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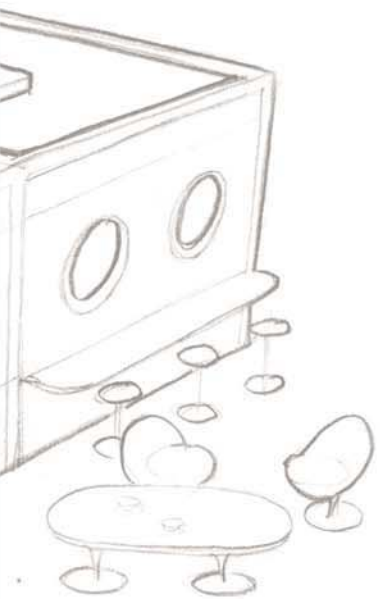
quadro

UNLIMITED FLEXIBILITY

Quadro: an office within an office

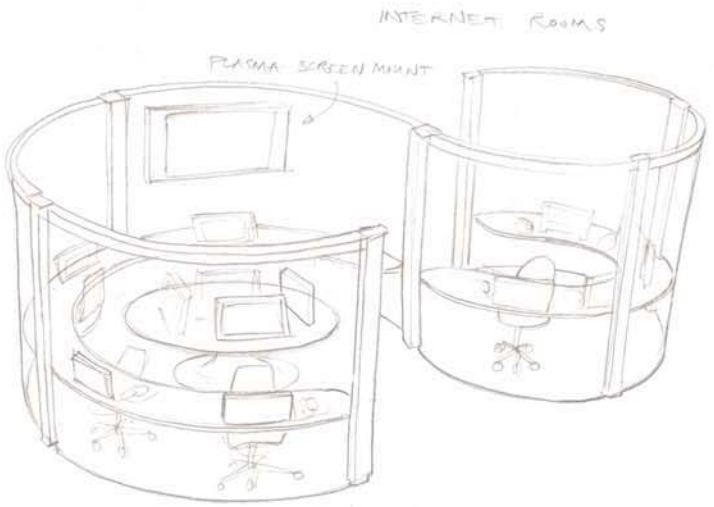
Quadro provides freestanding cellular environments of virtually unlimited design possibilities and end user applications. Combining simplicity with flexibility, Quadro will easily adapt to any task; perfect for utilising space within open plan areas.



Anything is possible with a little imagination

Forget conventional ideas about fixed screens and experience the unrivalled flexibility that Quadro has to offer. Cleverly designed for a multitude of different uses, it adapts to your design ideas, allowing endless creative possibilities.

The ability to add your own design input, from initial sketch through to installation, means you get an end result exactly as you first imagined.



Enhance the space around you

Quadro doesn't need to make a statement. Its carefully considered design aesthetic will blend effortlessly into any environment.

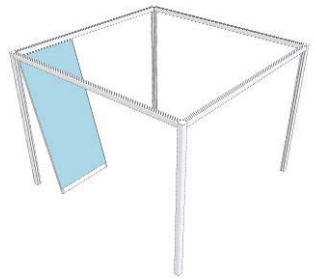
A freestanding design, its minimal frame and elegant panels bring a contemporary look to any landscape. No fixings are visible after construction, giving a smooth, seamless finish.

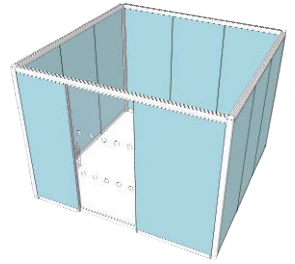
Make changes in minutes: it's churn made easy

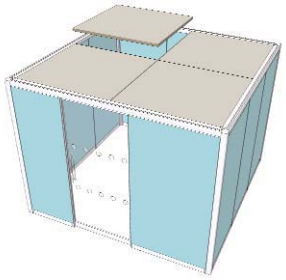
Quadro gives a new meaning to the phrase 'easy to use'. It's so quick and simple to install, that construction of a 3m square pod can be achieved in under 2 hours. Any panel can be removed within 5 minutes without affecting the structure.

And because your work environment is defined by freestanding panels, they're easy to move should circumstances require, even if that means relocating to new offices. Quadro can simply move with you, meaning no expensive dilapidation costs and a longer product life cycle.

Simple to install







Increase concentration and privacy levels

Distracting noise is a major problem experienced by many staff in open plan working environments, but it can be effectively managed. Quadro screens help contain noise, reducing distractions and helping concentration levels.

In areas where privacy and confidentiality are important, acoustic ceilings and sound rated panels can be introduced to reduce the level of noise entering or exiting the pod. By selecting the correct glazing dado height, or manifestation, visual privacy can also be controlled.

Developed with flexibility in mind, Quadro gives you the freedom to define the way you work

Whether you need a simple office, a large conference room, or somewhere to concentrate, Quadro gives you the ability to construct almost any environment.

By combining a bespoke aluminium frame with an unrivalled choice of panel elevation styles and material finishes, it's possible to create spaces that fit exactly to your needs. So whether you need a place to work, a space to chat, or just somewhere to make a cup of tea, Quadro provides the answer.

Applications include:

- office segregation
- curved offices
- rectangular offices
- team working environments
- training rooms
- conference rooms
- reception pods
- breakout areas
- kitchens
- hospitality suites
- post rooms
- internet pods
- cafe spaces
- working walls
- freestanding partitions
- meeting rooms
- creative pods
- video conferencing space

Work in privacy and comfort

A conventional, rectangular office space, these pods provide convenient privacy and storage. The visual privacy within the pods can be adjusted by adding more solid panels. Cleverly designed storage accessories fix to the solid panels, providing a tidier, more useable floor space.

In detail

Product:
Quadro 33

Structure shape:
Rectangular

Dimensions:
3m x 2.6m x 2.2m high

Features:
Use of 3rd level storage to reduce the furniture footprint required.

Power, data, lighting and climate control can be provided, together with acoustic ceiling panels and sliding doors for privacy.

Take centre stage

Create a stunning focal point with this eye catching, individual pod. Perfect for smaller meeting rooms or personal offices, visual privacy can be controlled by adding more or fewer solid panels.

In detail

Product:
Quadro 21

Structure shape:
Round

Dimensions:
3m diameter x 2.2m high

Features:
Select panel elevations and finishes to provide increased privacy and functionality i.e. dry wipe boards.

A pod for all reasons

Accommodate shared services and resources in one easy to maintain, self contained space. Customising the basic round pod can transform the space for use as a post room, a printing and copying booth or hospitality area.

In detail

Product:
Quadro 21

Structure shape:
Round

Dimensions:
3m diameter x 2.2m high

Features:
Contain unsightly and noisy operations to protect nearby staff from unnecessary interruptions.

Kick back and relax

Circular and oval pods are an ideal fit for open plan areas, providing break-out zones and one to one meeting spaces. Freestanding, informal seating has been designed to fit the 3m diameter internally and externally.

In detail

Product:
Quadro 21

Structure shape:
Lozenge

Dimensions:
3m x 4m x 2.2m high

Features:
Venue seating designed to fit inside and outside the Quadro pod.

Optional acoustic ceiling and sliding curved door. Lighting and climate control can be provided.

Live the high life

Back to back D shaped pods for those visiting executives, requiring private working and meetings spaces without moving office.

In detail

Product:
Quadro 21 & 33

Structure shape:
D-shape

Dimensions:
4m x 4m x 2.2m high

Features:
Freestanding, independent spaces that can easily be converted into one large area when needed by removing the dividing wall panels within minutes.

Let's get together

Create flexible, individual spaces for dining, larger meetings and work groups in the open plan environment. Select elevation types to control visual distractions and improve concentration and privacy.

In detail

Product:
Quadro 21 & 33

Structure shape:
D-shape

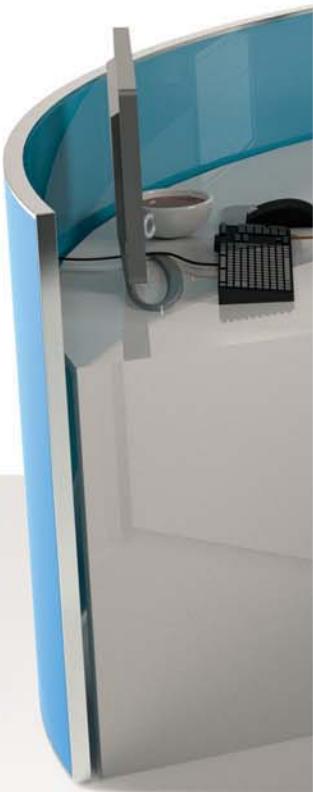
Dimensions:
5m x 5m x 2m high

Features:
Big D-shaped pods create a space large enough to accommodate multiple conference tables.

The acoustic ceiling has the option of spotlights and climate control.

Create a welcoming reception

Freestanding, individual spaces for client and visitor meetings and work areas. Suite these spaces with the circular reception area screens.



In detail

Product:
Quadro 21 & 33

Structure shape:
Circular

Dimensions:
3m diameter x 1.2m high

Features:
Reception pods designed to work with the surrounding office areas.

The pods have the option of single or double-sided colour ways.

Power and data can be provided.

Make time for lunch

Provide a simple café area including all the facilities without the expense of constructing a new refectory. Utilise the space saving, wall hung bar table tops and stools or conventional dining furniture.

Integrated power panels provide the electrical services for the vending and coffee machines.

In detail

Product:
Quadro 33

Structure shape:
Rectangular

Dimensions:
3.6m x 4.8m x 2.2m high

Features:
bespoke porthole windows, select the panel finishes to create a vibrant environment.

Move up to the next level

Reduce your furniture footprint with a working wall that cleverly uses the third level for storage. A range of shelving, cabinets and desking can be fixed onto the vertical panels, freeing up valuable floor space for other uses.

In detail

Product:
Quadro 33

Structure shape:
Wall

Dimensions:
6m x 1m

Features:
Working walls can be integrated into the Quadro system or fixed to any existing wall or run of storage cabinets. Manufactured specifically to suit the designated space and work requirement with a large range of storage accessories to personalise your space.

Presentation is everything

Establishing prestige and professionalism in a car showroom is an important part of generating a successful sale. Our elegant pods not only help divide large expanses of floor into more intimate customer areas, but also create an air of distinction and status for the marque.

An open approach to banking

Today's market demands that banks display an open approach to business whilst still retaining clients' confidentiality. Quadro allows visual privacy to be controlled by adding more, or fewer, solid panels. Confidentiality is achieved through the use of appropriate acoustic ceilings and sound rated panels.

Cashier
Cashier
Personal Banker
Personal Banker

Create first class environments

People's experiences at airports can be much enhanced by the environment that surrounds them. Elegant lounges in which to relax and contemporary shopping booths for passengers to while away the time are simple to construct with our easy-to-assemble, modular screen system.

image to come

COAST
DEPARTURES
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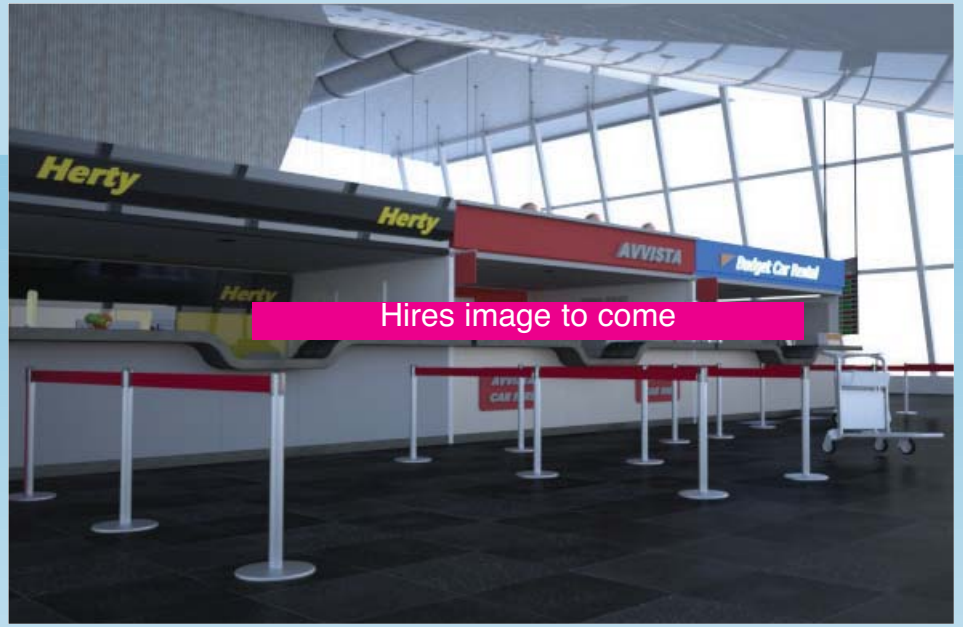
Quadro: impressive in any environment

End user applications need not be limited to the office. Quadro is ideal for use in almost any contemporary environment; its flexibility allowing for changes of use, function and identity, making it perfect for car rental booths.



AVVISTA
Budget Car Rental
Hires image to come

Quadro: an easy-to-assemble, modular pod system, available in a vast range of finishes to suit any application.

Are you looking for a worry-free project? At Screen Solutions we de-risk your project responsibility by carrying out our own on-site surveys, identifying potential problems before they arise, delivering the planned project on time and within budget.

Bespoke manufacture allows every module to be customised to your specific project, guaranteeing they will fit the most difficult parts of your building. Most of all, our team will deliver your design without having to stick to set standards.

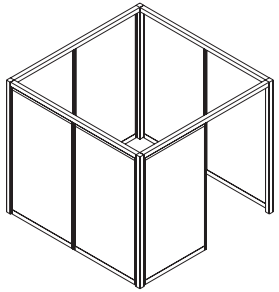
Features and benefits

Features	Benefits
Creative flexibility	Add your own design input right from the start
Bespoke manufacture	Panel size and elevation made to suit each project
Choice of panel finishes	100's of styles: fabric, laminate, foil, veneer, or vinyl
Freestanding	Easy to move – no dilapidation costs
Easy to install	Quick construction – under 2 hours for a single pod
Simple panel fixings	Remove a single panel in under 5 minutes
2 panel thicknesses	21mm for curved, 33mm for straight and curved
Beams up to 7000mm long	Span large areas using fewer columns
Minimalist aluminium frame	No unsightly fixings visible after construction
Single or double glazing	Double glazing improves acoustic confidentiality
Printable panels	Decorate with images and corporate designs

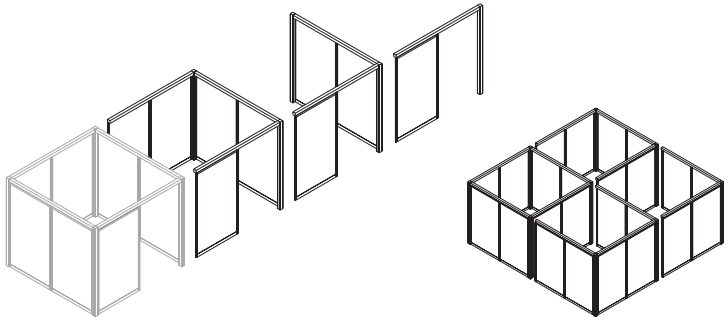
Module shapes

These example layouts show common Quadro configurations and basic pod shapes. Expand a starter pod with the addition of appropriate extension modules.

Square



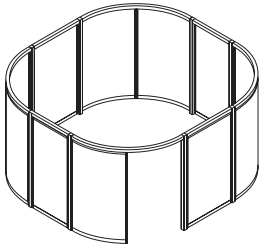
Starter pod



Extension modules: 3, 2 and 1-sided

Example combination

Curved corners



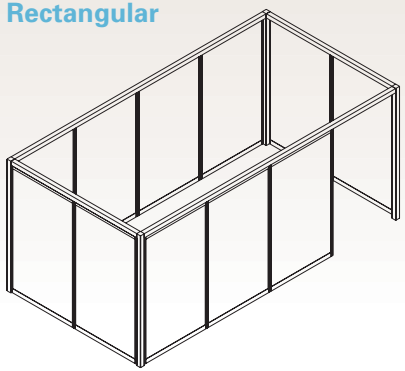
Example pod

Extending with less

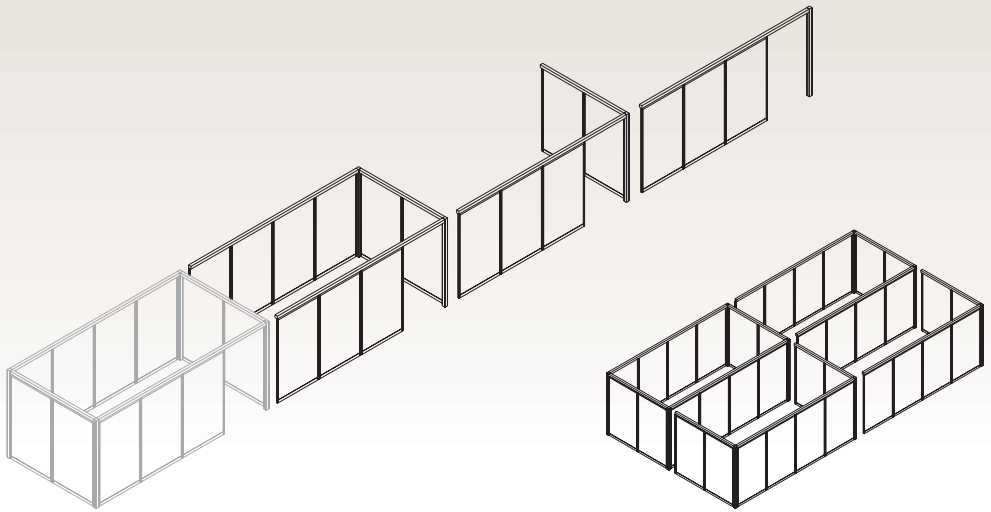
A freestanding, square, four pod combination does not, as you might think, need four pods. Because of its column and beam design, it needs only one 4-sided starter pod plus two 3-sided extensions and one 2-sided extension.

To construct 4 individual pods would increase costs by 36%. It therefore pays to be imaginative with your layout design.

Rectangular



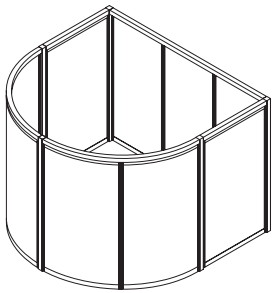
Starter pod



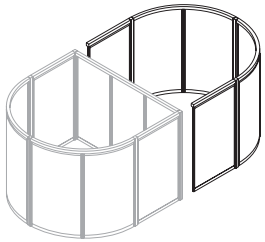
Extension modules: 3, 2 and 1-sided

Example combination

D-shape

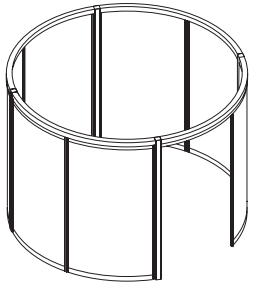


Starter pod

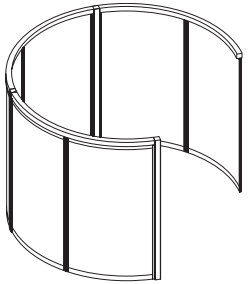


Extension module

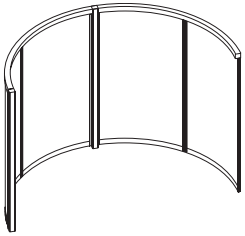
Round



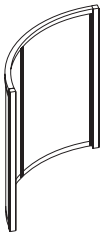
Full circle



Three quarter circle

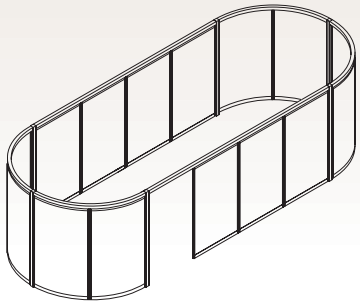


Half circle



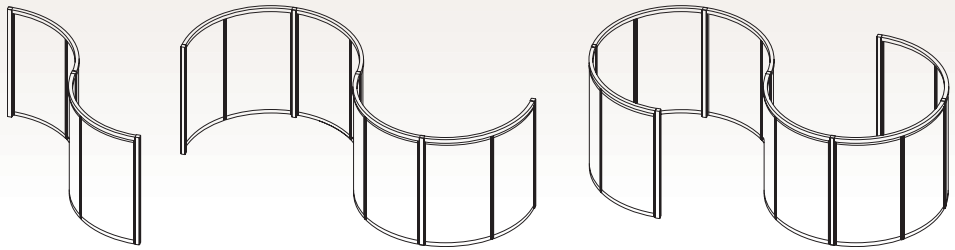
Quarter circle

Lozenge



Example pod

Curved



Example configurations

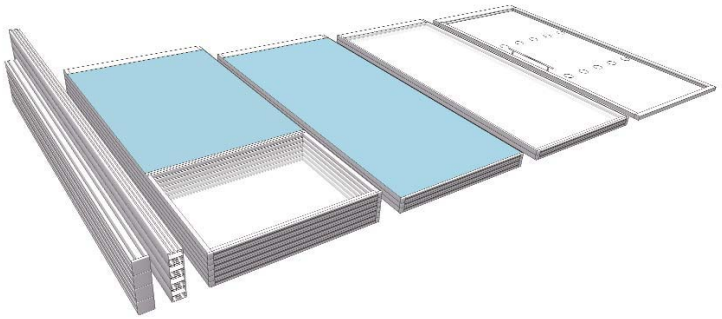
Beams and panels

Robust aluminium frame
The main aluminium beams are 70mm wide x 70mm high with integral tracks. Aluminium columns are 75mm square that accept Quadro 21, Quadro 33, and Quadro screen panels, giving an unobtrusive fabric-to-fabric joint.

Bespoke panel sizes
Panels are available in 21mm (Quadro 21) or 33mm (Quadro 33). Any size can be manufactured to a maximum of 1200mm x 2529mm within the boundaries of the chosen finish material widths and orientation.

Constructing a basic pod

Quadro is amazingly quick and easy to install. This example 3m square pod can be constructed in under 1 hour.



Manufacture

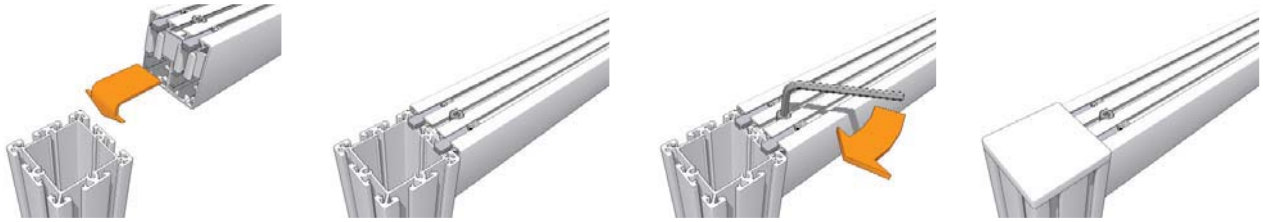
All components are bespoke manufactured to match client specifications, which ensures that, once on-site, assembly is simple and straightforward.

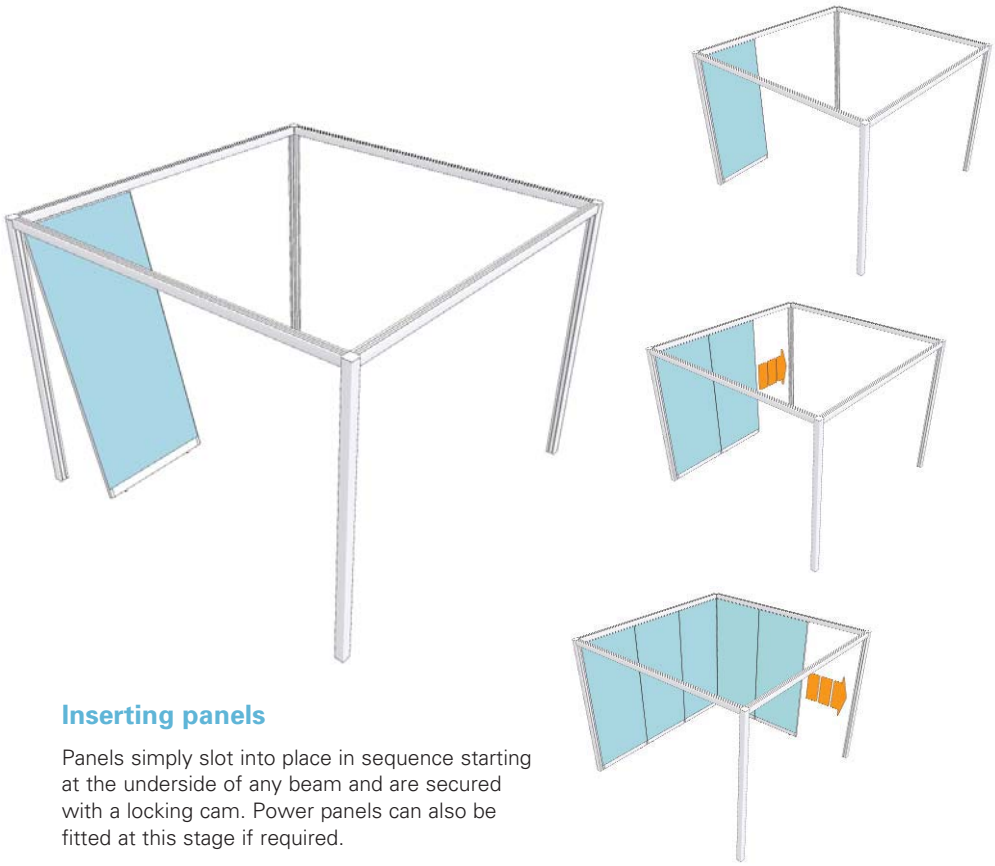
Frame construction

The columns and beams are assembled with just one tool. All fixings are hidden once assembled.

In detail: constructing the frame

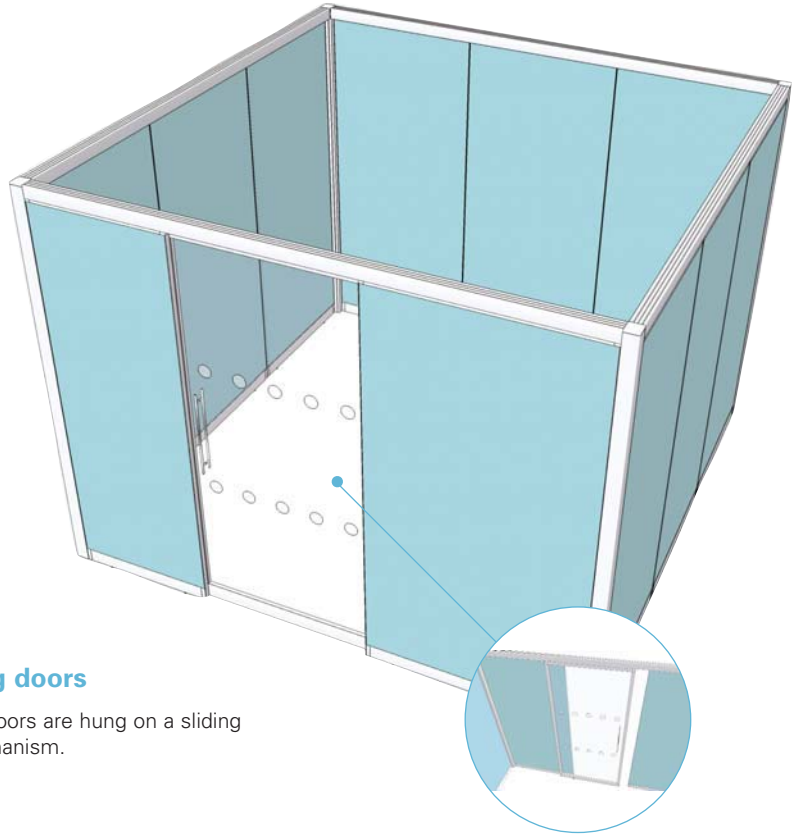
The beams and columns slot into place and are secured using just an alan key. Once fully assembled, no fixings are visible.





Inserting panels

Panels simply slot into place in sequence starting at the underside of any beam and are secured with a locking cam. Power panels can also be fitted at this stage if required.

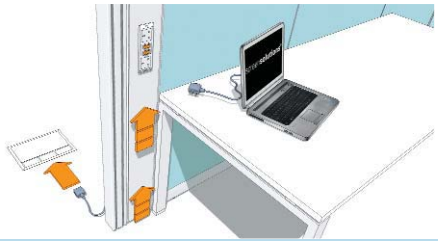


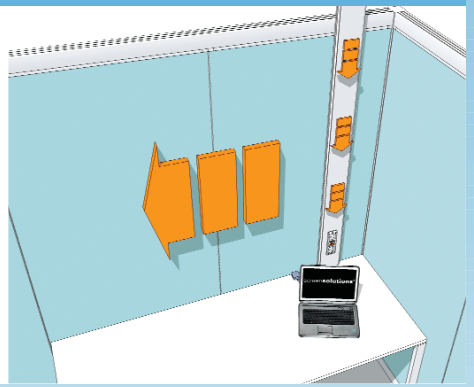
Adding doors

Sliding doors are hung on a sliding car mechanism.

Power panels

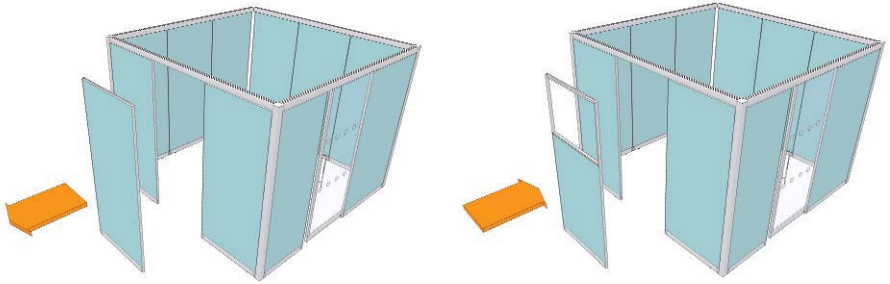
The Quadro vertical cable management module can be easily fitted into a run of panels.





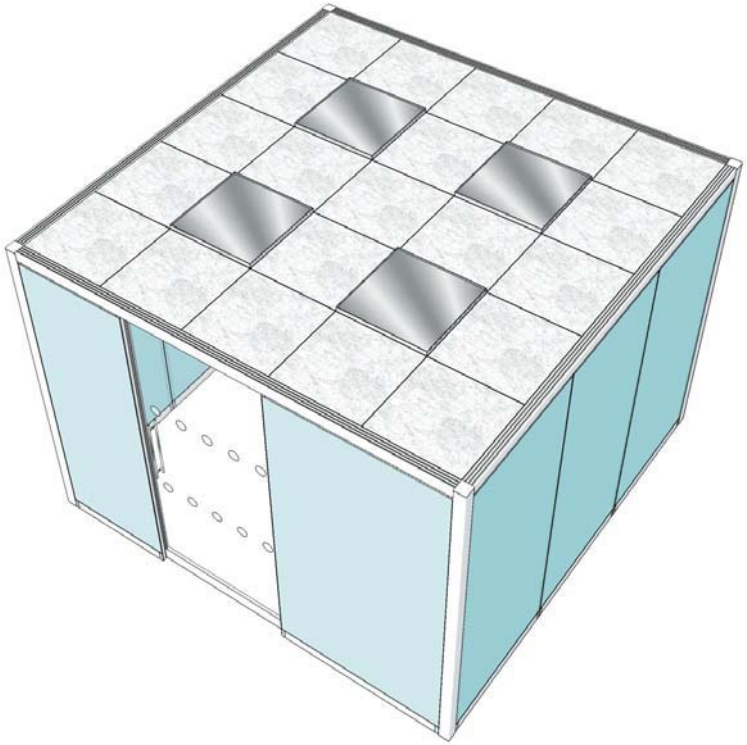
Switching panels

Panels can be changed or replaced without affecting the structure.



Adding a ceiling

Once the basic structure is completed, the pod is ready to use. However, fitting an acoustic ceiling will greatly improve privacy.



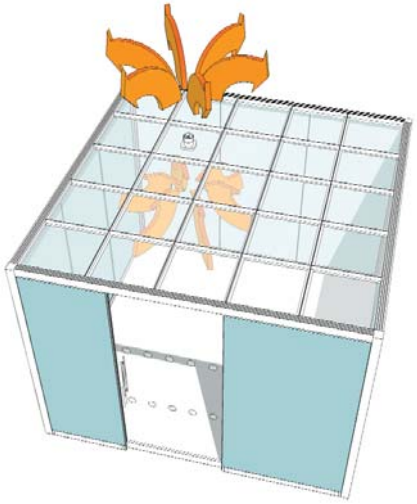
Ceiling lighting

Ceiling lighting can be specified to suit client requirements, from daylight, energy saving, fluorescent modules to individual, dimmable spot lights.

Ceiling fan

Ceiling ventilation fans are sized to suit the spaces created and provide the number of air changes recommended in Building Regulations.

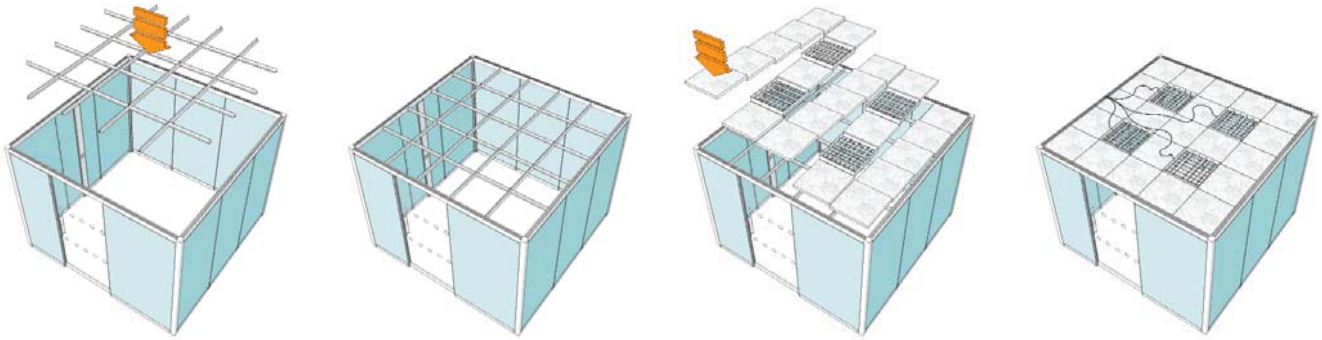
When occupants enter and exit the space, PIR sensors control the fans to ensure their correct operation and energy savings.



Installing the ceiling

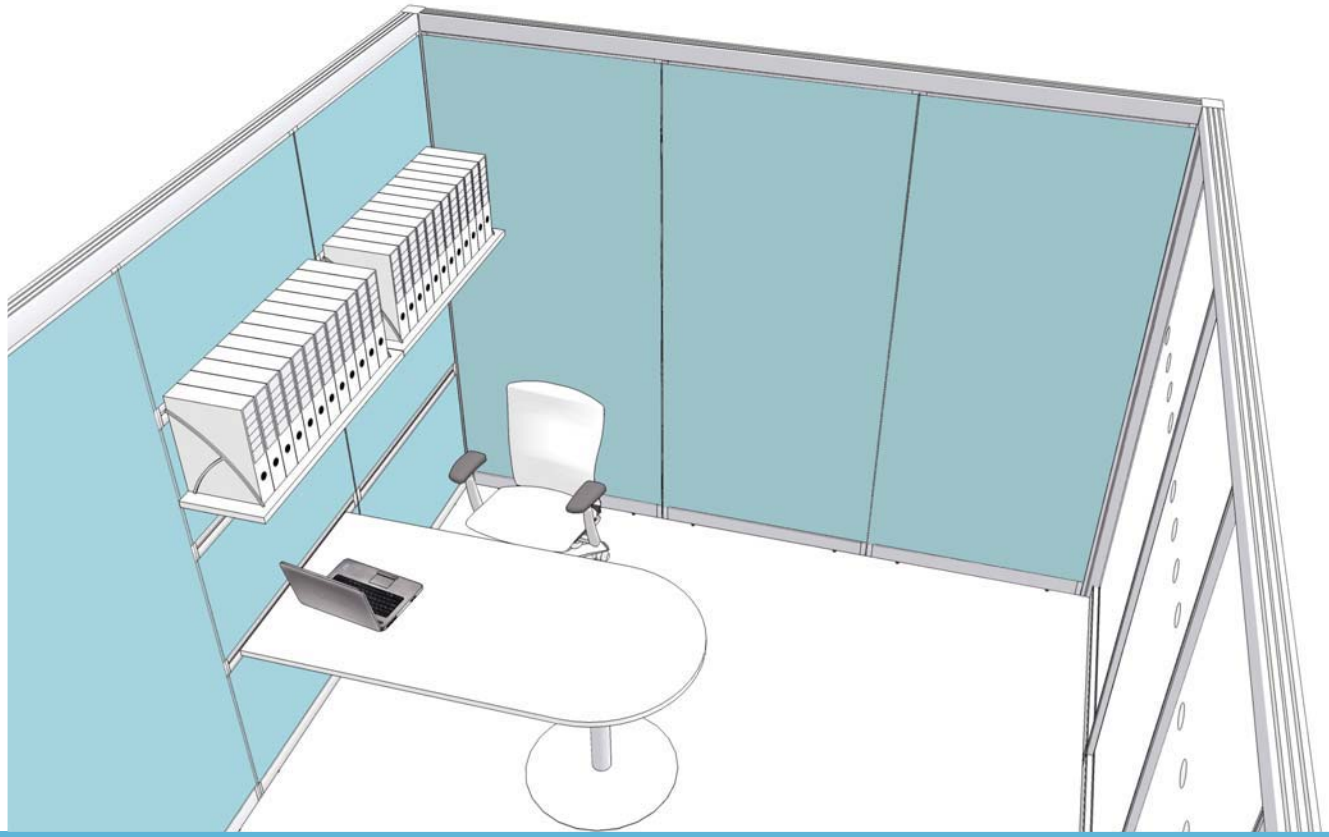
The clip in ceiling grid system is fixed to the perimeter beams to support the acoustically rated ceiling tiles. These tiles, with the lighting modules and ventilation units, clip into the grid in the required positions.

The ceiling tiles can be selected to provide an acoustic rating of up to 44dB(A) insulation and class A absorption (0.90 NRC.)



Accessories for the workplace

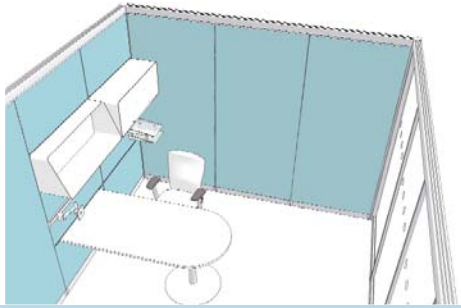
A range of third level, screen-hung accessories are available to complement Quadro, helping users save valuable floor and desk space.

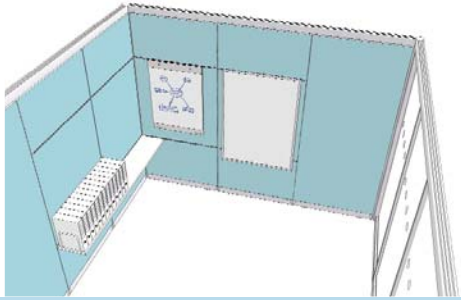


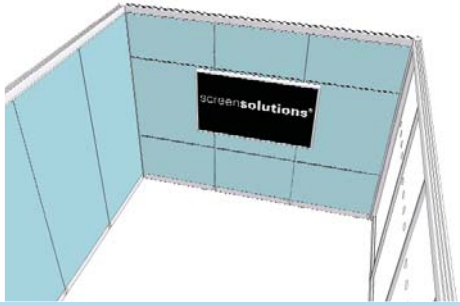
Accessories

The panels can be plain or support the full range of specially designed Quadro third level accessories, from blade shelves and paper management trays to lockable flipper cabinets and work surfaces.

Teaching and presentation equipment, including flat screen TVs, can also be supported by the panels .

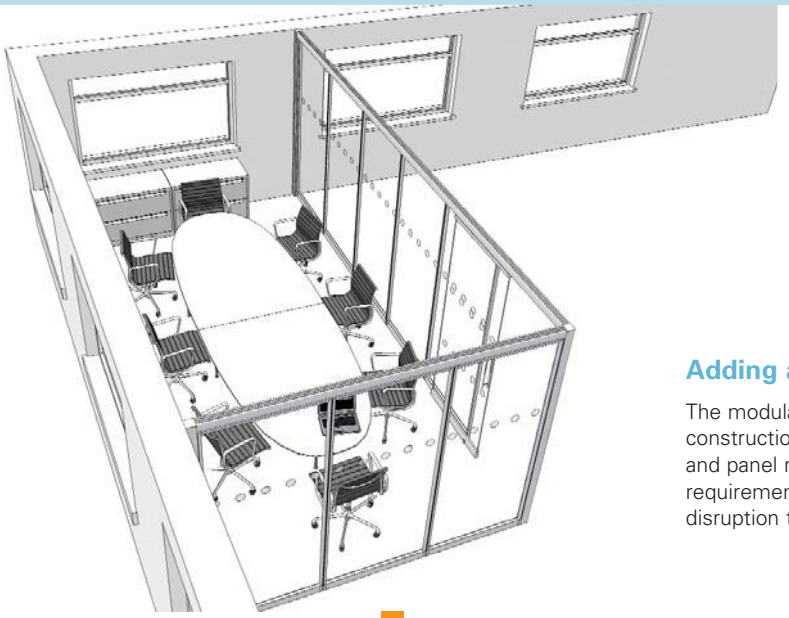






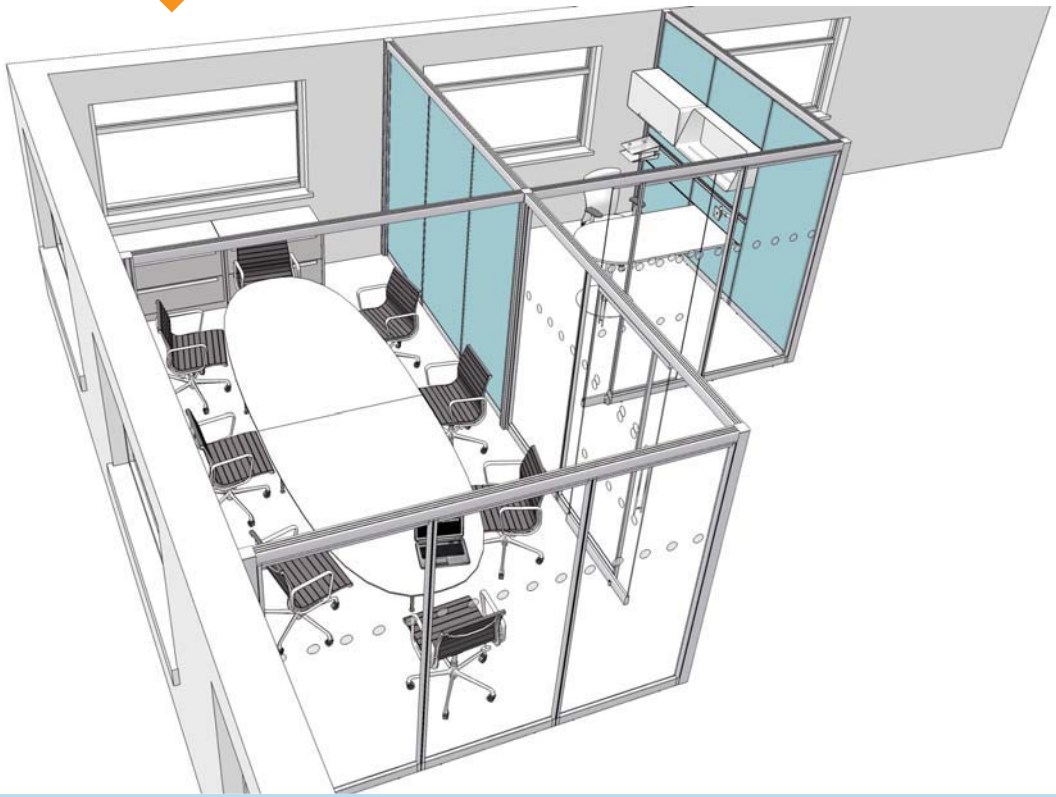
Making changes

Quadro has been designed to change or expand your layouts. The accurate modular column, beam and panel construction and patented linking system allows for easy re-configuration.



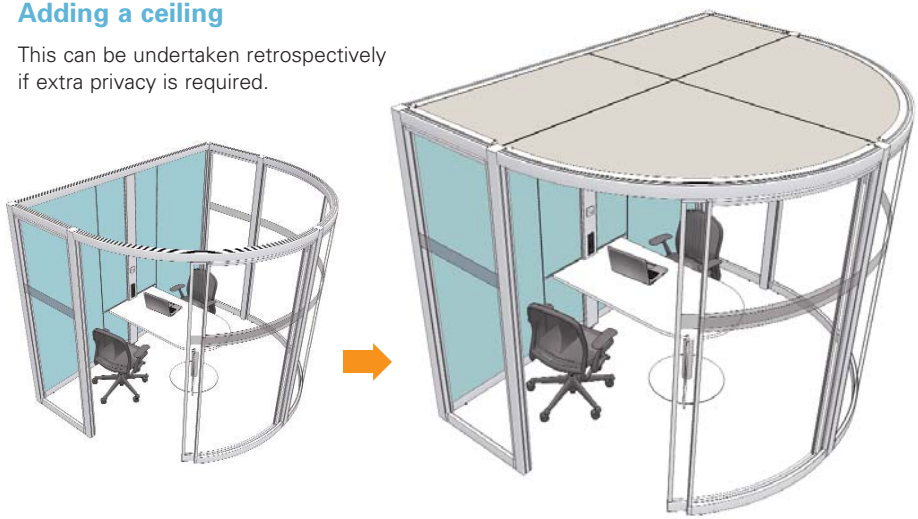
Adding another office

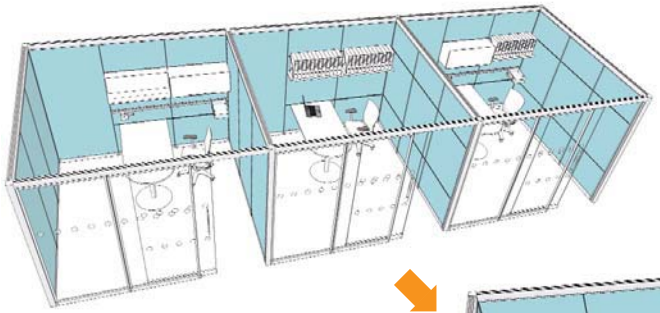
The modular column and beam construction allows for easy expansion and panel relocation as your environment requirements change, without costly disruption to the business.



Adding a ceiling

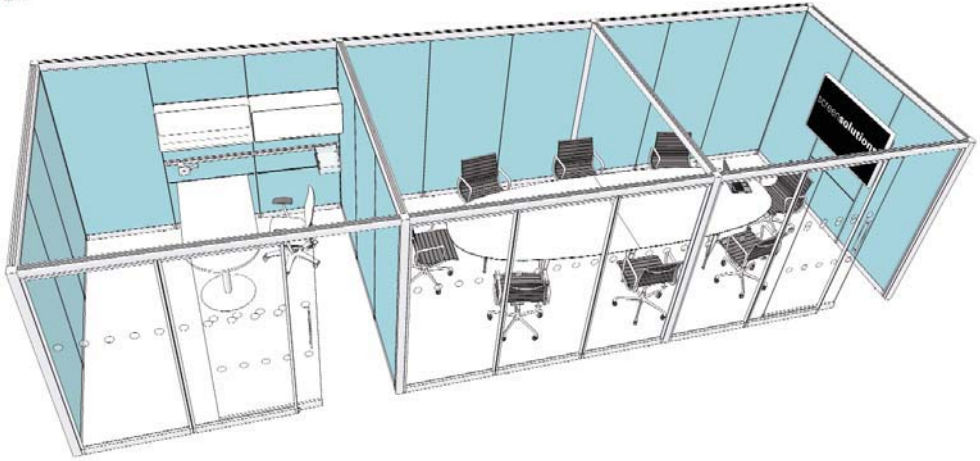
This can be undertaken retrospectively if extra privacy is required.





Changing multiple office configurations made easy

The column and beam construction allows for individual, or complete, runs of panels to be removed without affecting stability of the structure, providing flexibility of the size of spaces required as the operations flex.

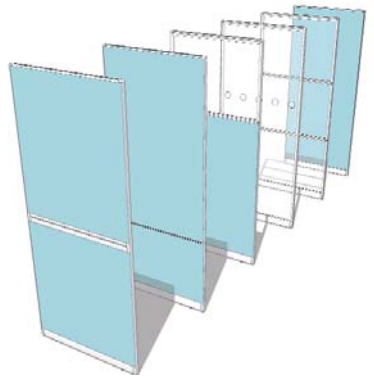


Expanding spaces as needs change

Enlarge a circular pod into a larger, lozenge shaped meeting space, fully utilising all existing materials.

Common panel options

- Solid elevation
- Fully glazed elevation
- Banded glazed elevation
- Part glazed part solid elevation
- Elevations with accessory rails
- Elevations with discrete tool rails



A wide choice of glazing types and panel finishes are available to create the desired aesthetic and level of privacy required: fabric, high pressure laminate, dry wipe writing surfaces, veneer, vinyl and others.

Overview
Quadro is a high level, column, beam and panel system that is designed to provide completely freestanding cellular offices, meeting rooms, breakout facilities and front of house private spaces.

Future proofing for the ever-changing office is achieved due to the system's accurate framework and simple modular link allowing easy re-configuration.

The Quadro screen system has its own low level screen to complement it for screening requirements in the open plan areas, thus ensuring continuity in the design aesthetic.

A wide choice of glazing types and panel finishes create the desired aesthetic and level of privacy required: fabric, high pressure laminate, dry wipe writing surfaces, veneer, vinyl, special paint finishes and other finishing materials are specifiable.

Quadro can be specified to be 100% recyclable – details on request.

Features
- Aluminium beams 70mm wide x 70mm high with integral tracks.
- Aluminium columns 75mm square that accept both Quadro 21 (21mm overall thickness) and Quadro 33 (33mm overall thickness) and Quadro 33 low level screen panels with the unobtrusive framework for discrete panel to panel joins.
- Patented link for strength and speed of installation and reconfiguration.
- Panel finishes are unlimited, HPL, Melamine, vinyl, veneers and fully upholstered being the norm. Choice of materials and glazing specifications including fully glazed, banded glazed, opaque options and etched film graphics are available.
- Integral single cavity accessory panel for flat screen monitor arm support and paper management accessories.
- Two, three and four way 90 degree modular linking.
- High quality, robust aluminium sections for product longevity and fully recyclable.
- Choice of standard framework colours: white RAL 9010, black RAL 9005 and silver RAL 9006. Other colours can be specified.

Panel construction
Quadro panels are manufactured using honeycomb structure incorporated into a robust aluminum framework. The framework is finished with epoxy powder coating and panels in the specified finish. The British Standards for these materials are shown in the table.

Panel dimensions
Linking panels are 21mm (Quadro 21) or 33mm (Quadro 33) at the widest part of the post. The maximum panel size is 1200mm x 2529mm within the boundaries of the chosen finish material widths and orientation. Panel heights should not exceed 2529mm. All panels are made to order to accommodate bespoke sizing.

The patented linking connector facilitates the removal of any panel in a run without disruption to any other part of the system. Standard configurations are available: straight inline, 90 degree 2 way, 90 degree 3 way, 90 degree 4 way.

Bracketry
Work surface and shelf mounting brackets are available to accommodate the majority of desk and furniture constructions.

Panel finishes
A significant choice of flame retardant fabrics to BS 476, part 7 are available. Alternative finishes include high pressure laminate, Melamine, PVC and veneer, vinyl and customer's own material.

Accessories
The accessory facilities support the Caimi paper management accessories and the Quadro paper management accessories. Third level storage units are also available.

Quality and accreditation
Quadro is subjected to stringent quality checks during all stages of manufacture.

BS EN 1023
The Quadro range has been fully accredited by FIRA to BE EN 1023 parts 1, 2 and 3.

British Standards

Aluminum extrusion	6063 Grade alloy T6 temper	BS EN 755-9
Powder coating	Akzo Noble Powder Coating	BS 6496 & BS 6497
Anodised finish	Decorative Sulphuric Anodising	BS EN 12373-1
Glass	Toughened safety glass	BS6206 Class A
Non pinnable panel	Hardboard Faced Paper Honeycomb	BS 476 part 7
Pinnable panel	Cardboard Faced Paper Honeycomb	BS 476 part 7
HPL		EN 438
Melamine		EN 312
Fabrics	See appropriate manufacturer	BS 476 part 7
Foam laminate	2mm combustion modified foam (crib source 5)	SI 1324 (1998)

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