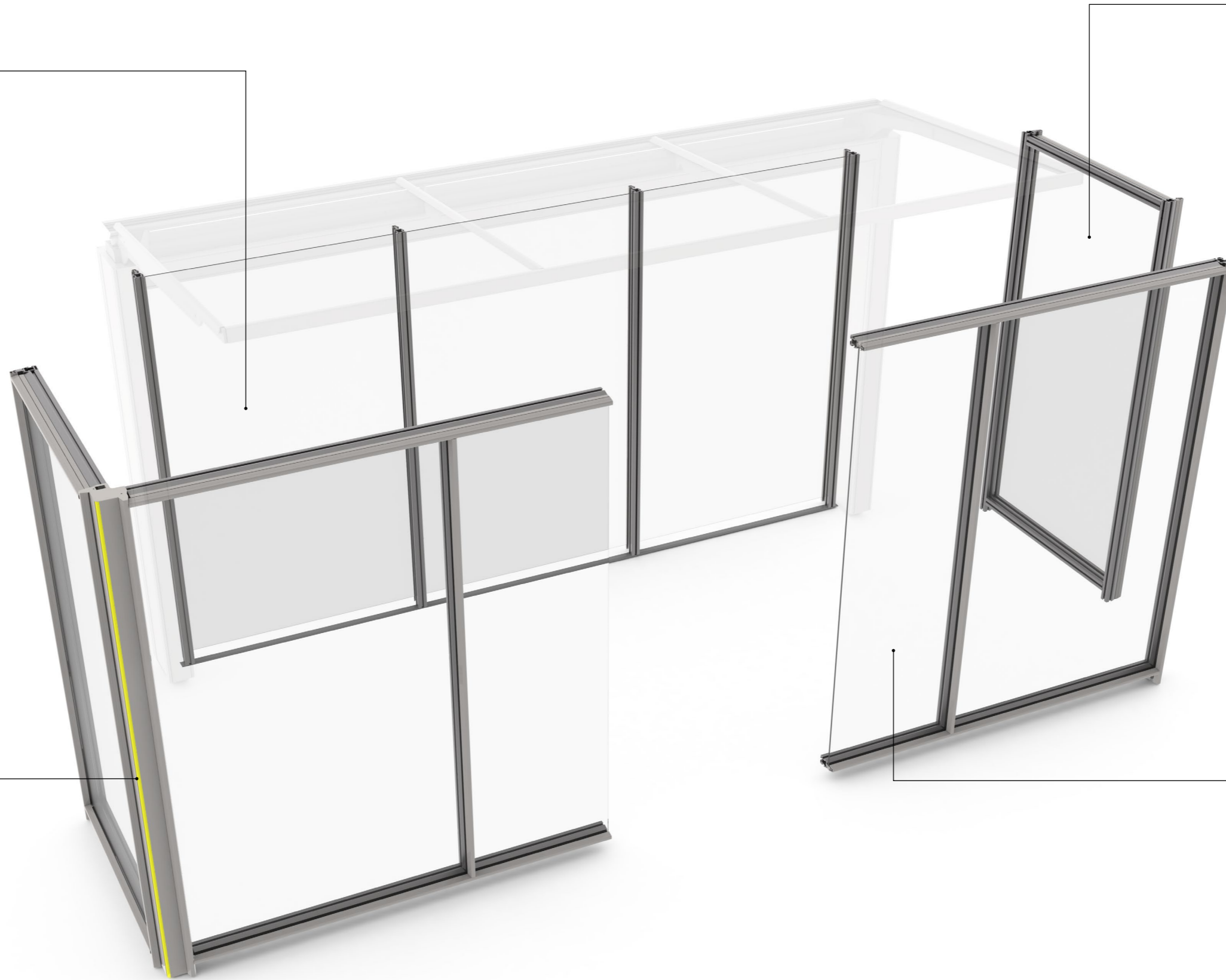
These screens are frequently used on both gullwing and cantilever shelters to host passenger information, advertising, digital signage, or simply to provide respite against weather.

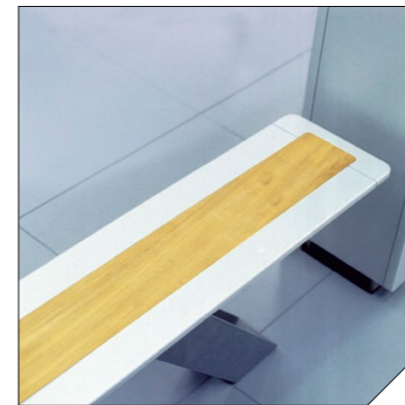
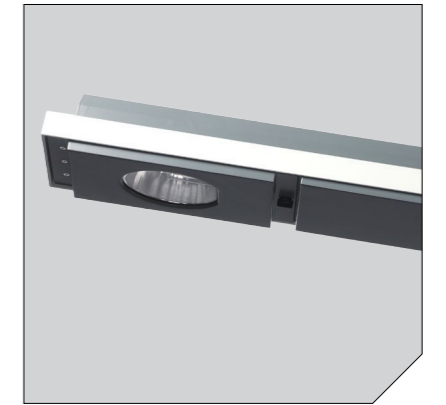
Enclosed

Enclosed screens provide a higher security structure option or they may be combined to allow a more defined passenger waiting area for longer-term waiting at transport interchanges. The detail on the corners of the enclosed shelters can be specified with hi-visibility strips for safety, or coloured in-fills for route definition.

Front

Front screens can be split to allow a defined access into shelters. On busy interchanges this controls the passenger throughput to ensure a higher level of user safety. These screens are available in a range of finishes to show routes, lines or information.





Electrical & Lighting

The MOTIS structure system allows for a multitude of electrical and lighting options, from solar panels to standard illumination for improved passenger safety and information legibility. A simple locking integrated door provides electrical access. All elements are IP rated and designed for durability and low maintenance.

Signage

Successful transport interchange projects provide a wealth of information for the passenger. The MOTIS structure and screen system incorporates all possibilities, from route flags and standard timetabling to the incorporation of the latest in digital signage technology, MOTIS is entirely flexible to your project requirement.

Seating

The MOTIS seating range is a collection of solutions to accommodate transport users with differing requirements. Benches, seats and lean bars can all be used and mixed across the transport interchange according to dwell time, accessibility, budget restraint and location identity.

More MOTIS

MOTIS structures are available with complimentary street furniture and lighting elements that display visual co-ordination and cohesion across the MOTIS range. This enables a consistent project signature to be established and helps minimise visual clutter.