



High-End

DISPLAY GUIDE

Welcome

High-End Display and Video Processing Division

The high-end display and video processing division of the Midwich Group are a dedicated team of specialists focussed on delivering innovation. We do this through the latest and most pioneering display and video processing technologies.

The aim of creating the team was to provide you with a one-stop shop for your high-end display and video processing needs allowing you to own the pixel. With a multi-vendor portfolio, we have a consultative approach in guiding our clients through the options available in the marketplace and providing agnostic specialist advice.

We provide channel-friendly technical services to complement our product portfolio such as onsite pre-sales support, site surveys, onsite technical assistance, accredited training programmes, onsite warranty and advanced replacement support.

Based out of Innovation House in Bracknell, we have the largest demonstration support facility in the UK. This is an asset to our partners; it's designed to showcase the latest technologies from the world's leading vendors, for both you and your end-users.

Our solutions are implemented across multiple verticals including corporate, retail, leisure, education, live events, stadia and outdoor media, the application of these deployments is vast, and each client is unique in their needs.

Graham Pow
Sales Manager | PSCo



Liam Winter
Head of LED



Neil Hutchinson
LED Product
Manager



Peter Boughen
Technical Delivery
Manager



Scott Pollard
Project Director



Allan Mack
External Sales
Specialist

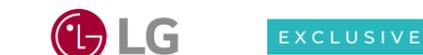


Rob Philips
Brand Manager -
Video Processing

“Through extensive in-house technical experience, we can help you to create powerful and unique systems that work seamlessly together, first-time.”

Liam Winter, Head of LED

Our high-end portfolio includes



and more...

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When market-leading brands meet market-leading service levels

Alongside our technology from world-leading brands, our end-to-end service offering will ensure you have the right level of support to take these products to market, from specification to aftercare.

HARDWARE SYSTEMS

High-End Display

- ✔ Direct-lit LED
- ✔ NextGen microLED
- ✔ 8K+ resolution
- ✔ HDR10+ colour depth
- ✔ Bezel-less tiled LCD video wall platforms

Mount System

- ✔ Wall mounts
- ✔ Trolleys

Video Processing

- ✔ Videowall processing
- ✔ Video scaling & switching
- ✔ Signal distribution

“Validated systems, unrivalled choice, big brands”
Liam Winter, Head of LED

SERVICE & SUPPORT

Demonstration

- ✔ Experience Centre
- ✔ Proof of concept
- ✔ Manufacturer on-site demonstration support
- ✔ Product shoot-outs

Pre-Sales

- ✔ Site survey
- ✔ RAMS
- ✔ Custom mount design
- ✔ Power & data schematics
- ✔ Manufacturer accredited sales & technical specialists

Training Academy

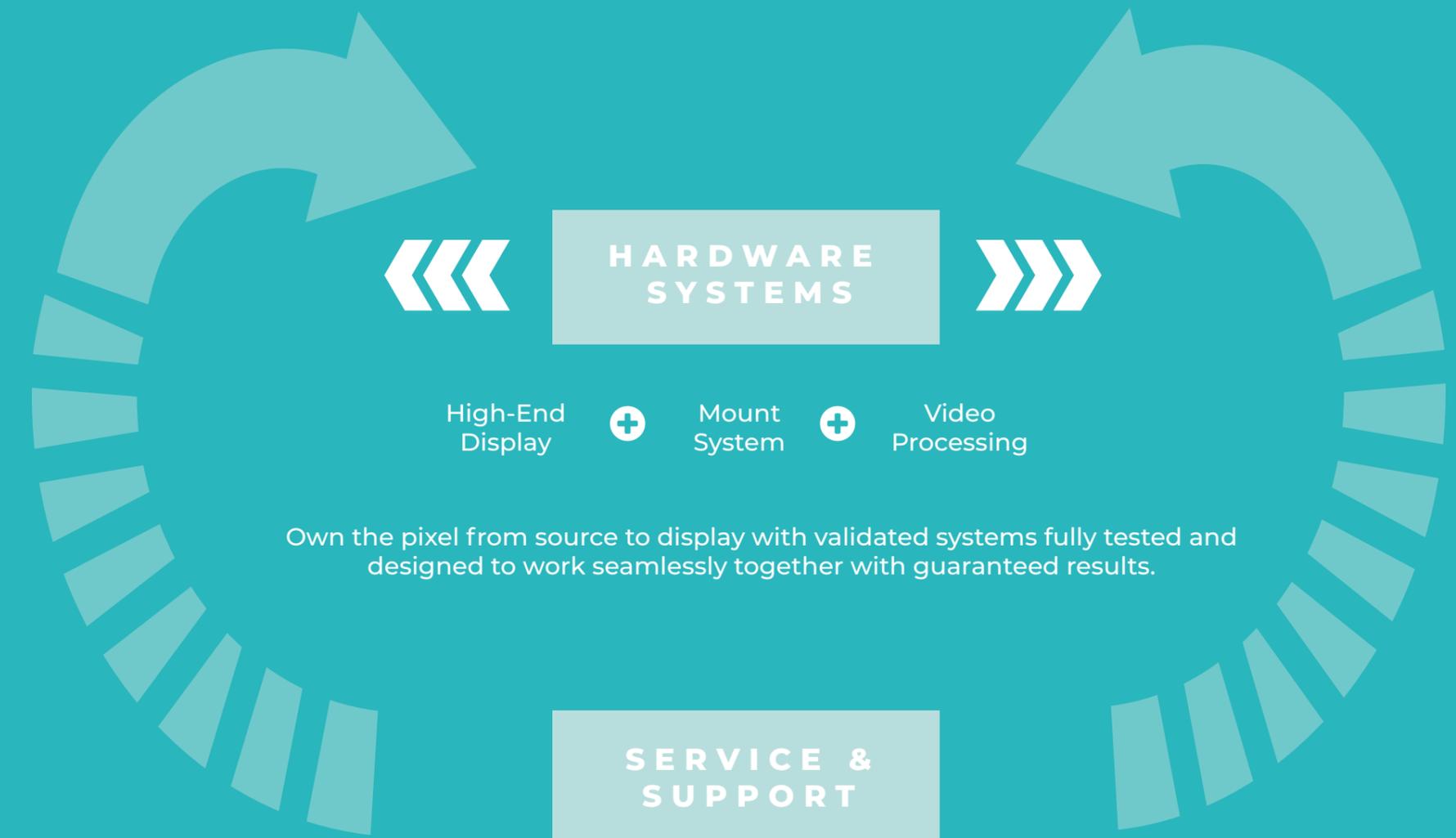
- ✔ Manufacturer accredited training programs
- ✔ Dedicated training facility and staff
- ✔ Dedicated installation training walls

Installation

- ✔ In-house technical resource
- ✔ Specialist logistics services
- ✔ Installation & commissioning
- ✔ Advanced spare module service
- ✔ Pixel repair management service

Aftersales

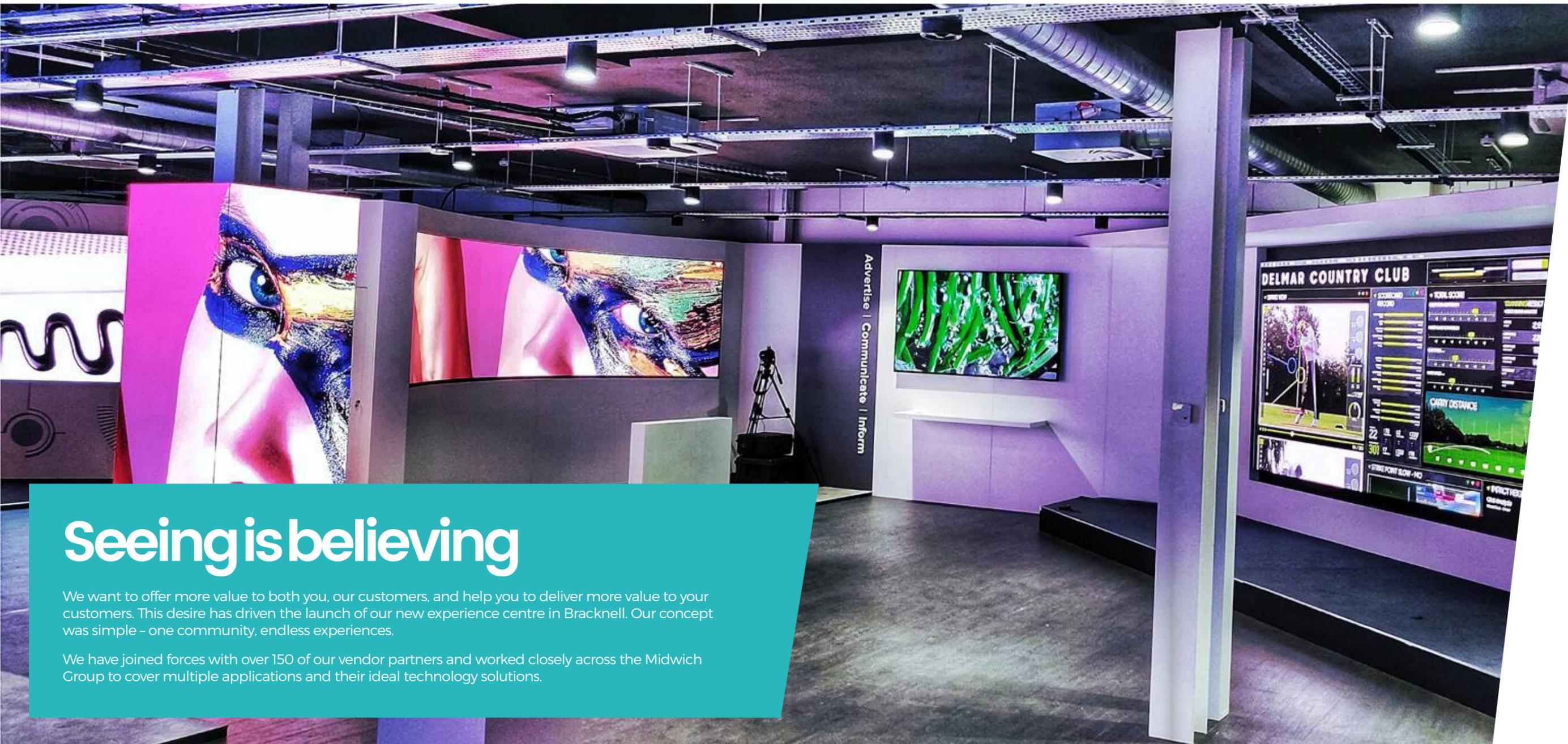
- ✔ In-house LED pixel repair service centre
- ✔ Manufacturer pixel repair recharge service
- ✔ Warranty extensions
- ✔ Online service portal
- ✔ 24/7 support desk



Own the pixel from source to display with validated systems fully tested and designed to work seamlessly together with guaranteed results.

Experience Centre + Pre-Sales Technical + Training Academy + Onsite Assistance + Mi Support Warranties

A trusted source of new technologies offering an unrivalled choice of trade-friendly services supported by our in-house team of manufacturer certified experts.



Seeing is believing

We want to offer more value to both you, our customers, and help you to deliver more value to your customers. This desire has driven the launch of our new experience centre in Bracknell. Our concept was simple – one community, endless experiences.

We have joined forces with over 150 of our vendor partners and worked closely across the Midwich Group to cover multiple applications and their ideal technology solutions.



Present | Collaborate | Communicate

There are a selection of meeting room and training space examples, showcasing the latest in workplace technology, enabling communication, collaboration and increased productivity.



Capture | Record | Stream | Create

A working studio features in this section, showcasing our wide breadth of content creation products. Enjoy our new professional Midwich TV Studio, as well as a choice of virtual studios.



Critical Control | Learn | Engage

This section of the experience centre demonstrates display and control solutions for network operation centres, security and surveillance.



Advertise | Engage | Inform | Immerse

Vertically aligned spaces featuring signage and IPTV for corporate communications and high fashion retail with innovative display technologies and feature rich content management.



Learning Walls

A series of educational displays showing comparison of product styles and technology types, such as audio solutions, video signal distribution, cabling and LED.

Want to make a booking?

Contact your account manager today to discuss your needs and we will book you in an appropriate time slot.

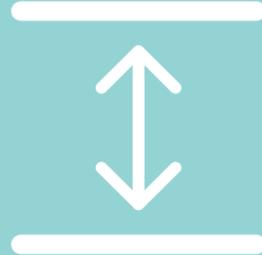
✉ enquiries@psco.co.uk | ☎ 01344 592 222

10 reasons why LED has become so popular...

1

Versatile

LED can be used in a wide range of applications, whether it's a permanent installation or a short-term rental. LED can deliver when it comes to indoor broadcast backdrop, an outdoor mega screen, even creative digital signage canvases, with curves or column wraps, as well as transparent-in-window.



2

Scalable

LED screens are modular, they are made up of many individual panels which connect to create the screen size you need. Modular technology means there are fewer restrictions on size and aspect ratio.



3

Affordable

Price has come down significantly. LED costs are now comparable to high-end projectors.

4

Lower Total Cost of Ownership

LED lasts longer (100,000 hrs) than LCD and projector technologies, and is cheaper to run due to lower power consumption.



Seamless display

5

Ability to create videowalls of any shape and size with no bezels and regardless of ambient light.



Performance & Reliability

Performance and reliability have improved significantly – service calls and repairs have fallen drastically over the years (by 22%). The technology has become a lot stronger with better panel protection.



Technology is improving

The growth of narrow pixel pitch displays (sub-2mm pixel pitch market growing at 27% p/a) is opening up all sorts of new applications. Trends like 5G and smart cities will also increase demand for LED.

Source: LEDinside 2019

9



Availability & Accessibility

Most leading LCD manufacturers also produce LED panels. This has meant there is more choice and more available stock for system integrators.

↑20%

Environmentally Friendly

10

Up to 20% more efficient due to reduced heat dissipation and power consumption. This has reduced running costs and is beneficial for the environment.

Installation & Servicing

Installation and servicing have become easier. With more qualified installers, the technology is less complicated and more accepted.



LED is centre stage at Fenwick's Bracknell launch

High-end displays transform Fenwick's retail environment

Fenwick's is a leading department store and often utilise technology to ensure their retail environments are engaging and innovative. The department store recently expanded its offering, opening a store in Bracknell, Berkshire.

Fenwick's Tunbridge Wells store, Kent store and Colchester stores have all adopted the latest AV technology to engage customers.

"Fenwick strives to provide the perfect value, and to push for innovation. Both the interior design and the AV technology needed to match up to the Fenwick brand, as well as fit in with the renovation of Bracknell. We wanted to make sure the full solution we provided could bring a smart and up-to-date feel to the store."

LED provides a flexible solution that's the perfect canvas for a bespoke and unique design.

This really helped bring the whole store together to produce stunning image quality and the perfect platform for high-end brands to show off their content.

Kevin Palmer, Installer



We were able to help the installers choose the perfect displays that would work best for the application. They had worked with us previously and knew we carried an extensive portfolio of LED products. To help the department store gain a better understanding of the products, and to help them choose the best product, Hugo Fenwick, director of the department store, and his team were invited to our Experience Centre. It was here that they were able to view the Absen 2mm, 3mm and 4mm LED technologies in person and compare them side-by-side, testing content.

"It is always great to have the opportunity to demonstrate LED in our experience centre and be able to create bespoke test builds prior to a project going live."

Graham Pow, PSCo Sales Manager



The experience centre allowed the Fenwick team to view products, test content, discuss mount solutions and effectively witness test the final solution. The final solution selected was the Absen N2 BLK 2.4mm LED set up in 10 different canvases, ranging from 0.5m x 0.8m and 0.8m x 1.1m to 1.4m x 2.3m, formed from 70 panels. The narrow pixel pitch LED offers a viewing distance of less than two metres, so there is a clear image as customers ride up and down the escalators. PSCo provided full technical support before and during the installation.



Read the full Fenwick case study





Getting the most of out signage

The Leadenhall Building reception is transformed with a high-end display

In March 2020, The Leadenhall Building in London completed a three-month design and build project to upgrade their 24 screen videowall to a spectacular 30m² fine pitch LED canvas. Providing creative opportunities and impact, the choice to upgrade was an easy one.

“Amazing digital signage outcomes are the result of investment and innovation in displays, platform and content – and none of these areas should be neglected.”

Inigo Melis, Managing Director, 444 Digital

The sheer number of pixels that could fit in The Leadenhall Building’s reception space allowed for a complete transformation, creating a truly immersive experience as soon as occupiers and visitors step foot inside the building.

Add the capabilities of 444 Digital’s signage platform and a client with world-class expectations, the result is smart content that goes far, far beyond simply displaying pictures.

“We’re immensely proud of this project – it’s a fantastic example of displays, platform, and content coming together to deliver exciting, engaging, and effective communication outcomes. The Leadenhall Building now has an incredible digital communication channel allowing them to rapidly reach the 5,500 people that work in the building, as well as tens of thousands of annual visitors – and we’re very excited about the innovative new content that’s already in the pipeline.”

Inigo Melis, Managing Director, 444 Digital



Not only did 444 Digital set up The Leadenhall Building with engaging content, they also installed a combination of Broadsign and 444 Digital’s own platforms for managing data-driven content and user-generated smart content via their bespoke CMS. This allows The Leadenhall Building Management Team to add seasonal campaigns to their digital signage, providing variety throughout the year.

“Digital signage is often spoken about in terms of content possibilities – The Leadenhall Building is leveraging the full potential of these possibilities today.”

Inigo Melis, Managing Director, 444 Digital

Displays and content should work in harmony to drive the thinking and investment behind projects in the corporate space. To make the most of a display, content should be uniquely designed for a client to be contextual to both audience and environment – and always add value.



Read the full case study



The digital canvas with sky-high ambitions

High-end display delivers the message with a travel hub transformation

Traditional check-in desks at Edinburgh Airport have been replaced by an 85m visually striking self-check-in LED environment, ensuring wayfinding, flight information and marketing visuals are clearly visible from anywhere in the hall.

Completed in March in just over five weeks, the team behind the ambitious project endeavoured to integrate a flexible wayfinding and flight information display solution. From the outset, nuVIDEO worked with Midwich and PSCo, part of the Midwich Group, to ensure everything was in place to facilitate an installation that would be seen by millions of travellers.

"The initial brief was centred around LCD technology and direct PC input to each monitor. This would have been functional, but it was clear LED would be a more suitable platform." says Graham Pow, Head of Sales, PSCo.

Once LED had been selected as the solution for the digital canvas, nuVIDEO worked closely with the airport's commercial team to examine how the asset could be dual purpose as an information focused and promotional display as well as offering longevity and low maintenance.

Deploying a videowall longer than a Boeing 787 Dreamliner in the check-in hall of a busy international airport was both logistically and physically demanding. The work area was classed as airside, meaning every item had to be brought in manually via the airport security screening systems, while staff passed through security to access or leave the site.

“ *Edinburgh Airport is a standout project that clearly demonstrates the benefits of LED. With 118m² of digital real estate, the Absen LED wall delivers a multi-use, highly impactful visual solution in an environment that sees consistently high footfall with extended dwell times.* **”**

Alex Couzins, Head of Brand & Marketing, Absen Europe

A total of 140 prefabricated frames were mounted on to the surface of the wall and aligned end to end, with each vertical frame consisting of four Absen cabinets, slotted into the frames and interconnected in a daisy chain fashion. The well-designed frame allowed ample XYZ adjustment to work with the tolerances found onsite. The canvas comprised 560 Absen A2725 Plus cabinets, amounting to 2,240 LED modules. Once aligned, each section of the wall was fully tested.



Read the full Edinburgh Airport case study



Absen

Absen are the world's leading manufacturer of LED displays covering a wide range of indoor and outdoor applications in both rental and fixed installations.

From corporate lobbies and retail stores to outdoor advertising and live events, Absen has been producing high-quality, reliable and affordable LED displays for 20 years with more than 30,000 installations in over 120 countries. No matter where you live, work or play - chances are you will have come across an Absen screen!

For eleven years running, Absen has been the top Chinese exporter of LED displays, making it the brand of choice for some of the most prominent brands, integration partners and rental companies around the world.

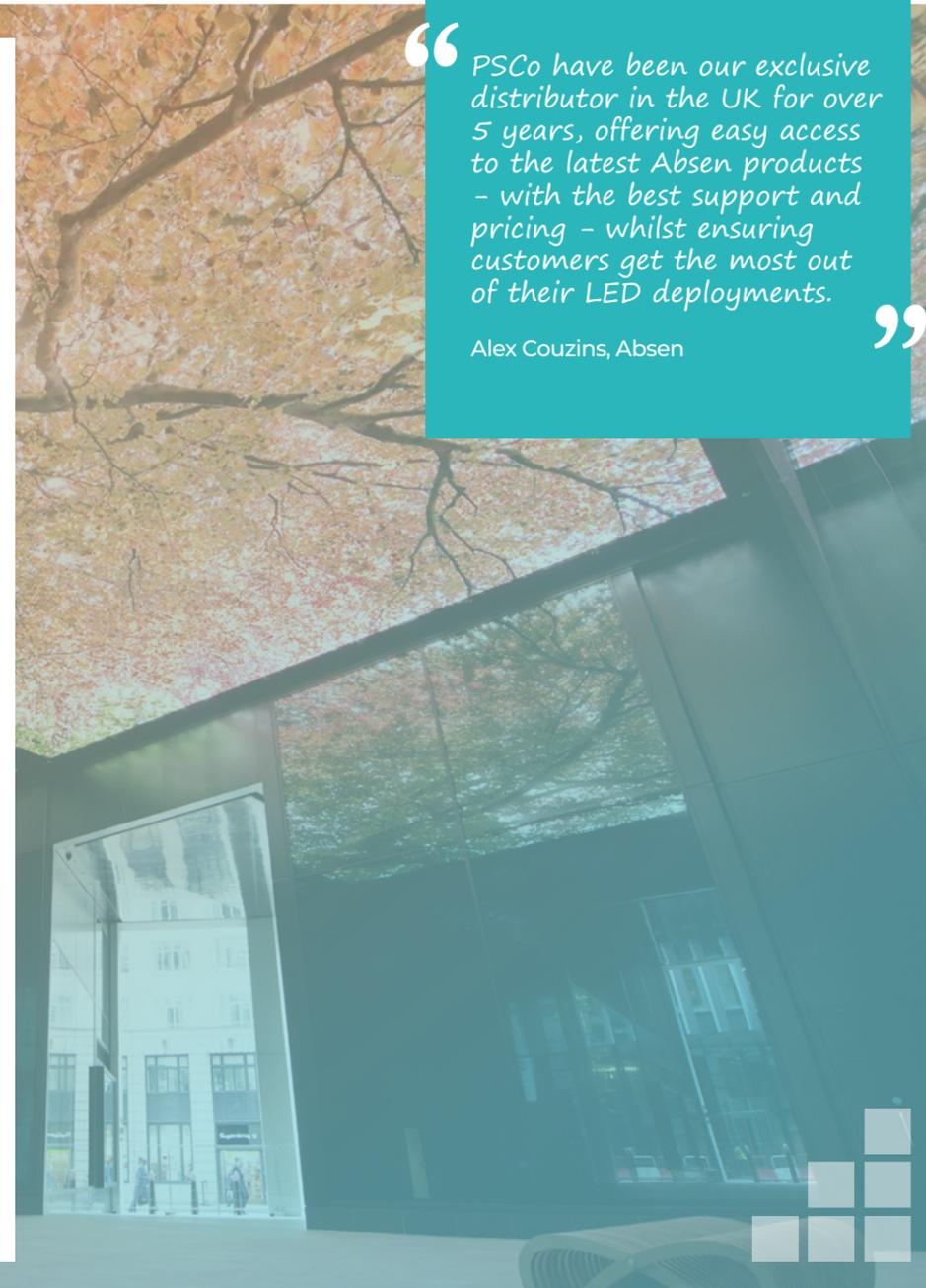
Absen has a state-of-the-art manufacturing facility with an annual production capacity of 300,000m².

By focusing on R&D and constantly investing in improving manufacturing capabilities and processes, Absen are committed to pushing the industry forward with the development of quality standards and innovations to meet the ever-changing demands of customers.

Local support has played a key role in Absen's success story, enabled by regional service centres and an extensive network of value-added distributors, allowing the company to stay close to its customers. In Europe, Absen was the first Chinese manufacturer to open a local subsidiary in 2013.

"PSCo have been our exclusive distributor in the UK for over 5 years, offering easy access to the latest Absen products - with the best support and pricing - whilst ensuring customers get the most out of their LED deployments."

Alex Couzins, Absen



Acclaim Plus / Pro

1.2mm* | 1.5mm* | 1.9mm | 2.5mm

Market-leading fixed installation display

Perfect for creating seamless videowalls of any size and shape

Ideal for corporate lobbies, retail spaces and car showrooms

CrystalView Technology for enhanced colour accuracy

* Latest MiniLED technology available (Acclaim Pro version)



N Plus

1.8mm | 2.4mm | 3.2mm* | 4mm* | 5.1mm*

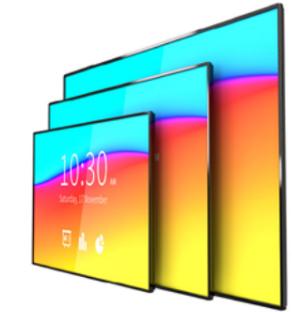
Cutting edge cabinet design for maximum creative flexibility

Slim and lightweight - easily adapt to size constraints

Perfect for retail environments

Smart monitoring with live performance and failure detection

* 2500nit ultra high brightness available (ND Plus version)



Absenicon

110" | 138" | 165" | 220"

Convenient all-in-one solution

Available in 4 standard sizes

Perfect for meeting rooms, event spaces and lecture theatres

Ideal projector and LCD replacement

Quick and easy installation

Affordable and low TCO

PSCO SERVICE & SUPPORT



Demonstration



Pre-Sales



Training Academy



Installation



Aftersales



SAMSUNG

Indoor LED signage has become an increasingly popular tool for businesses of all sizes to deliver crisp and compelling messages to customers.

Samsung combines best-in-class LED picture quality, flexible design options and efficient operation in any environment. Advanced picture refinement technology ensures every image provides an immersive viewing experience, with comprehensive calibration tools to ensure all LED displays maintain uniform picture quality. Brilliant, true-to-life image capabilities are supported by multiple installation options for hassle-free and innovative configurations, as well as efficient operation at all times.

In indoor spaces often flooded by natural sunlight, it is important to choose the right technology to engage potential customers. Due to their high-brightness, LED signage is ideally suited to these locations regardless of direct sunlight and glare.

LED signage is constantly evolving and well-suited to corporate lobbies, hospitality venues and busy transportation hubs such as airports and railways – providing eye-catching displays whether greeting customers at reception or providing critical information throughout their travels. Regardless of size, light or configuration, Samsung has an LED product that has the visual capability and flexibility to enhance any business environment.

Make sure you see The Wall at Innovation House. It's a next-generation display that not only provides one-of-a-kind visuals but is also optimised to deliver a luxury lifestyle experience. Powered by mini-LED it can deliver visuals, which are far superior to conventional LED signage or projectors.



IE015R

Cost-saving solution through easier installation and affordable price

Support for various installation scenarios through flexible design

LED HDR technology for clear, accurate picture presentation



130" All-in-One LED Display

130" HDR large screen display with no bezel

Slim, space-saving wall mounting system included

A complete site survey, delivery and installation service from our certified Samsung LED Specialists



The Wall

Delivers previously unattainable image presentation through MicroLED technology

Intuitive AI upscaling allows for a perfect view of reality in any size up to 8K

Book a demo to see this product at Innovation House

PSCO SERVICE & SUPPORT



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Training Academy



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Create an engaging interaction with your customers using LG's line of indoor DVLED displays.

LG now has a full line-up of DVLED displays, from indoor to outdoor! The extensive range means you can select the right pixel pitch and brightness for your customers, while the choice of SMB, MiniLED and MicroLED technology gives access to a wide range of price points.

There are three broad categories to consider:

All-in-One

Not only has this display been designed with easy installation in mind, but it has also been designed to easily integrate with other AV systems within your meeting room environments.

The screen has been certified Crestron Connected which helps achieve a higher level of compatibility with professional AV controls, often found in corporate settings. It also features automated

control, boosting business management efficiency.

Flexible LED Signage

LG's versatile LED signage ensures reliable operation, design flexibility and vibrant image quality for multiple indoor applications. The Versatile Series can be easily installed in various indoor venues as a rental solution. It facilitates simple maintenance by requiring no additional tools for replacing LED modules or power/data units. A 90° corner option is provided for seamless right-angled installation.

Transparent LED Film

High transparency*(73%) allows glass to remain visible even after attaching the film, with no adverse effects on the original design. When the LED is OFF, the film is unnoticeable, blending into the glass completely.



Premium Fine-Pitch

8 models available

Available in 0.9mm and 2.5mm pixel pitch

Powered by SMB, MiniLED and MicroLED technology to meet a wide range of price points



Flexible

Available in 1.5mm and 2.0mm pixel pitch

LAPE Series fine-pitch dvLED display with 1,000 nits brightness & curvature up to 1,000R



130" All-in-one LED Screen

Available in 1.5mm pixel pitch

Screen size: 130"

500 nits brightness

HDR10 Pro / Surface Sound

PSCO SERVICE & SUPPORT



Demonstration



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SHARP / NEC

NEC Quality, purpose-designed for the integrator and the user.

Fine pitch dvLED displays bring bezel-free viewing experiences to indoor environments; up close or distant, the audience is treated to astonishingly vivid colours and superb clarity for the greatest impact. For presentation or digital signage applications; either free standing, wall mounted or for seamless integration into interiors, the highly versatile slim profile is sleek and seamless as befits the latest innovation in content delivery.

High quality components

For high-quality large digital surfaces, only NEC delivers reliable, long-life LED walls backed by class-leading safety standards. Maintaining our much-valued reputation for superior quality products, NEC selects the highest quality industrial-grade components and adheres to manufacturing processes managed under stringent Japanese quality control.

Patented SMD Diodes

NEC's indoor LED solutions are engineered with innovative and

patented SMD Multi-Color LEDs, for excellent image quality at low cost. NEC selects only the best batch of Multi-Color diodes which offer two key benefits: wider viewing angles and humidity proof operation.

All-metal chassis

NEC utilises aluminium cabinets for its dvLED products where many other brands use plastic or polycarbonate. Precision machined aluminium is much more rigid and stable over time especially in changing heat environments ensuring perfect and consistent alignment between modules. Metal supports excellent heat dissipation, efficient against heat build-up for consistent temperature management, vital to extend the lifetime of the display. The metal cabinet means NEC achieves excellent results in fire safety and fire load testing, mandatory in public spaces.

Uncompromising NEC quality and reliability.

“ Unlike plastic, a metal chassis is vital for long-life sustainability and public safety. It's also the foundation for precision module alignment which is fundamental in creating a long-lasting homogenous digital canvas ”

Mark Taylor, Sharp/NEC



LED FE/FA Series

Pre-bundled LED wall solutions (Customisable solutions also available)

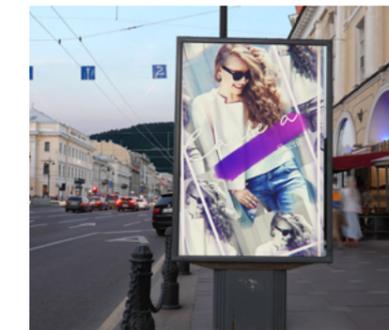
0.9MM | 1.2MM | 1.5MM | 1.9MM | 2.5MM

Modular 'off-the-shelf' LED solutions, choose your size and pixel pitch

For wall-mounted, free-standing or integrated installation

Front serviceable pixel cards for easy maintenance

Full fail-safe redundancy (FA Series)



LED Q Series

Customisable visual brilliance

2.8MM | 3.9MM

Exceptional visual brilliance for demanding applications in transportation, retail, entertainment and hospitality

Square 1:1 aspect ratio modules, versatile and scalable to fit the space available

Ultra-high contrast levels up to 7000:1 and brightness up to 1200cd/m²

Front and rear access for easy maintenance



LED A Series Poster

Indoor LED all-in-one mobile signage

1.5MM | 1.9MM

Mobile digital poster for POS and wayfinding

Instantly updatable with vivid dynamic content

Robust for use in public spaces, integrated or stand-alone

Ideal replacement for static roll-up banners

PSCO SERVICE & SUPPORT



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Barco's professional-grade, narrow-bezel or bezel-less LCD displays are the perfect solution for tiled videowall applications in control rooms, corporate lobbies and large meeting rooms.

Need a bezel-less videowall?

Unisee comes with NoGap technology. It makes the inter-tile gap barely noticeable, finally making it possible to spread content over multiple tiles without the interruption of a disturbing bezel. In order to guarantee the smallest possible gap without damaging the panels' edges, Barco has created the UniSee Mount.

Sense X – ensuring a balanced viewing experience at all times.

Using real-time sensors that continuously measure colour and brightness – Barco's Sense X automatic calibration system ensures that the entire wall displays a perfectly balanced image at every moment. It counters any shifts in brightness or colour that occur in videowalls over time, and that become far more noticeable as the bezel becomes thinner.

Redundant and remote power supplies.

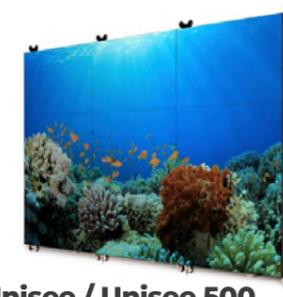
Because the power supply is one of the most critical components of an LCD video wall, Barco offers redundant and remote power supply options that automatically take over should the primary unit fail. The main advantage of the redundant and remote power supply is that a defective unit can be replaced without a second of downtime.

Ensured precise set-up and simple maintenance.

Barco videowalls are modular platforms that ensure a precise installation and greatly improve serviceability and expandability. As the input board and power supplies are located outside the LCD panel, they can be easily swapped. You no longer need to replace the complete display. Just change the impacted modules and your LCD video wall is good to go.



Best in Class



Unisee / Unisee 500

Available in two variants. One for high brightness applications and the second for applications with controlled ambient light (Unisee 500).

Bezel-less design with NoGap technology

Mounting structure with automatic alignment for ensured precision

Sense X automatic and continuous calibration

Modular, future-proof platform



Barco OverView Series

The KVD and LVD models meet the needs of mission critical applications where unexpected failures must be optimised and TCO controlled.

Suitable for 24/7 operations

Modular approach for easy servicing

User-friendly video-wall setup and control interface

Fan-less solution for noiseless performance



PDS-4K

Designed to meet today's requirements for a high-quality, easy-to-use and fast seamless switcher with more digital inputs at an affordable price.

Premium 4K visuals

Simple setup and easy to operate

Compatibility for smooth integration

PSCO SERVICE & SUPPORT



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Control your content better with Datapath

Video Wall Solutions

Datapath is a leader in video wall control technologies for a wide range of applications, including command and control walls of any scale, creative multi-display video walls, media walls, and small-to-medium-sized video walls for corporate meeting spaces.

Command and Control Room Solutions

Offering consistent reliability and high performance, Datapath's systems are utilised in many command and control applications, including security operations, traffic management, process control and utility operations. Their expertise at a system level, results in greater time performance, low latency, optimised thermal management, and a complete set of video solutions including analogue, digital, and compressed video streams.

Event and Retail

Advancements in digital signage requirements mean that customers demand greater freedom in creating and deploying small, medium, and large-scale signage projects to differentiate and enhance the guest experience in retail and events. Datapath's proven range of multi-display solutions display high quality content across multi-screen display walls, in any creative configuration imaginable.

Capture and Graphics Technology

Datapath continue to innovate in capture and graphics technology, offering a comprehensive range of capture cards to suit a variety of video modes and graphics cards for multi-screen solutions. These factors make Datapath a specialist in handling media from any source.

“Challenging environments demand greater control. Datapath's complete video wall control solutions manage control room and media wall applications at any size, whether monitoring traffic, process control, or security surveillance.

We're here to make life easier for system integrators whilst enabling control room operators to focus on their core objectives.

Adam Marsden, Datapath

COMMAND & CONTROL ROOMS



VSN Wall Controllers

Various models available to give maximum outputs of 48, 24 or 16

24/7 reliability with dual redundant power supply for critical control applications

Systems are available with either 240GB or 480GB SSD drives and up to 128GB of memory for faster processing

Datapath controllers can integrate any type of video and data sources, including video over IP, on any display configuration



WallControl 10 Software

Available on Datapath's VSN and iolite range of video wall controllers

WallControl 10 allows users to easily control output sources such as IP feeds, video captures and local applications

These sources can be controlled by WallControl 10 when the most elaborate and complex wall scenarios are required

RETAIL & EVENTS



Fx4-HDR

The Fx4-HDR is a flexible display controller with high dynamic range

It brings the superb HDR 10-bit colour clarity, 4K60 resolution as well as audio support into the mix

Fx4 HDR's advanced hardware processing enables complete flexibility for content mapping across multiple output canvases including LED

Join multiple devices to support larger display areas, whilst maintaining synchronisation across all outputs

PSCO SERVICE & SUPPORT



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Create the ultimate video experience with Videowall and multi-window processors from tvONE.

Experience unrivalled power with our CORIOmaster® family of modular chassis, allowing any signal in and any signal out, in glorious, eye-popping 4K quality. Mixed input resolutions, pixel-perfect window placement, source and screen orientations, bezel adjustment, edge-blending, and customisable output resolutions all contribute to CORIOmaster being the most flexible video processor available.

The CORIO product family hosts a series of unique display features, including 360° rotation, mix and match display types, create overlaps or edge blends, and automatically correct for display size and bezels.

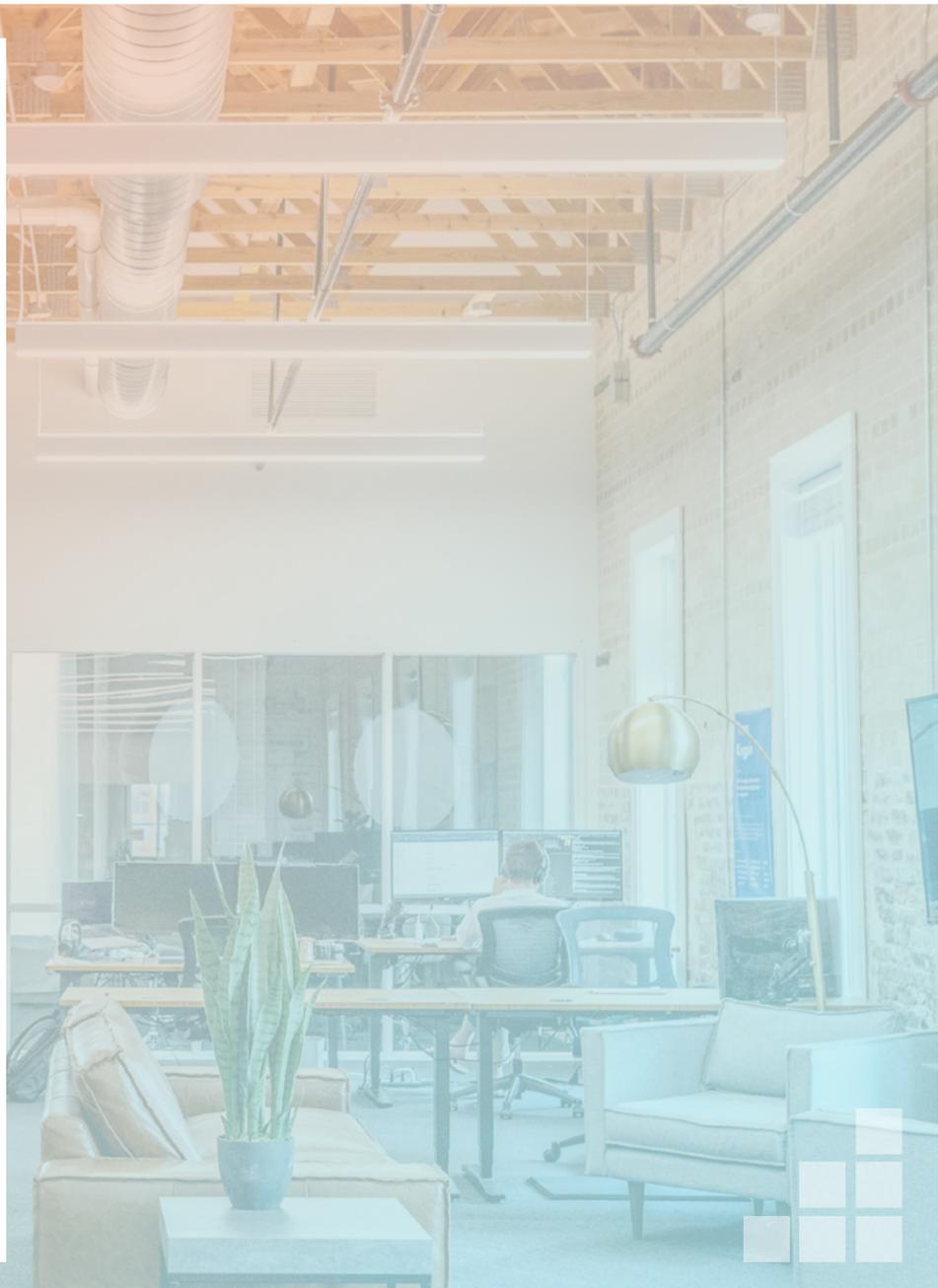
Enjoy advanced processing features including flexible, high-quality, low latency performance from pioneers and proven leaders in using FPGA technology as a high-performance scaling engine with 4:4:4, 10-bit processing.

Seamlessly convert between your various source and signal types including digital AV, legacy AV,

broadcast, IP feeds and multimedia. Switch sources without glitches and fade to black between sources even when they are of different formats, resolutions and frame rates. You can also lock your source and display aspect ratios to 16:9, 16:10 or 4:3 ratios, or create your own custom aspect ratio without limitations.

Make quick decisions and significantly increase your team's efficiency with a CORIOview, multi-window processor. Save money and space by using only one screen, with our simple to use, yet ultra-powerful, set and forget processors with solutions for digital AV, IP, broadcast and analogue AV.

Today's LED displays vary significantly in size, pixel count, pitch and resolution. Enjoy being able to mix and match different resolution displays. To compensate, simply set your output resolution – the processor will do the rest and finally be flexible with your third-party control using API or AMX & Crestron plug-ins.



CORIOmastermicro(C3-503)

Live dashboard to switch presets and window sources

Custom resolution editor with resolutions automatically detected on inputs & selectable on the outputs

Streaming media & 4K playback module



CORIOview

Advanced 4K processor with up to 8 sources

Custom resolution editor for LED walls

Available in MTO versions plus six (6) off-the-shelf variants



CORIOmaster2(CM2-547)

Optimised for 4K60 environments and is 8K ready

Display up to 40 4K video sources with no visible latency and up to 56 outputs in a 4RU

Multi-user control options: choose from software, app, 3rd party control or button panel

PSCO SERVICE & SUPPORT



Demonstration



Pre-Sales



Training Academy



Installation



Aftersales





With over 75 years of audio-visual experience, Peerless-AV are committed to creating cutting-edge and standard-setting solutions to support the latest technology.

Therefore, it is no surprise that our SEAMLESS LED programme sets the bar for high-quality design, combining modern aesthetics with ease of install. Our dynamic team of LED professionals include mechanical engineers, product managers, project managers and experienced installers, along with knowledgeable sales and technical personnel to ensure every customer receives SEAMLESS product support and service.

Take the uncertainty out of specifying the correct mounting solution with a range of dedicated products that are uniquely designed and manufactured to integrate perfectly with a specific tile type and model. Each offers a slim, space-saving and aesthetically appealing design in a variety of preconfigured formats to accommodate LED walls from Full HD to Ultra HD.

With integrated cable management for a professional finish, dedicated keyhole slot design and a lightweight aluminium frame, integrators can quickly and

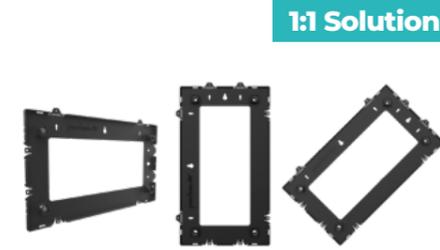
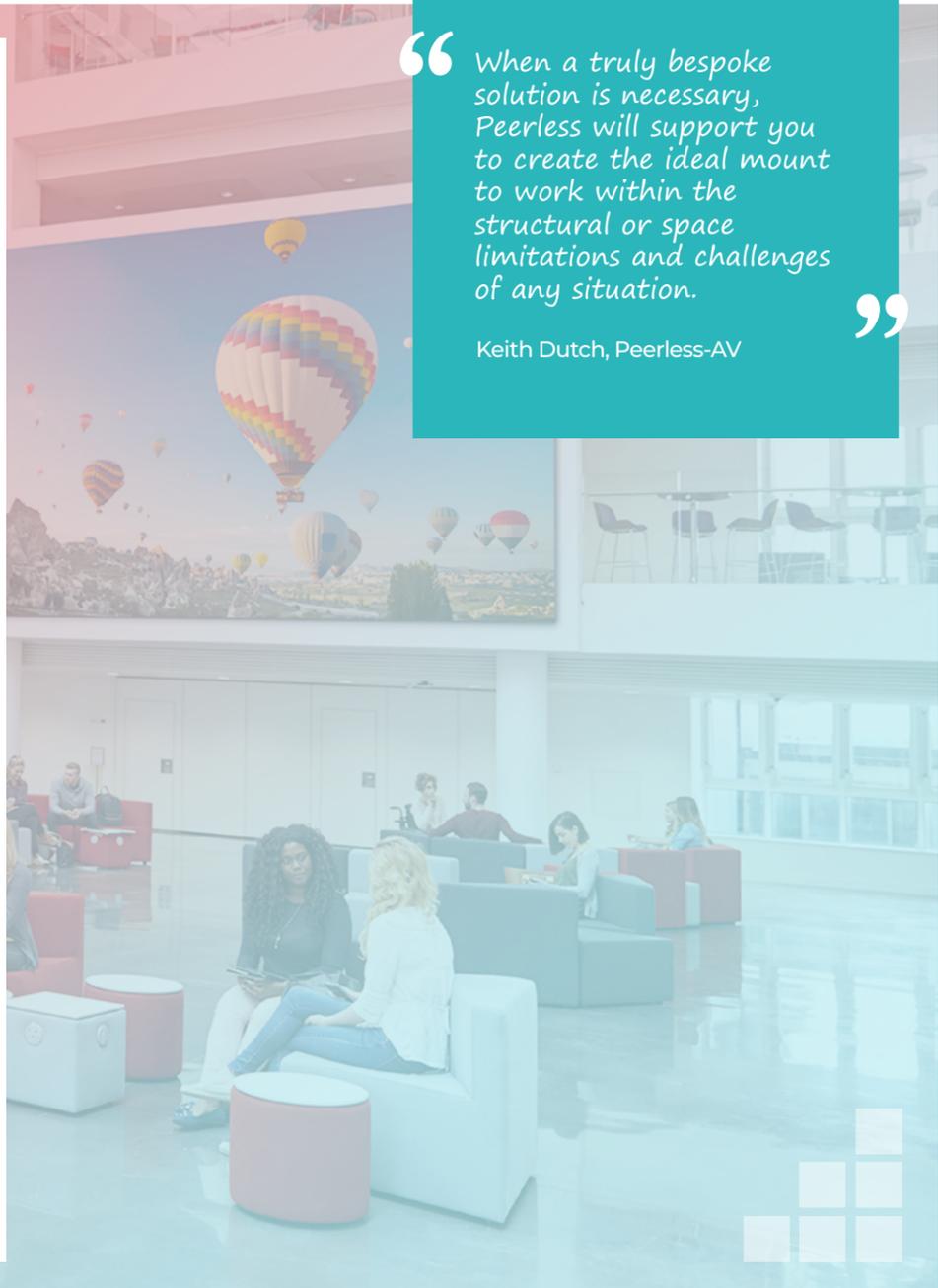
easily build the perfect video wall with minimal wall load. Dedicated adaptors are designed to effectively eliminate pixel damage during the installation of the LED tiles, whilst depth and height fine adjustment will ensure every finished display is perfectly aligned – even when the wall surface isn't perfectly level.

If your project calls for a non-standard display configuration then don't worry Peerless-AV have that covered too. All our LED mounts are modular in design so can be easily adapted to suit any requirement, whilst still retaining all the installer-friendly features.

We understand that safety and security are paramount in any installation and, as the only major mount manufacturer to have never had a recall, have been instrumental in creating and following exacting standards for all our solutions. Products are tested to UL2442 standards in our dedicated facility providing a trusted level of safety and peace of mind.

“When a truly bespoke solution is necessary, Peerless will support you to create the ideal mount to work within the structural or space limitations and challenges of any situation.”

Keith Dutch, Peerless-AV



1:1 Solution

Seamless Connect

One-to-one modular mounting for quick & simple project specification

Flexible design with micro depth adjustment for accurate alignment

Versatility to mount in landscape, portrait or at a 45° angle



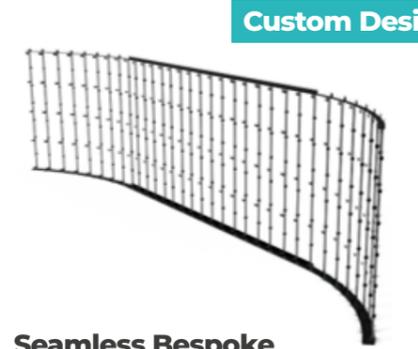
Dedicated FHD Kits

Seamless Kitted

Preconfigured adaptor rails for faster, installer friendly mounting

Full Tri-Axis adjustment create a flat mounting plane

Easy to install, lightweight aluminium frame minimises wall load



Custom Design

Seamless Bespoke

Support for larger and more complex installations

Accommodates mounting in curves, at angles and around corners

Delivering solutions with superior precision and to fine tolerances

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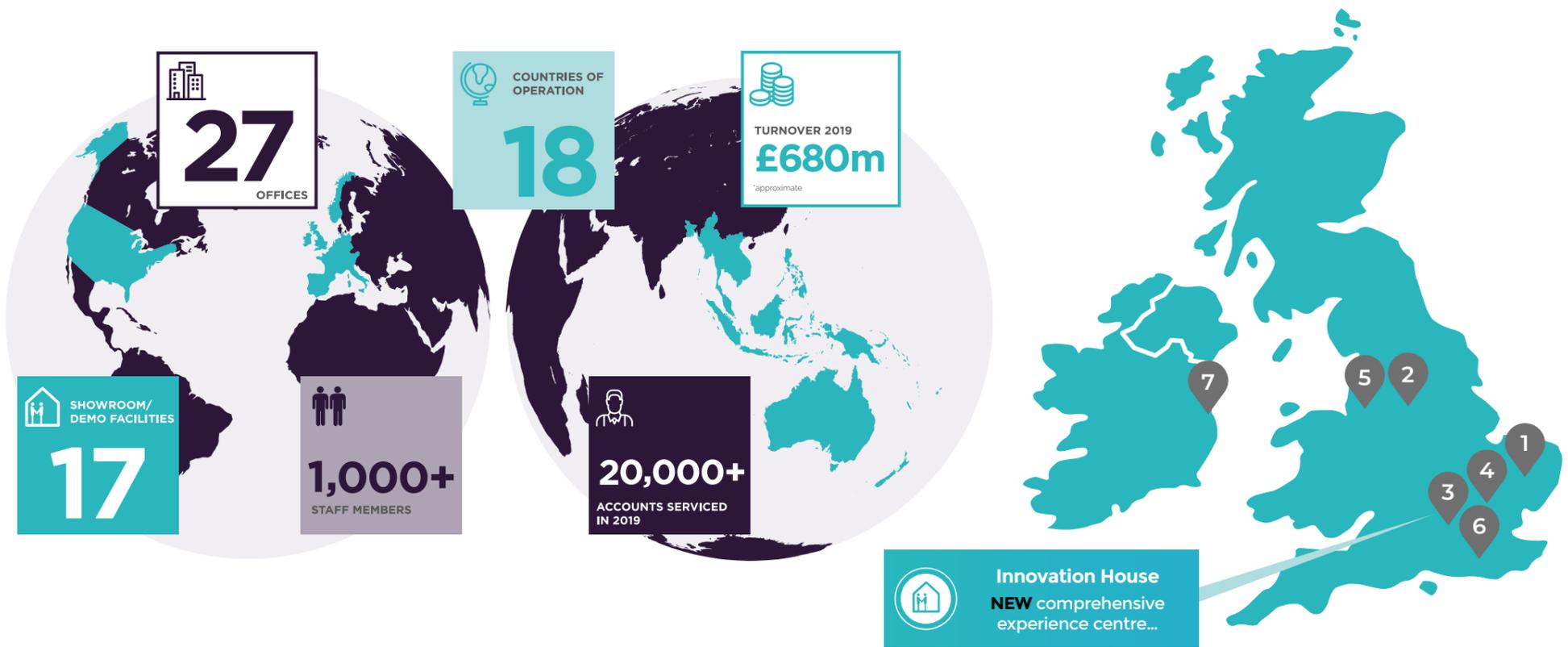


Installation



Aftersales





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For pricing or more information on any of the solutions featured, please contact your PSCo account manager or call

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