NEC Display Solutions

NEC

NEC Solutions Showcase 2016

\Orchestrating a brighter world

VCASE

WELCOME



A very warm welcome to our eighth NEC Solutions Showcase.

It's exciting to see the Showcase evolving to become part of the industry landscape, welcoming end users, channel partners and industry influencers, now beyond the traditional boundaries of AV. What has never changed in all this time though, is what is at the heart of the Showcase – Solutions. The continued success of the Showcase is thanks to the strength of

our partnerships, the perfect collaboration of expertise and innovation to present fully integrated, readily-deployable solutions. Over thirty of our most valued partners are represented here today.

Another Showcase success factor is the venue – this year, 29 fleors up in Westminster's tallest building. The stunning cityscape can be seen reflected throughout Showcase as we present an unforgettable visual experience.

> Neil Hartigan, General Manager UK and Ireland NEC Display Solutions

SUPPORT SENSE AND WIN EURO 2016 TICKETS!



Peerless AV has kindly donated two tickets to the Euro 2016 Final in France. This fantastic prize could be yours for just £10 per entry into the raffle draw, the more times you enter, the more chances you have to win!

peerless-AV

Second prize is a four-ball at the forthcoming NEC/Sense charity golf day taking place on 13th July, courtesy of NEC. Winners will be announced on Thursday 19th May. Visit the Sense stand located on the 29th floor for your chance to win.

NEC

Find out more

Sense is a national charity that supports and campaigns for children and adults who are deafblind or have complex needs. For over 60 years, Sense has provided specialist information, advice and services to individuals, their families, carers and the professionals who work with them, enabling people who are deafblind to enjoy more full and independent lives.

NEC Display Solutions is committed to supporting Sense and has already raised vital funds to improve the lives of people who are unable to experience the same Audio Visual communication we enjoy every day.

Keen to take on a fundraising challenge? Fancy volunteering on a Sense holiday? Or just want more information? Everything you need, including other ways you can support Sense, can be found on the charity's website: www.sense.org.uk

Orchestrating a brighter world





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28th Floor





A broad offering of indoor and outdoor solutions in a range of pixel sizes has opened a breadth of applications now achievable using LED technology. Experience the evolution of fine pitch LED in the Corporate and Transport zones with new high resolutions making it a credible solution for prestigious indoor installations.

LED GALLERY | Cabletime

LED1 3.8mm Indoor SQUADRAT - 1500 cd/m²

This 3.8mm premium black faced Squadrat LED module is ideal for luxury brands advertising.

- NEC LED LiFT-L038Si 608mm x 1368mm
- Cabletime MediaStar IPTV, streaming and signage system

LED2 6mm Indoor NICHIA - 2000 c/m²

With premium black faced SMD technology, the 6mm module is ideal for indoor applications especially retail and corporate reception areas delivering life-like colour and deep contrasting images.

- NEC 6AF1 3m wide by 1.5m high (480 x 240 pixels)
- Cabletime MediaStar IPTV, streaming and signage system

Entrance HIGH BRIGHT OUTDOOR TOTEM | SMS

Readable in even the brightest direct sunlight, new NEC High Bright displays deliver a brightness level of 2,500 cd/m² to ensure your advertising campaign is visible to your audience in any lighting condition, even when wearing sunglasses. The IP56 rated housing protects the displays for outdoor use.

- NEC 47" X474HB High Bright display
- NEC 55" X554HB High Bright display
- SMS IP56 Casing Outdoor

Walkway SYNCED DIGITAL SIGNAGE | Peerless, Datapath

Enjoy Showcase branded signage to entice you along the walkway.

- 6 x NEC 80" P801 displays
- Peerless SP660P wall mounts

NEC Experience



'The NEC Experience' welcomes visitors to the event, setting the scene on NEC's unique market leading position, showcasing NEC's extensive technology in one unforgettable visual experience. Laser Projection, Video Wall modules, High Bright and Ultra High Definition Large Format Displays all combine to deliver 'The NEC Experience' in a demonstration of edge blending, warping and 3D mapping techniques.

NEC1 THE NEC EXPERIENCE | Green Hippo, Made Up, Harman, Peerless , Atlona

- 2 x NEC PH1202HL projectors
- 3 x NEC PX602UL laser projectors with NP-35ZL lens
- 3 x NEC 55" X554UNS video wall modules
- NEC 98" X981UHD 4K UHD display
- NEC 84" X841UHD 4K UHD display
- NEC 75" X754HB High Bright display
- Made Up provides the 4.5m 3D set and content
- Green Hippo Hippotizer video processing
- Harman 5.1 surround sound system
- Peerless SR598 wall mounts
- Atlona switching and distribution system

29тн Floor Display SHOWCASE DIGITAL SIGNAGE | Cabletime, Peerless

Experience compelling Showcase signage as you walk through the show.

- 5 x NEC 46" P463 displays
- 5 x NEC 46" X462S displays
- Cabletime MediaStar IPTV, streaming and signage system
- Peerless SR560M wall mounts

28TH Floor Display SHOWCASE DIGITAL SIGNAGE | Peerless

Experience compelling Showcase signage as you walk through the show.

- 6 x NEC 40" P403 displays integrated with Core i5 slot-in PCs
- NEC 40" X401S display integrated with Core i5 slot-in PC
- Peerless SR560M wall mounts

Corporate



New remote conferencing, collaboration and room management tools help to maximise meeting room spaces, increasing productivity to assist corporations in maintaining a competitive edge in today's marketplace. Welcoming reception signage presents your company's image to instil a perception which reflects your ethos and ambition.

C1 RECEPTION SIGNAGE | TriplePlay, Peerless

Presenting corporate branding messages, the welcoming reception signage enables a variety of media to be displayed on screen including live feeds such as TV and video on demand. Content can be scheduled and tailored according to the audience to facilitate internal or external communications.

- 4 x NEC 46" X464UNV video wall modules in landscape orientation with integrated Skylake OPS modules
- TriplePlay modular head end server
- Peerless DS-VW765-LAN video wall mounts

C2 RECEPTION WAITING AREA SIGNAGE

NEC's modular interactive video wall solution invites multiple users to engage, share and have fun with the content. Using patented ShadowSense technology, providing high performance multi-touch capabilities with integrated protective glass, the revolutionary Modular Touch System can be configured to virtually any size.

• 6 x NEC 55" X555UNS-PG displays with interactive ShadowSense touch overlay frame

C3 TRADE DESK & BACK OFFICE | DAS, Wey Technology, Peerless

Designed to keep employees informed, motivated and focused, the multi-screen desking configuration provides the ideal ergonomic environment in which to operate with efficiency and productivity. The IP based switching platform enables individual or shared access to all data sources from all desks thus linking local and remote users. NEC's new 24" bezeless displays deliver an uninterrupted multi-screen estate.

- NEC 80" V801 display
- 3 x NEC 24" X241UN bezeless desktop displays
- 3 x NEC 24" E243WMi desktop displays
- 2 x NEC 30" EA304WMi desktop displays
- DAS Optima back to back trade desk
- Wey Technology distribution platform, multi-functional keyboards and KVM transmission
- Peerless SF660P wall mount

C4 HUDDLE SPACE | Dalen, SMS, Sennheiser

Delivering an effortless and natural user experience the touch table has true multi-touch performance allowing multiple users to engage and share simultaneously. Using NEC's new Reactive STAGE interactive software, the huddle space transforms how teams work together to manage, edit and share documents in a secure collaborative working environment.

- NEC 65" X651UHD 4K UHD Corporate Whiteboard display with SMS Stand
- NEC 65" X651UHD-2 IGT 4K UHD InGlass Touch Table
- NEC Reactive STAGE Interactive presentation software
- Dalen soft furnishing
- Sennheiser TeamConnect wireless audio conference solution

C5 COLLABORATION WORKSPACE | Oblong, Sennheiser, Peerless

The visual collaboration solution integrates video conferencing with screen sharing from multiple devices and locations simultaneously. By uniting teams, data and content in a shared visual workspace, this solution transforms meeting rooms into immersive and engaging digital workplaces.

- 3 x NEC 55" X554UNS displays in landscape orientation
- 3 x NEC 55" X554UNS displays in portrait orientation
- NEC 55" X552S display
- Oblong Mezzanine visual collaboration solution
- Sennheiser TeamConnect wireless audio conference solution
- Peerless SF640P wall mount
- Peerless DS-VW765-LAN video wall mounts

C6 SKYPE FOR BUSINESS MEETING ROOM | Sennheiser, Peerless, StarLeaf

The cloud based dual screen video conferencing room features the Skype for Business unified communications platform. This meeting room solution delivers a seamless secure video conferencing and calling experience that delivers simple to operate connectivity from any video system to any other video system.

- 2 x NEC 46" V463 displays
- 2 x NEC 46" P463 displays
- StarLeaf GTm5220 meeting room system enabling Skype for Business
- Sennheiser TeamConnect wireless audio conference solution
- Peerless SF640P mounts

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C7 BOARD ROOM 1, VIDEO WALL | Harman, Peerless

In this board room scenario the four screen video wall is linked to a 4K IP based distribution system. The centralised networked AV solution allows communications to be shared between multiple rooms without the inconvenience of bespoke cabling. The ultra slim, 1.8mm narrow bezel video wall creates a stunning UHD digital presentation space.

- 4 x NEC 55" UN551S video wall modules in a 2x2 landscape configuration
- NEC 46" P463SST ShadowSense touch display
- Harman SVSI networked AV technology
- Peerless DS-VW765-LAN video wall mounts

C8 BOARD ROOM 2, 4K UHD LARGE FORMAT DISPLAY | Extron, Peerless

With vector scaled 4K output to the 98" UHD NEC display with windowing and control capabilities, this solution demonstrates a command and control style 4K video wall layout. Operator ease of use is a high priority with a simple button press to select the active presenter. The ability to choose single or multiscreen layouts for collaborative presentation and discussion makes this solution extremely flexible.

- NEC 98" X981UHD 4K UHD display
- Extron Global Configurator Pro Control solution
- Peerless DS-VW795-QR mount

C9 BOARD ROOM 3, LASER PROJECTION | Atlona

Innovation in Solid State Light Sources brings compelling new benefits to projection technology requiring virtually zero maintenance throughout its impressively long life. This board room scenario uses a 4K control and distribution system with HDBaseT for long distance signal transmission to project ultra-high resolution content via the NEC laser projector.

- NEC PX803UL laser projector with NP18ZL lens
- Atlona matrix switching solution with HDBaseT transmission

C10 BOARD ROOM 4, FINE PITCH LED

New fine pitch LED modules provide bright, crystal clear, extra sharp image quality for the most prestigious indoor signage installations. Easy to install and maintain, the modular system is extremely adaptable allowing the digital wall to fit the space available.

• NEC LiFT L015Si 1.5mm Fine Pitch LED modules create a 3 x 2m digital surface

BK1 VIDEO WALL | Matrox, Peerless

The impressive 4 x 3 video wall displays inspirational cityscape content and receives a signal feed from the green screen experience in the Media and Broadcast Zone.

- 12 x NEC 46" X464UNS video wall modules
- Matrox Mura IPX Series 4K capture and IP encoder & decoder cards
- Peerless DS-VW765-LAN video wall mounts

BK2 VIDEO WALL | Matrox, Peerless

The impressive 4 x 3 video wall displays inspirational cityscape content and receives a signal feed from the green screen experience in the Media and Broadcast Zone.

- 12 x NEC 46" X464UNS video wall modules
- Matrox Mura IPX Series 4K capture and IP encoder & decoder cards
- Peerless DS-VW765-LAN video wall mounts

BK3 SOCIAL MEDIA INTERACTION | Pixel Inspiration, Peerless

The NEC 90" screen is the Showcase social media interface receiving the Showcase twitter feed. Use #NECShowcase and get involved in the conversation!

- NEC 90" E905 display
- Pixel Inspiration retail digital signage solution
- Peerless SR598 mount

Transport



With ever increasing national and international travel, operators are investing in new technology to achieve the level of customer service needed to remain competitive. Innovative display solutions transform the passenger experience, making it a smooth and intuitive visual journey, helping to reduce passenger anxiety with quick access to information, way-finding and entertaining retail signage.

T1 FIDS INFORMATION | Emerson, Peerless, U-Touch

Replicating a small airport installation, the control room operator controls multiple management systems across multiple screens, enabling him to interact and switch content between them. Passenger anxiety is reduced with clear visual access to the latest flight information and messaging. New 1.9mm fine pitch LED modules create impressive high bright, high resolution signage to deliver readable messaging even in light flooded terminal buildings.

- 2 x NEC 55" P553 displays
- NEC 55" X552S with U-Touch PCAP touch overlay
- 2 x NEC 22" EA224WMi desktop displays
- NEC LiFT L019Si 1.9mm fine pitch LED wall
- Emerson Network Power Avocent® High Performance KVM Control Room solution
- Peerless SF630P wall mounts

T2 ADVERTISING TOTEM | SmartSign, Peerless

NEC displays housed within the totem enable strategically located advertising media to attract, entertain and influence passengers whilst in the retail areas of the terminal building helping airport operators to gain from additional revenue sources.

- 2 x NEC 46" P463 display integrated with Core i7 slot-in PCs
- NEC 55" P553SST ShadowSense touch display in portrait orientation integrated with Android Player
- SmartSign Display Manager digital signage solution
- NEC Leafengine integration
- Peerless KIP555 totem
- Peerless KIPC546 totems



T3 AOCC (AIRPORT OPERATIONAL CONTROL CENTRE) | Datapath, SITA, DAS, Peerless

Immediate real-time access to critical information enables efficient handling of incidents; the multiple displays in the AOCC facilitate the visualisation of Big Data with instant access to data feeds. The integration of all airport operational processes improves airline performance, reduces costs and delays and improves the passenger experience.

- 8 x NEC 55" UN5551S video wall modules with media player
- 2 x NEC 22" EA224WMi desktop displays
- 2 x NEC 27" EA275WMi desktop displays
- Datapath video wall controller system
- SITA airport content
- DAS Aptiom desking consoles
- Peerless DS-VW765-LAN video wall mounts

T4 MOBILE INTERACTIVE ADVERTISING WITH BEACON TECHNOLOGY | Dot Origin, Peerless

For a powerful new mobile experience delivering a two-way channel for direct local communication, use your mobile phone to interact with the advertising content. NEC large format displays deliver impactful life-sized signage.

- NEC 80" P801 display integrated with Core i5 slot-in PC
- NEC 80" V801 display integrated with Core i5 slot-in PC
- NEC 55" X552S display integrated with Core i5 slot-in PC
- Dot Origin DTAG100-PRO Bluetooth beacon technology
- Peerless SF660P wall mounts
- Peerless SF640P wall mount

T5 WAYFINDING SOLUTION | Inurface Media

Easy access to information is an important factor in reducing passenger anxiety. Two back to back NEC ShadowSense touch displays allow passengers quick access to wayfinding information using intuitive finger swiping.

- 2 x NEC 46" P463SST ShadowSense touch displays
- Inurface Media double sided touch totem

T6 EXECUTIVE LOUNGE | Green Hippo, Sennheiser

Relax in the executive lounge as you await your flight. The creative video wall installation offers the passenger an agreeable visual experience helping to create a soothing atmosphere and reduce passenger anxiety.

- 7 x NEC 46" X464UN-2 video wall modules
- Green Hippo Hippotizer AViary content distribution solution
- Sennheiser TeamConnect wireless audio conference solution

Broadcast and Media



Authentic colour reproduction and image sharpness is vital in the Broadcast and Media sector where accurate soft proofing techniques help to reduce costs and increase efficiencies. Ultra-high definition displays achieve impressive detail, sharpness and intense colour accuracy in a sector where creating a visual experience is business critical.

MB1 4K GREEN SCREEN WORKFLOW | Jaegerfilm, Atlona

Experience a live 4K Green Screen Workflow and editing of ultra slow motion Phantom Flex footage using NEC colour accurate displays demonstrating the real benefit of an ultra-high resolution closed loop workflow. Content is distributed via HDBaseT to video wall displays in the Showcase Break Out areas.

Get involved in the green screen experience - could you be the star of the show?!

- NEC 84" X841UHD 4K UHD display
- 2 x NEC 32" SVRef322UHD 4K UHD SpectraView Reference colour desktop displays
- NEC 30" SVRef302 SpectraView Reference colour desktop display
- NEC 32" PA322UHD 4K UHD desktop display
- Atlona HDBaseT distribution System
- Jaegerfilm studio equipment



Retail



Delivering an exciting retail experience using visual stimulation helps to attract, direct and focus the revenue-generating potential of consumers. An effective in-store digital signage campaign will support cross-channel communications delivering inspirational content to enhance the customer journey and promote brand loyalty.

R1 CAR RETAIL SHOWROOM | Displaylite, Peerless

By utilising a combination of innovative interactive hardware with advanced multi-touch software, customers respond to an easier, more intuitive way of browsing and shopping with instant digital access to the full product range. The benefits of eCommerce together with the in-store shopping experience will engage your customers, create more opportunities and increase revenue.

- 4 x NEC 55" X555UNS video wall modules
- NEC 46" P463 display
- Displaylite zero bezel 4K touch table integrated with NEC 55" X551UHD display, Core i7 OPS slot-in PC and featuring Touchtech Lima software
- Displaylite wall mounted interactive touch screen integrated with NEC 42" V423 display, Core i7 OPS slot-in PC and featuring Touchtech Vendo software
- Displaylite interactive mirror combined with NEC 32" V323 display and featuring Touchtech Vendo software
- Peerless DS-VW765-LAN video wall mounts
- Peerless SF640P wall mounts

R2 DEPARTMENT STORE CONCESSION | Inurface Media, Peerless

Showcasing an array of immersive digital signage solutions, this retail concession scenario includes a lift and learn solution using Adidas products, interactive touch screen applications, an educational shopping experience integrated with RFID plus a mobile information solution using ibeacon technology. The range of in-store digital signage solutions enhances the customer journey and supports the retailers' ambition to achieve a cohesive omni-channel strategy.

- 4 x NEC 46" X464UNV video wall modules
- NEC 46" V463 display
- NEC 47" X474HB High Bright display
- NEC 40" P401SST ShadowSense touch display
- Inurface Media retail digital signage solutions
- Peerless DS-VW765-LAN video wall mount
- Peerless SF650P mount

R3 LIFT AND LEARN | Instoremedia, Sennheiser, Peerless

The lift and learn solution engages customers by linking physical display items to content displayed on the corresponding screens for a highly targeted and measurable retail solution. Staff or customers can use a smartphone or tablet remote control interface to change the content. Ultra-high definition and High Bright displays captivate the audience presenting products with superb detail and brand accurate colours readable in even the brightest retail environments.

- 4 x NEC 46" X464UN-2 video wall modules
- NEC 65" X651UHD 4K UHD display
- NEC 55" X552S display
- 2 x NEC 29" EA294WMi desktop displays
- NEC 55" X554HB High Bright display
- Instoremedia lift & learn solution
- Sennheiser branded products
- Peerless DS-VW765-LAN video wall mount

R4 SCALA SOLUTION | Scala, Peerless

By automatically optimising messaging and content centred on fact-based consumer insights, using beacon technology retailers can now further improve their sales and revenue goals. When a customer enters the fitting room, RFID tags detect product details to display compelling images and suggest matching items to boost sales.

- 4 x NEC 55" X555UNS video wall modules
- NEC 75" X754HB High Bright display
- NEC 80" V801 display
- Scala fitting room and lift & learn solutions
- Peerless DS-VW765-LAN video wall mount
- Peerless SF660P mount
- Peerless SP650P mount

R5 TRAVEL STORE | Pixel Inspiration, Peerless

In the travel store you can book an appointment, choose your destination then head to the cocktail bar to really feel the holiday experience! With an NFC based customer identification process and fun digital photo booth you can enjoy a personalised experience demonstrating how in-store digital media can be linked to online channels to create an engaging customer journey.

- NEC 47" X474HB High Bright display
- 4 x NEC 40" P403SST ShadowSense interactive touch display in portrait orientation
- NEC 70" P703 display
- NEC 80" E805 display
- NEC 42" V423 display
- Pixel Inspiration retail digital signage solution
- Peerless SF640P mounts
- Peerless SF660P mount
- Peerless SP650P mount

R6 DIGITAL MENU BOARDS | Pixel Inspiration

Efficient customer through-put is essential in the QSR sector where superb customer service is vital to retain customer loyalty. The digital menu boards are updated with the latest information using time based scheduling allowing customers to clearly see what's available and make their choice quickly.

- 2 x NEC 40" P403SST ShawdowSense touch displays
- Pixel Inspiration digital signage solution

Education



From Primary to Higher Education, students respond to the technology they have access to on a daily basis, so educational establishments are embracing intuitive touch technology in the classroom as a proven aid towards a positive learning experience. Collaborative techniques help to improve teacher / pupil engagement and empower students to actively participate in class and in small group learning.

E1 PRIMARY SCHOOL INTERACTIVE CLASSROOM | Atlona, Peerless

Creating a fun, inclusive learning environment, younger pupils intuitively engage with the interactive technology where ultra-short throw projection maximises the teaching space and new NEC E series displays offer an entry-level touch experience helping to make IT budgets stretch further.

- NEC UM352Wi ultra-short throw wall mounted projector
- NEC 65" E651-T interactive touch display
- Atlona switching and distribution system
- Peerless SF650P mount

E2 SECONDARY SCHOOL CLASSROOM INTERACTIVE LEARNING WALL | DisplayNote, Dalen

Creating an expansive interactive teaching space, the dual edge blended projection solution enables unlimited finger and pen touch response for multi-user collaboration ensuring a positive learning experience.

- 2 x NEC UM351Wi ultra-short throw projectors
- DisplayNote NEC Edition collaborative software
- Dalen multi-use versatile classroom desks with flip-tops

E3 UNIVERSITY TEACHING SPACE | Harman, Dalen

Universities favour a more student centred approach with informal, adaptable, interactive learning spaces which stimulate, create communities and embrace inclusivity. Students can share content from their own devices to the large screens to promote collaboration within small group learning spaces.

- NEC 46" P463 display
- NEC 46" V463 display
- Harman Enova DVX All-In-One Presentation Switchers and Enova DGX Digital Media Switchers
- Dalen Collaboration Video Conferencing Stand

E4 UNIVERSITY LECTURE THEATRE | Extron, Peerless

The lecture theatre scenario demonstrates a streaming and lecture capture solution. Live annotations over any content type can be made by the teacher via a simple touchscreen to enhance the lecture both locally and remotely. The lecture can be recorded on a USB stick or at a network location giving students access to teaching materials whenever it is convenient. The new NEC laser projector can be discreetly placed to maximise teaching space yet create an expansive image area.

- NEC PX803UL laser projector with UM-39ML lens
- NEC 23" E232WMT touch desktop display
- NEC 70" E705SST ShadowSense interactive touch display with Reactive STAGE software
- NEC 40" X401S display
- Extron DTP Crosspoint 108 4K all in one 10x8 seamless 4K Scaling Presentation Matrix Switcher with Annotator 300 and SMP 351 streaming and recording processor
- Peerless SP650P mount
- Peerless SP640P mount

Command and Control



There is no compromise for reliability and performance in the command and control sector. Ultra-high definition images present data with vivid clarity for detailed scrutiny of data fed from multiple sources. Intuitive software-based control enables precise manipulation of the video wall whilst touch enabled displays and visual collaboration allow interactivity with remote teams for immediate response to incidents.

CC1 CONTROL CENTRE | Hiperwall

Representing a complex command and control room scenario, powerful Hiperwall ultra-high resolution video wall software manipulates data displayed via the 18 screen video wall installation. Each of the three 2 x 3 banks demonstrate different processing speeds achieved using a selection of integrated PCs. The control room operator manages visualisation of data sources from the control room desk using Hiperwall to resize and relocate multiple simultaneous content objects and manage advanced capabilities like zoom, rotation, shading, transparency and scheduling.

- 18 x 46" NEC X464UN-2 video wall modules integrated with OPS PCs demonstrating different processing speeds
- NEC 30" EA304WMi desktop displays
- 2 x NEC 27" EA275WMi desktop displays
- 2 x NEC 27" EA275UHD 4K UHD desktop displays
- NEC 23" E232WMT touch desktop display
- Hiperwall video wall processor software

CC2 CONTROL ROOM | U-Touch, Hiperwall

The interactive ultra-high definition touch table is linked by Hiperwall to the Command and Control centre to facilitate a breakout room for crisis management.

- NEC 84" X841UHD display with touch overlay from U-Touch
- Hiperwall video wall processor software

PARTNER LIST

	SOLUTION
Atlona	NEC1, C9, MB1, E1
CableTime	LED1, LED2, 29TH Floor
Dalen	C4, E2, E3
DAS	C3, T3
DataPath	Walkway ,T3
Displaylite	R1
DisplayNote	E2
Dot Origin	T4
Emerson	T1
Extron	C8, E4
Green Hippo	NEC1, T6
Harman	NEC1, C7, E3
Hiperwall	CC1, CC2
Instoremedia	R3
Inurface Media	T5, R2
Jaegerfilm	MB1
Made Up	NEC1
Matrox	BK1, BK2
Oblong	C5
Peerless	Walkway, NEC1, 29TH Floor, 28TH Floor, C1, C3, C5, C6, C7, C8, BK1, BK2, BK3, T1, T2, T3, T4, R1, R2, R3, R4, R5, E1, E4
Pixel Inspiration	BK3, R5, R6
Scala	R4
Sennheiser	C4, C5, C6, T6, R3
SITA	ТЗ
Smartsign	T2
SMS	Entrance, C4
StarLeaf	C6
Triple Play	C1
U-Touch	T1, CC2
Wey Technology	C3

ATLONA

CABLETIME





Since 2003, Atlona has been an industry leader and expert in distributing and managing virtually every AV signal type. The result: smarter solutions partners can depend on from every connection point. With Atlona solutions, you are assured that content will be transported over a system you can trust without sacrificing signal integrity. Atlona's solutions have been the cornerstone of business operations for over a decade. Serving classrooms, large corporations and small businesses, hospitality venues and residences, our experience in AV distribution has earned us a reputation for the highest quality solutions, supported by the industry's best customer support and system desian. An Atlona system is a smarter system. Smarter because we have a robust solution portfolio and smarter control options as we seamlessly integrate with virtually every control system in the marketplace today. Atlona's commitment to providing the industry's best customer support is unparalleled. Our global team of A/V system designers, engineers and technicians are available to you, at any time, to answer questions, help with system design or troubleshoot a field issue. Atlona's team of industry experts simplify A/V system design. Atlona's 10 Year Limited Warranty demonstrates our complete commitment to industry demand for long-term product reliability and performance in residential and commercial systems. Our partners can specify, purchase, and install with confidence, knowing they have the industry's best protection.



Cabletime is the leading manufacturer in IPTV, streaming and digital signage by designing products that provide innovative media distribution systems for organisations of every kind, across the world. Every single project is different, which is why we take the time to listen to, and understand the needs of all our clients. With over 30 years' experience in the IPTV revolution, we have the technical expertise and quality of service to meet those requirements every time. MediaStar installations are at the heart of over 3,000 organisations across the world. With purpose built products and powerful management software, the MediaStar range has a solution to fit every requirement and every budget.

MediaStar is an integrated suite of software and hardware products that create a comprehensive and fully managed IPTV, streaming and signage system. Utilizing an installed TCP-IP infrastructure it allows for the delivery of almost unlimited channels of video media and information to an unlimited number of displays, TVs, tablets and phones within network reach. With comprehensive management and administration software, the scheduling, content acquisition and storage of media are made easy with assured, repeatable and accurate delivery across any organisation. This makes it ideal for use in corporate offices, financial institutions, stadia, education and retail use.

We deliver solutions that can use existing infrastructure and maximise ROI. By using MediaStar, end users are able to distribute the right content to the right audience, at the right time.

DALEN



DAS supply trading desks to 15 of the Top 25 Global Banks (Forbes List 2015). In addition to these major banks, DAS also supply control consoles and office furniture to a large number of other leading companies and organisations on a global basis in over 50 countries around the world. DAS's success and reputation comes as no accident. For over 30 years DAS has been a market-leading designer and supplier of high quality furniture, focusing specifically on hightechnology environments. As a consequence, DAS offers its clients an unparalleled wealth of knowledge and expertise, supported by a proven track record of success.

DAS have continually been at the forefront of product design and innovation. DAS was the first trading desk company to manufacture full sit-stand trading desks using gas or electrically operated mechanisms. DAS was the first UK company to incorporate integrated water/ air-cooling in a desk to manage heat output associated with high volume technology. The Wishbone monitor arm for flat screens, the first of its' kind from which all subsequent designs have derived, was designed specifically for DAS and is still the market leading product of choice of its kind.

Our wealth of experience in interpreting and meeting customer requirements provides DAS with the unparalleled knowledge necessary to exceed customer expectations, with a specific focus on 4 areas of expertise: Multi-screen Environments; Cable Management; Heat Management; Human Factors & Ergonomics



Dalen Limited provide specialist furniture that exploits Audio Visual technologies. We design, manufacture and install discrete products to suit client needs. Our solutions are based on considerable experience in universities and corporate clients where collaborative meeting spaces and effective work places are of paramount importance in delivering active learning spaces. The company has a large portfolio of standard products deployed in most UK Universities under the TOP-TEC brand. Our commercial business is delivered through Dalen Design Concepts.

DATAPATH

DISPLAYLITE



Datapath Limited is a world leading innovator in the field of computer graphics and video wall display technology. The company has operated exclusively in these areas since it was founded in 1982. Well over 200 man-years experience has been built up in product design, consultancy and project development, covering all areas of this industry. The available expertise covers both hardware and software (driver) design and development. Datapath is large enough to undertake substantial projects, but small enough to offer an unrivalled level of service and support, which is achieved by an accessible, customer-focused staff. The maxim "Excellence by Design" describes the philosophy of Datapath, and over the years this reputation has attracted many major blue-chip companies and institutions to use our expertise as the best way to solve their specialised display problems. In 2007 Datapath attracted new investment from Foresight Group. Whilst the founders retained the majority of the shares they recognised the need to invest in broadening the management team and the product portfolio. 2008 has seen the appointment of three new directors to the board: a strengthening of the technical team and a significant release of new products. Datapath is a privately held company, with a head office in Derby UK, plus sales and support offices in USA, France, Japan and China.



Displaylite is one of the UK's leading specialists in touchscreen and display technology. For over 16 years, the company has been designing and providing interactive touch and custom displays solutions including: multi touch tables, touchscreens, kits for touch enabling video walls, custom display housings/ repackaging and multitouch collaborative software. Based in Huntinadon. Cambridgeshire. UK. DisplayLite has a first class reputation for service and support working closely with AV resellers, system integrators and key partners such as NEC to offer a full customisation and integration service.

DISPLAYNOTE





www.displaynote.com

DisplayNote Technologies is a software and app development company specialising in collaboration solutions for mobile, desktop and display. DisplayNote NEC Edition transforms lessons and presentations for classrooms and meeting rooms.

Presenters can take control of their desktop display using the DisplayNote NEC Edition app, or they can present directly from the app and share their whiteboard directly to the display. Projector control tools provide an easy way to have full control from their tablet device and educational widgets provide useful tools for teachers and learners. Students and participants can receive the presentation content directly to their computer or device, interact with it and send their work to the display.

DOT ORIGIN



Dot Origin is a leading developer and distributor of specialist Bluetooth beacon, NFC and RFID interface devices for digital signage, kiosks and point of sale systems. The company's expertise in this area comes from many years of acting as a distributor of smart card and NFC technology components and solutions, as well as a long history of conceiving and developing mobile applications. Based in the UK with a US subsidiary, Dot Origin has unrivalled knowledge and technical expertise in understanding how RFID, NFC and Bluetooth beacon technologies can be applied in many different application areas.

EMERSON

EXTRON



Emerson Network Power's Avocent® High Performance KVM Solutions, deliver computing resources with the greatest reliability and efficiency in any control room environment. We offer extraordinary flexibility to maximise availability and provide the highest quality experience to end users and administrators – all while reducing operating and capital costs.

Using our high performance KVM technology, a major European hub airport has consolidated 29 dispersed departments into one centralised control room to:

- -Share desk information with video walls in real time for efficient handling of incidents.
- -Secure and back rack all systems to a controlled environment.
- -Increase flexibility and support growth with the ability to add and upgrade equipment without replacing installed systems.

-Provide immediate access to critical information, enabling quick resolution of emergency situations without leaving the control room.





Extron Electronics is a leading manufacturer of professional AV system integration products including AV control systems, computer-video interfaces, switchers, matrix switchers, distribution amplifiers, audio amplifiers and signal processors, speakers, twisted pair and fiber optic equipment, videowall processors, video signal processors, AV streaming and recording products, classroom sound field systems, and high resolution cable.

GREEN HIPPO



Green Hippo specialises in design & manufacture of hardware and software products for real-time manipulation of video in the live event and AV industries. Based in London and LA Green Hippo provides innovative solutions and support to users, distributors and installers worldwide.

The company's award winning Hippotizer range is now in its fourth generation and can be found providing real-time video playback and 3D mapping for television sets including Eurovision, The Oscars and the Super Bowl halftime shows. With AViary Video Tools, we have taken this wealth of experience and developed a range of digital display solutions that bring a unique, high-grade and ultra-flexible way of working to a host of applications in any aspect ratio or size.

Hippotizer media servers now reside in the inventory of most of the major rental companies worldwide alongside an ever growing set of owner operators worldwide. Users have access to a wide range of playback and mapping solutions with user friendly user interfaces giving them the tools to create innovative video manipulation with trusted support and award winning software.

HIPERWALL



Video walls and distributed visualisation systems have been around for decades, but they have always been too complex and too expensive for most organizations. NEC and Hiperwall have teamed up to eliminate these barriers - by combining NEC hardware with Hiperwall software it is now easy and affordable to build a system that enables you to display content when and where it is needed with great simplicity. The result is a video wall and distributed visualisation system that is ideally suited for many applications including command and control, digital signage, education and entertainment. See the system in action, learn more, and try it for yourself in the Command and Control zone.
HARMAN

INFOCOMM



Harman Professional Solutions is the world's largest professional audio, lighting, video and control products and systems company. It serves the entertainment and enterprise markets with comprehensive systems, including enterprise automation and complete IT solutions for a broad range of applications. Its bestin-class products are designed, manufactured and delivered to a variety of customers, including tour, cinema and retail as well as corporate, government, education, large venue and hospitality. In addition, its world-class product development team continues to innovate and deliver ground-breaking technologies to meet its customers' growing needs. For scalable, high-impact communication and entertainment systems, Harman Professional Solutions is your single point of contact.



InfoComm International[®] is the international trade association representing the professional audiovisual and information communications industries. Established in 1939, InfoComm has more than 5,000 members, including manufacturers, systems integrators, dealers and distributors, independent consultants, programmers, rental and staging companies, end users and multimedia professionals from more than 80 countries.

INSTORE MEDIA

INURFACE MEDIA



Instoremedia develops Digital Signage software which enables you to manage content deployment to any size of Display network, large or small. Featuring a CMS designed for enterprise, a SaaS or on-premises hosting model and compatibility with all standard content formats and the latest and greenest hardware, whatever size of project you have and whatever vertical market you operate in, Instoremedia can provide you with a solution. Instoremedia has won several industry awards and is currently used by companies including Marks & Spencer, Burger King and Mothercare.





At Inurface Media we create outstanding Digital Signage solutions to immerse, engage, entertain, amaze and educate. Digital signage is flexible, quick to update and incredibly cost effective. Why not take advantage of these factors to start advertising your services or communicating with your customers and employees. Our solutions include Retail, Corporate Coms, Out of Home, Supply Chain, Contact Centre, Banking, QSR and many more.

We are a cost effective one stop shop for all turn-key digital signage solutions, consultancy, installation, project management, content, training, support and maintenance.

MADE UP

MATROX



www.madeupltd.com

mabe up

Made Up is a live events company that specialises in live, broadcast and corporate projects, ranging from video mapping to brand experiential activations.

We use technology in creative and innovative ways to produce immersive experiences from large scale live events to intimate consumer journeys. We supply solutions to the broadcast TV and Radio industries, from sets design and build to bespoke technical solutions.

We are a one-stop events company. We can create, build, and activate, unique and captivating sets, stands and interactive show cases. From temporary popup stands to full installations, we provide a turnkey solution for events and experiential campaigns. Made Up also provides technical and build solutions for the broadcast industry, ranging from lighting design to video content production.



Matrox Graphics is a global manufacturer of reliable, high-quality ASICs, boards, appliances, and software. Backed by in-house design expertise and dedicated customer support, Matrox products deliver stellar capture, extension, distribution, and display. Engineering high-quality products since 1976, Matrox technology is trusted by professionals and partners worldwide. Matrox is a privately held company headquartered in Montreal, Canada.

OBLONG



Oblong has created the platform for a new era of spatial, distributed, and collaborative computing. Our technology was the basis for the computing systems depicted in the film "Minority Report" and has roots in more than two decades of research at the MIT Media Lab. Mezzanine[™] is Oblong's immersive visual collaboration solution, and it is the only product of its kind to link locations, teams, and content in a shared, immersive workspace. Customers include IBM, Accenture, Network Rail, Dentsu Aegis Network, and NTT.

The Mezzanine visual collaboration solution integrates video conferencing with concurrent screen sharing from multiple devices and locations simultaneously. By uniting teams, data, and content in a shared visual workspace, Mezzanine transforms meeting rooms into immersive and engaging digital workplaces.

Mezzanine amplifies sales presentations, elevates multi-location team collaboration, and fosters real-time decision-making. This new means of sharing information simultaneously in an immersive environment is so extraordinary we coined a new term for it: Infopresence.

PEERLESS



Peerless-AV is a leading designer and manufacturer of innovative mounting solutions to support the latest digital equipment and display technology. From award winning, full service video wall mounts to eye catching customisable kiosks all Peerless products are packed with installer-friendly features to simplify installation and enhance the aesthetics of any project.

Using only the highest quality materials, in state of the art manufacturing processes, coupled with a commitment to exceed the highest industry safety standards ensures complete peace of mind and the assurance of security in every application.

PIXEL INSPIRATION

SCALA





Pixel Inspiration is a leading provider of managed instore digital media solutions. It's been established for 12 years and work for some of the UK's leading retail brands including Argos, Thomas Cook, O2, L'Oreal, House of Fraser, Sainsbury's Bank, Volvo, Toyota, Debenhams and Itsu

Our solution demonstrates how in-store digital media can be integrated into the customer journey to provide several benefits to the customer and retailer, including efficiency of store operations, personalisation of the in-store experience and linking the in-store journey to online channels.



Scala has a passion for creating intelligent digital signage solutions that move employees, consumers, and products. Driving more than 500.000 screens worldwide, our solutions increase sales, improve brand loyalty, optimize the customer experience, and reinforce business objectives.

Scala is known for its innovation and leveraging bestof-breed technologies such as mobile and predictive analytics to create award-winning solutions that are easy-to-use yet infinitely customizable to meet our clients' unique needs. Our solutions can be found all over the globe across multiple industries. Our software powers the digital communications of companies like Rabobank, IKEA, Bloomberg, Tommy Hilfiger, Burger King, TMobile, Virgin Megastores, Disneyland Resort Paris, McDonald's, Warner Bros., Mercedes-Benz, DNB, Hard Rock Hotel, Shell, Esso, Ericsson and IBC-13.

Scala is headquartered near Philadelphia, Pa., with multiple subsidiaries across Europe and Asia, and over 500 partners in more than 90 countries.

SENNHEISER

SITA





www.sennheiser.com

Audio specialist Sennheiser is one of the world's leading manufacturers of headphones, microphones and wireless transmission systems. Based in Wedemark near Hanover, Germany, Sennheiser operates its own production facilities in Germany. Ireland and the USA and is active in more than 50 countries. With 19 sales subsidiaries and long-established trading partners, the company supplies innovative products and cutting-edge audio solutions that are optimally tailored to its customers' needs. Sennheiser is a family-owned company that was founded in 1945 and which today has 2,700 employees around the world that share a passion for audio technology. Since 2013, Sennheiser has been managed by Daniel Sennheiser and Dr. Andreas Sennheiser, the third generation of the family to run the company. In 2014, the Sennheiser Group had sales totalling €635 million.



SITA is the world's leading specialist in air transport communications and information technoloav solutions. Owned by the industry, SITA delivers solutions to airlines, airports, GDSs and governments over the world's most extensive communications network. Its portfolio covers every aspect of the industry from managed global communications, to passenger, baggage, flight and aircraft operations. border management and air-to-ground communications. With a presence at more than 1,000 airports around the world, SITA provides a unique service to its 430 air transport industry members and 2.800 customers in more than 200 countries. SITA's subsidiaries and joint ventures include SITAONAIR. CHAMP Cargosystems and Aviareto.

SITA's Airport Integrated Control Centre solution provides the enabling technology and experience for airports to integrate their operational processes with multiple stakeholders. This allows them to safely improve airport and airline performance, reduce costs and delays, and improve the passenger experience. Our solution provides a combination of professional services and future proof technology that can be tailored to meet the specific needs of any airport to improve their operational model and work environment in collaboration with other stakeholders and partners.

SMARTSIGN

SMS SMART MEDIA SOLUTIONS





www.smartsignmanager.com

Smartsign develops and sells software for digital signage. Smartsign was founded in 1998 and the product, Smartsign Display Manager, is today used by more than 1500 B2B customers in over 30 countries.

Smartsign Display Manager is a completely packaged product, used in a large number of companies and organizations from retail and hospitality to outdoor and corporate. Our solution is well known for its user friendliness and wide platform support. In the latest release we have even included support for mobile devices, such as phones and tablets. Managing your digital communication has never been easier!





www.smartmediasolutions.se/en/

With its focus on function and refined design, SMS has become one of the world's leading suppliers of high-quality brackets, fixtures and enclosures for displays, projectors and other media units. SMS develops and markets value-additive accessories for sound and vision to be used indoors or outdoors. We focus on professional installations, and we provide solutions for home use. Our most well-known product groups include brackets and enclosures for screens and projectors.

For displays in demanding surroundings the SMS Casing Outdoor has been specially designed for use outdoors and in other surroundings that place high demands on the protection of displays. Unbreakable glass as standard, a thermostat-controlled heating system and all of the optional accessories that are available in the Advanced series.

The SMS Casing Outdoor is manufactured completely from aluminum. This gives total corrosion protection, and contributes to making the product lighter than comparable solutions. In combination with clever integration of the heating and cooling system, this means that the Casing Outdoor is easily mounted to the wall or freestanding on the floor. Common for all variants of the product are robust protection against water, cold and dust (IP Class 55), a smart opening function, and cold-start protection that ensures that the casing is simple to service in any weather. Together with the unbreakable glass, these details make the SMS Casing Outdoor perfect for use outdoors, in public spaces, industrial sites, sports facilities and other demanding locations.

STARLEAF



StarLeaf brings people together through the power of video conferencing and calling. StarLeaf is a service provider with a global platform that delivers secure, reliable and rich video conferencing services to Fortune 500 companies all the way down to the smallest organizations around the world. Whether a company chooses StarLeaf conference room systems or already has their own – for instance from Cisco, Polycom, Lifesize or Avaya – StarLeaf removes the complexity and cost of management and enables users to call anyone else, including those who use Microsoft Skype for Business as their client.

StarLeaf Open Cloud provides businesses with a secure video conferencing and calling platform that works with all manufacturers' video equipment including; Cisco, Polycom, Lifesize, Avaya. It provides the enterprise with a means for protecting current investments while migrating to a unified communications platform such as Skype for Business.

On show will be a demonstration of the StarLeaf Skype for Business meeting room system, the Open Cloud and Endpoint Subscription service. StarLeaf also offer meeting room systems that are optimized for the cloud.

TRIPLE PLAY



Tripleplay has been operating for over a decade in the digital media marketplace. Working across the globe via our own strategic locations and though our Authorized Partner Program, Tripleplay has grown to become one of the world's leaders in the development and provision of digital signage, IPTV, video on demand and mobile device streaming software solutions into all types of public and private sector With a wealth of knowledge and organisations. experience, we are able to assist any organisation in finding a solution fit for their needs. Tripleplay's core software solutions are: TripleTV, a HD IPTV solution, TripleVOD, a video on demand streaming solution, TripleSign, a world class server based digital signage system and TripleStream, a mobile device streaming application. All of our solutions operate from a single server, enabling seamless integration between all services. Adding to this a wide range of enhancements and management tools, our digital signage, IPTV and VOD solutions can be tailored to meet all needs. We have developed an AV/IT single platform that takes into account the needs of the AV department but also addresses the security concerns of IT.

Tripleplay is the only provider in the world to offer a single platform solution for IPTV, Digital Signage and Video on Demand. The solution is fully scalable and future proof. We use industry standard hardware to deploy our software, which means we have our focus solely on the software being the best it can be and providing relevant updates where necessary. Our solutions are deployed in a number of markets, including: Banking, Enterprise, Healthcare, Maritime, Retail, Venues, Education, Government, Hospitality, Mining and Sports and Arena.

U-TOUCH

WEYTEC



U-Touch are one of the Industry leaders in Multi-touch technologies. Over the last 16 years, we have been designing and manufacturing U-Touch Interactive Products, a brand infamous with a professional quality and reliable and future proof design. The product portfolio is diverse with focus on large format displays, tables and video walls. We are constantly striving to bring the latest technology and solutions to a broad range of customers and uses within corporate, retail, broadcast, education, digital signage, command and control, museums and foyers. With offices in the UK, USA, Netherlands and Poland, we are able to offer service and support to our partners effectively across the Globe.



The WEY Group is a Swiss-based global technology company. It specialises in integrated solutions in the areas of financial and control centres. WEY encompasses 13 offices worldwide and provides support and services in more than 40 countries. It is a one-stop supplier which develops and manufactures virtually all of its products and solutions in-house.

The use of first-class components, high-quality Swiss workmanship and a strict governance in accordance to ISO 9001 guarantee first-class quality. From planning and deployment through to the support, WEY offer customer focused services and consultation.

Our solutions are tailored to specific needs and based upon over 30 years of experience and industry insight.





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www.showcase-nec.com

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Orchestrating a brighter world

