Empowered by Innovation

NEC

NEC DISPLAY SOLUTIONS

NEC SOLUTIONS SHOWCASE 2015

A WORLD OF VISUAL PERFORMANCE

20TH - 21ST MAY, VINOPOLIS, LONDON

NEC SHOWCASE

LONDON
2015

\Orchestrating a brighter world

WELCOME

Welcome to Vinopolis, a splendid Victorian vaulted celebration of wine, within which we are delighted to present the 7th NEC Solutions Showcase in conjunction with our partners.

As you walk through Showcase today, you will see how each solution is tailored to meet the specific needs of an application, presented within a real-world scenario, to help you truly experience innovation in action.

Not only will you be inspired today, but we hope you will be entertained and engaged. Our exhilarating Cube installation creates an extraordinary visual effect; an immersive sensory experience demonstrating the creative possibilities using a variety of display technologies. Also look out for some of our more intrusive solutions which are designed to be just that - thought provoking!

At NEC, we are exceptionally proud of the Showcase and what we have achieved in collaboration with our partners and we are sure our combined expertise can help you achieve your business goals through display technology.

A world of visual performance awaits you at the Showcase, we hope you enjoy it!

Simon Jackson, Vice President
NEC Display Solutions

AGENDA

Experience powerful mobile interactions as you explore the Showcase today. In collaboration with our Partners, Mooh Media, Global Reach and Dot Origin, we use Wi-Fi and beacon technology to track your progress, offering personalised messages and opportunities to interact via your mobile device.
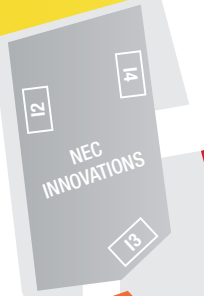
W **WEDNESDAY** I 20th May 2015

09.00	Registration opens	Vinopolis Reception
12.00	Lunch (12.00 - 14.00)	
13.00	NEC chat show is 'on air'	Academia
14.00	NEC Digital Conference (14.00 - 16.30)	Gallery

- EMEA Lead, *Google* – Chromebox for Meetings
- Head of Digital, *Mediacom* – Digital Communication Update
- Managing Director, *Mooh Media* – Mobile out of Home
- Executive Creative Director, *Downstream* – Design Implications of Big Data, Personalization and The Internet of Things
- CEO, *Exterion* – Digital Transformation

17:00	Showcase closes	

T **THURSDAY** I 21st May 2015

09.00	Registration opens	Vinopolis Reception
12.00	Lunch (12.00 - 14.00)	
13.00	NEC chat show is 'on air'	Academia
13.30	NEC Digital Conference (13.30 - 15.30)	Gallery

- Global Enduser Hardware Product Manager, *Credit Suisse* – Transformation to improve collaboration
- EMEA Lead, *Google* – Chromebox for Meetings
- Digital Experience Programme Manager Strategy, *BG Group* – UC meets UX – Meeting Room Standards
- Managing Director, *Beaver Group* – EAT Digital Signage Deployment

17:00	Showcase closes	

FLOOR PLAN

GROUND FLOOR

NEC DIGITAL CONFERENCE

MEZZANINE

R9
R10
R11
R2
R8
R12
R1
RETAIL
R14
R13
R7
R3
R4
R5
R6

I2
I4
NEC
INNOVATIONS
I3

E8
E7
E6
E5
E4

MB1

BROADCAST

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NEC

WINE EXPERIENCE
VOUCHER
COLLECTION POINT

sense
for deafblind people

EDUCATION
LECTURE THEATRE

E1

COFFEE
BAR

CATERING | SEATING | WI-FI AREA

CC2

LED7
LED6
LED8
LED5
LED4
LED3
LED2
LED1
LED GALLERY

COMMAND
& CONTROL

CC1

E2

E3

EDUCATION

MB2

MEDIA

TRANSPORT

T5
T3
T2
T1
T4

INFORMATION
DESK & TOURS

SHOWCASE
RECEPTION

C7
C8
C6
C5

CORPORATE

C4
C3
C9
C2
C1

NEC
INNOVATIONS

I1

NEC SHOWCASE

LONDON
2015

SHOWCASE
ENTRANCE

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 CURVED RECEPTION SIGNAGE | TriplePlay, Unicol

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 in landscape orientation
- NEC 19" EA193Mi desktop display
- TriplePlay modular head end server
- Unicol VWP1 video wall pop-out mounting solution

C2 RECEPTION WAITING AREA | AMX, U-Touch

The room scheduling solution displays real-time meeting room availability whilst presenting corporate branding and relevant information. Interactive touch panels are placed outside each of the meeting room scenarios to manage scheduling. Visitors are enticed to interact with a mix of content, including the Showcase showguide, on the interactive coffee table.

- NEC 55" X552S display
- AMX room scheduling solution
- U-Touch interactive SyncTable, integrated with 55" NEC X552S

C3 TRADE DESK & BACK OFFICE | DAS, RMG Networks

Improving processes and maximizing employee productivity, this performance management solution displays real-time, easy to read information to engage and motivate workers, while mobile data alerts keep managers informed.

The trading desk displays a variety of configurations to compare screen sizes. Financial market information and internal messages are presented on the large format display and simultaneously on the users' desktop; centrally managed, this allows global communications throughout an organisation to engage with its employees.

- NEC 46" V463 display
- NEC 46" P463 display
- RMG Networks Intelligent Contact Centre
- RMG Networks Visual Supply Chain
- RMG Networks Visual Internal Communications
- DAS Optima Airflo desks in back to back configuration
- DAS Datum flux Plus light trading desks in back to back configuration

Trading desk
- 3 x 27" NEC EA275UHD
- 3 x 30" NEC EA304WMi

Back office desk:
- 1 x 23" NEC E232WMT
- 1 x 29" NEC EA294WMi

- 2 x 19" NEC EA193Mi
- 2 x 24" NEC EA244WMi

7

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C4   CORPORATE SIGNAGE | Exterity

The corporate video over IP and signage solution enables organisations to communicate, inform and entertain through the secure distribution of high quality video and audio to targeted groups of employees or customers.

- NEC 55" X552S display
- Exterity IPTV system

C5   SKYPE FOR BUSINESS MEETING ROOM | AMX, StarLeaf

Microsoft Skype for Business (previously known as Lync) enables instant messaging, Voice Over IP and video conferencing. The meeting room scenario includes a room booking panel which can be managed locally or via the network to highlight room bookings.

- NEC 46" V463 display
- NEC 46" P463 display
- StarLeaf GTm5220 meeting room system enabling Skype for Business
- StarLeaf SBC 6350 session border controller
- AMX room booking touch panel

C6   GOOGLE HANGOUTS | AMX, Google, RMG Networks

Hangouts enables messaging, video and voice calls to be made from any device; iOS, Android or desktop, for instant mobile communications. The meeting room scenario includes a room booking panel which can be managed locally or via the network to highlight room bookings.

- NEC 46" V463 display
- NEC 46" P463 display
- Google Hangouts Chromebox for meetings
- AMX touch panel
- RMG Networks Intelligent Digital Signage

C7   **BOARDROOM WITH LARGE FORMAT DISPLAY** | AMX

In a technology shootout, compare the large format display against laser projection in the corporate boardroom scenario. Intuitive touch panel-driven control eliminates meeting room technology problems allowing users to seamlessly manage information sources and switch content onto the NEC display.

- NEC 98" X981UHD display
- NEC HDBaseT Receiver
- AMX Enova DVX All-In-One Presentation Switcher
- AMX Enzo meeting presentation and content sharing platform
- AMX HydraPort connectivity solution
- AMX Alero ALR-AEC-8, a dedicated microphone mixer for web conferencing applications

C8   **BOARDROOM WITH PROJECTION** | Extron

In a technology shootout, compare laser projection against the large format display in the corporate boardroom scenario. Encouraging 'bring your own device' flexibility, content can be shared from any device and displayed via the projected image for quick spontaneous meetings.
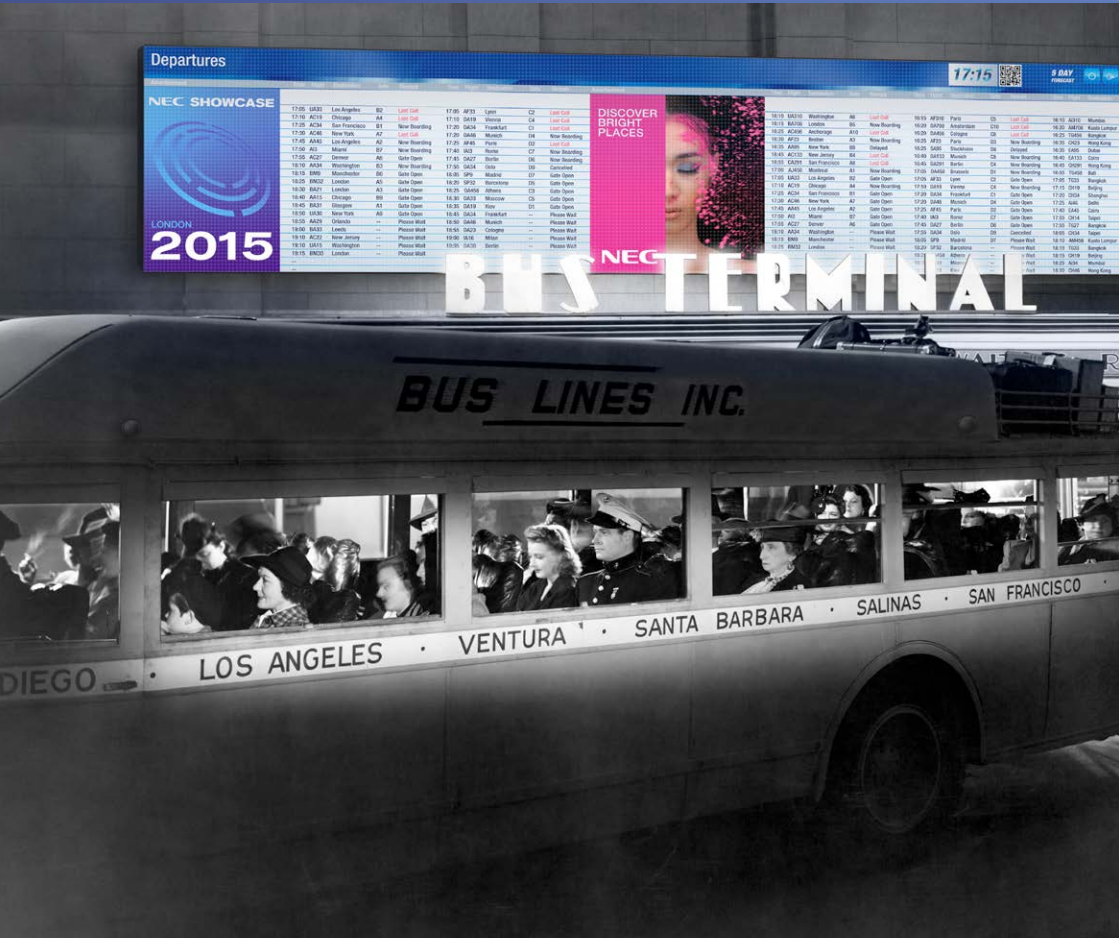
- NEC PX602UL laser projector
- NEC HDBaseT Receiver
- Extron ShareLink 200 wireless collaboration gateway
- Extron TeamWork™ digital collaboration system using ShowMe cables
- Extron Cable Cubby

C9   **WAY-FINDING DISPLAY** | ONELAN

The digital signage solution provides interactive way-finding information for visitors. With a browser based user interface, the system is fully multi-lingual and capable of displaying both stored media and live media feeds.

- NEC 55" P553SST ShadowSense touch displays
- ONELAN Net-Top-Box multi-media solution

With ever increasing national and international travel, operators are investing in new technology to achieve the level of customer service needed to remain competitive. Display solutions assist in passenger communication at each stage of the journey from booking through to departure, not only improving the customer experience via way-finding and critical information but also providing advertising opportunities.

T1   **LIFE-SIZED SIGNAGE WITH MOBILE INTERACTION** | Dot Origin

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. Extra large format displays deliver impactful life-sized signage; compare three NEC 80" displays, from entry-level to professional.

- NEC 80" E805 display
- NEC 80" V801 display
- NEC 80" P801 display
- Dot Origin DTAG100-PRO enabling NFC and Beacon technologies
- 3 x NEC Core i5 Slot in PCs

T2   **HIGH END PROJECTION**

Projecting high bright images into the arch, this solution can be used for dynamic advertising at underground stations.

- NEC PH1400U installation projector

T3   **MOBILE DISPLAY UNIT** | Parity

The Mobile Flight Information Display is a mobile, completely wireless display unit that can be placed in most indoor locations. With battery power and WiFi communication the unit can be quickly deployed to provide passengers with information in the event of service disruptions, unforeseen events or temporary circumstances.

- NEC 55" P553 with embedded OPS slot-in PC
- Parity Mobile Display Unit

T4   **ALL IN ONE INTERACTIVE TOTEM** | Harp, Scala

This interactive system is designed to enhance the passenger experience by aiding way-finding and providing an easy to operate real-time timetable and assistance with onward travel. The multiple engagement signage solution features an integrated touch screen, with optional capabilities for gesture control, proximity triggers, facial recognition, QR codes, NFC, advertising and multi-modal data integrations.

- Harp totem solution incorporating 55" NEC X552S
- Scala digital signage software with NEC leafengine integration

leafengine

T5   **CONTEXT AWARE PLATFORM SIGNAGE** | Smartsign, SMS

Digital passenger information systems combine context aware advertising with passenger information powered by NEC's leafengine to automate sound, wind and video content for an engaging passenger experience in the simulated station.

- 3 x NEC UM351W short throw projectors
- SMS Media Cabinet Indoor Totem incorporating 2 x back to back NEC 70" P703 displays
- NEC 65" X651UHD display
- Smartsign Manager software
- 3 x NEC Core i7 slot-in PCs
- NEC leafengine integration

leafengine

Authentic colour reproduction and image sharpness is vital in the Media and Broadcast sector where accurate soft proofing techniques help to reduce costs and increase efficiencies. In the broadcast sector, the Showcase TV studio and editing suite demonstrates a complete content creation and colour workflow from camera capture through to image output. Witness the detail, sharpness and intense colour accuracy achieved with new Ultra-High Definition resolution displays.

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MB1   **TV STUDIO** | Jaegerfilm, Peerless

Take a seat in the Green Room and join the NEC Chat Show! Two cameras film interviews with visitors to the Showcase. The camera image is captured, passed through a vision switcher out to an NEC video wall forming the TV studio backdrop.

- 9 x NEC 55" X554UN video wall modules
- Peerless DS-C553-3x3 video wall trolley
- Jaegerfilm studio equipment
- NEC 32" PA322UHD-SV2 display
- 2 x NEC 24" EA244UHD desktop displays

MB2   **EDIT SUITE** | Chief, Jaegerfilm

The colour grading suite shows 4K content from various sources, including the recording of 4K content in super slow motion. These images are edited and reworked using NEC colour accurate displays and demonstrate the real benefit of an ultra-high resolution closed loop workflow.

- NEC 98" X981UHD display
- NEC 32" PA322UHD-SV2 display
- 2 x NEC 24" EA244UHD desktop displays

Educators recognise that motivating students requires a radical change in approach with a greater focus on collaborative learning rather than a teacher-led one way approach. Collaborative techniques help to improve teacher / pupil engagement and empower students to actively participate. Interactive learning spaces allow students to engage and participate; enhancing the classroom atmosphere for a positive learning experience.

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E1   **LECTURE THEATRE** | Extron

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.

Join the lecture and learn more about wine before you join the Vinopolis wine trail.

- NEC PH1202HL laser projector with NP-3LS12ZM1 lens
- NEC E232WMT touch display
- NEC HDBaseT Receiver
- Extron SMP 351 streaming media processor + DTP Crosspoint 84 IPCP SA with Annotator 300 and new streaming decoder SMD 202

E2   **COLLABORATIVE CLASSROOM** | DisplayNote, Projecta

Compare technologies in the collaborative classroom where a large format touch display is mounted alongside an interactive projection solution . . . and a blackboard! Take a seat and join the class using iPads to annotate and share content to the front of class.

- NEC 80" E805SST ShadowSense touch display
- NEC UM351Wi ultra-short throw interactive projector
- DisplayNote NEC Edition collaborative software
- Projecta dry erase screen

E3   **DIGITAL SIGNAGE** | ONELAN

Communicating with students, staff and visitors, digital signage links the campus with wayfinding, student notices and special promotions.

- 4 x 46" NEC X464UNS video wall modules
- ONELAN Net-Top-Box multi-media solution

E4   **INTERACTIVE LEARNING WALL** | DisplayNote

Creating an expansive interactive teaching space, the edgeblended laser curtain solution enables unlimited finger and pen touch response for multi-user collaboration ensuring a positive learning experience.

- 3 x NEC UM351Wi ultra-short throw projectors
- DisplayNote NEC Edition collaborative software

E5 PROJECTION IN HIGH AMBIENT LIGHT | ProDisplay

Even the sunniest classrooms can use legacy projectors and still deliver readable visual material using a high quality projection screen. A unique light-rejecting optical filter is layered over a high definition reflective projection surface, delivering outstanding contrast and colour even in direct sunlight.

- NEC UM351W ultra-short throw projector
- ProDisplay SunScreen 80" sun-readable front projection screen

E6 INTERACTIVE TABLE | Stand Apart

The interactive multi-media touch table is capable of responding to 40 simultaneous points of touch, protected by a tempered glass top. This solution offers students a multi-touch experience to encourage collaboration and participation.

- NEC 42" V423 integrated into touch table
- Stand Apart @Table
- NEC 55" V552 display with interactive overlay

E7 IPTV DIGITAL SIGNAGE | TriplePlay

A source of infotainment for university students and visitors, the digital signage solution uses web browsers to stream live content over the clients network. This solution incorporates digital signage, IPTV, lecture capture, video streaming and Voice on Demand.

- NEC 55" X552S display
- NEC 23" E232WMT display
- TriplePlay head end server

E8 ALL IN ONE INTERACTIVE TOTEM | Harp, Scala

Appealing to today's social media savvy youth, this interactive system enhances the student experience providing universities with the means to communicate and engage with students. The multiple engagement signage solution features an integrated touch screen, with optional capabilities for gesture control, proximity triggers, facial recognition, QR codes, NFC, advertising and multi-modal data integrations.

- Harp totem solution incorporating 55" NEC X552S
- Scala digital signage software integrated with NEC leafengine

NEC INNOVATIONS

NEC innovation in solid state light sources brings compelling cost savings whilst delivering a brighter, purer, more intense projected image. No longer restricted to cinema use, NEC's new laser projectors meet professional projection demands, enabling a wider professional market to experience supreme image detail at high resolutions whilst making installation and maintenance easier.

I1   THE CUBE | Green Hippo, Pro Display, Unicol

The Cube delivers a fully immersive sensory experience, surrounding you with dynamic visual content to put you right at the centre of the action. This installation demonstrates the creative possibilities to engage and entertain your audience.

- 27 x 46" NEC X464UN video wall modules create the **walls**
- Unicol Rhobus custom made video **wall** mounts
- 9 x NEC 40" X401S displays create the **floor**
- NEC PX602UL laser projector with HDBaseT transmitter and receiver, create the **ceiling**
- Pro Display Pro Diffusion ST acrylic optical screen for ultra-short throw rear projection
- NEC 55" P553SST ShadowSense touch display
- NEC 55" X552S display
- Green Hippo AViary Video Tools Par4Keet Player

I2   LARGE FORMAT DISPLAY COMPARISON | Google, Matrox

Maintaining a consistent aesthetic across its large format display ranges, NEC enables end users to optimise the mix of screens for the best ROI in signage rollouts. Compare NEC's ranges of large format displays, here demonstrated in 55" size, including the Enterprise, Value, Professional, Specialist and Ultra Narrow modules, presented side by side.

- NEC 58" E585 display
- NEC 55" V552 display
- NEC 55" P553 display
- NEC 55" X554S display
- NEC 55" X554UN video wall module
- Google Chromebox digital signage player
- Matrox Maevex 5100 Series H.264 encoders and decoders

I3   PROJECTION EDGEBLENDING & WARPING | Green Hippo

Creating a single wide canvas projected onto a curved wall, this solution demonstrates edgeblending and warping capabilities.

- 3 x NEC PX602WL laser projector with NP34ZL lens
- Green Hippo Boreal

I4   PROJECTING AN ATMOSPHERE

Ceiling edgeblending projection and image mapping projects impressive visualisation on the projector surface creating stunning images for mood setting and atmosphere.

- 2 x NEC PX602UL laser projectors with NP34ZL lens
- 2 x NEC L102W projectors

COMMAND AND CONTROL
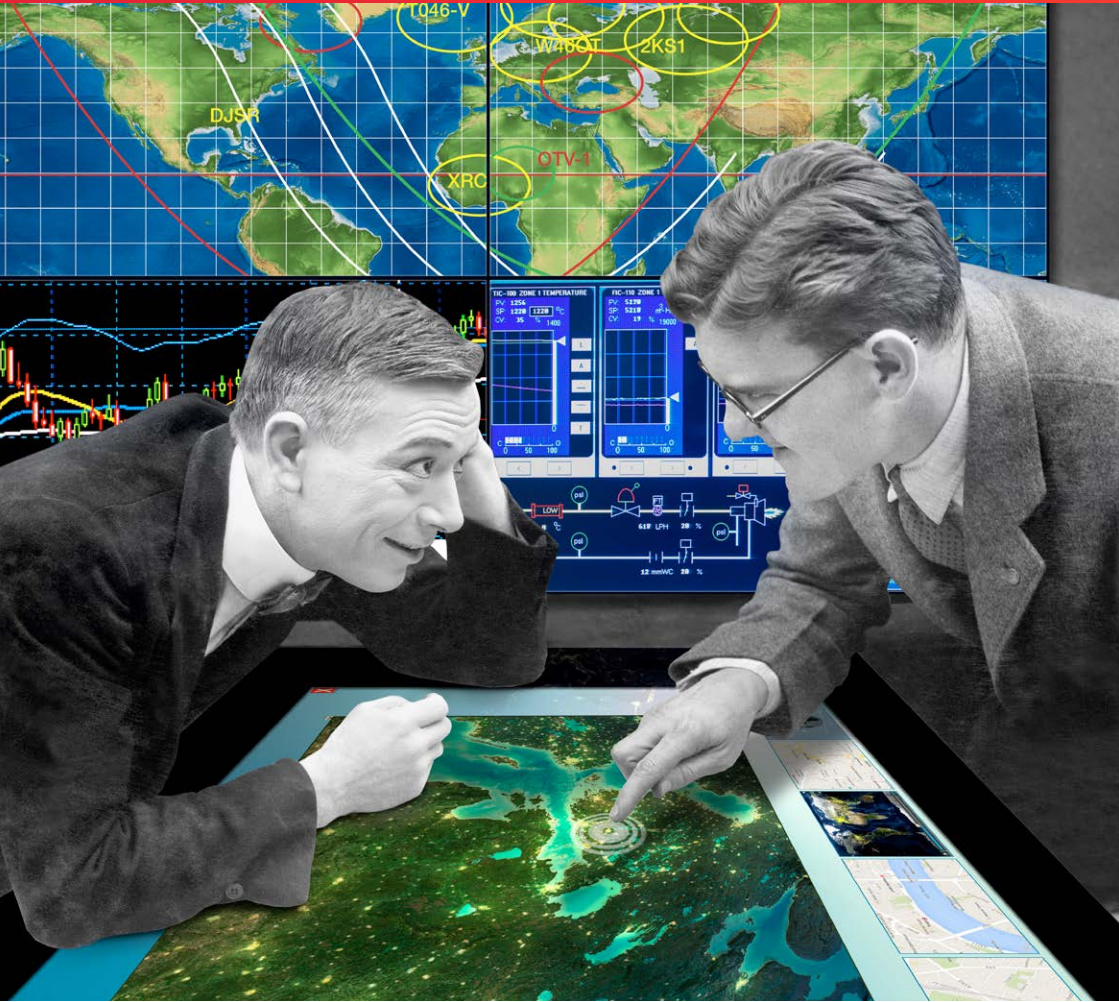
Enter the simulated Control Room and be ready for any emergency; there's no compromise for reliability and performance here. Dedicated control room software, CCTV integration and ergonomic desking solutions allow for easy access to critical data for blue light, security, telecoms, defence, data centre, transport, utility and manufacturing applications. 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** | DAS, Hiperwall, Matrox, RMG Networks, ZeeVee

Representing a complex command and control room scenario, powerful Hiperwall ultra-high resolution video wall software manipulates data from a mix of sources including eleven feeds, displayed on the large format UHD displays and video wall installation. 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.

- Hiperwall video wall processor software
- DAS Optima Control Console
- 2 x 24" NEC EA244WMi, 2 x 27" NEC EA274WMi & 32" NEC PA322UHD-SV2 desktop monitors
- 8 x 46" NEC X464UN video wall modules integrated with Core i7 slot-in PCs
- NEC 98" X981UHD display
- NEC 84" X841UHD display
- Matrox Mura MPX graphics board
- RMG Networks command & control simulated software feed
- ZeeVee coax distribution system for live camera feed

CC2   **BREAKOUT ROOM** | Chief, Datapath

Replicating the live camera feeds into the control room, this solution manages various data sources to simulate a breakout room scenario with visualisation displayed on a video wall configuration using 55" modules.

- 6 x 55" NEC X554UN video wall modules
- Chief video wall floor stand
- Datapath video wall processor

Digital display assets are crucial to achieving a cohesive communications strategy, bridging the gap between e-commerce and in-store data driven marketing campaigns. High visibility 'context aware' and interactive solutions maximise the accuracy of delivered content based on fact-based consumer insights to enhance the customer experience, improve brand loyalty and ultimately, achieve sales uplift.

R1a TARGETED MESSAGING | Peerless, Scala

By automatically optimizing messaging and content centred on fact-based consumer insights, retailers can now further improve their sales and revenue goals. The beacon solution triggers sports clothing content to be shown as shoppers pass the three arches, presented in ultra-high definition, life-sized imagery.

- 3 x NEC 84" X841UHD displays
- 3 x Peerless SR598 mobile large format trolleys
- Scala Intellient Digital Signage

R1b STYLE ADVISOR | Scala

Bringing a seamless customer experience to the sales floor, the 'Style Advisor' interactive display is an assistive selling tool that allows sales associates to trigger outfit styles on two stacked portrait screens from a tablet when customers approach the area. The sales associate app also provides additional product information, browses through style options and helps shoppers pick out clothes for the fitting room. By aggregating data streams related to customer movement with beacon technology, a heat map is generated and made available to management and staff showing where customers are spending their time in-store.

- 4 x NEC 46" X464UN video wall modules
- Scala Digital Signage with Sales Associate App
- Scala Heat Map

R1c MOBILE INFORMATION | Scala

By holding a smart phone near a beacon tagged product, information about the article is shown on their device and the shopper can "swipe" that information from their phone to be displayed on a large playback screen enabling them to look at "the bigger picture".

- 2 x NEC 42" V423 displays
- Scala Consumer Fling App

R1d LIFT AND LEARN | Scala

Transform your in-store experience right at the Point-of-Sale with the 'Lift and Learn' solution, featuring Adidas Golf footwear. A set-up of three screens is used to not only entice customers, but also help them compare and learn more information about products. The 'Lift and Learn' display is connected to the Scala Content Manager system, allowing retailers to make pricing adjustments instantly using POS data across their network from one central location.

- NEC 42" V423 display
- Scala Consumer App

R2   **HIGH BRIGHT WINDOW SIGNAGE** | Peerless

Intense sunlight reduces the readability of content in shop windows, this technology shootout directly compares High Bright technology alongside standard brightness displays.

- NEC 75" X754HB high bright display
- NEC 70" P703 display
- NEC OPS digital signage player
- Peerless twin pole modular series

R3   **TOUCH DISPLAY** | U-Touch

Interactive large format touch screens are an effective means of grabbing consumer attention, delivering high impact, high quality content. Using the latest ShadowSense touch technology, this ultra-high resolution benefits advertisers and retailers seeking to promote products and services in a more innovative and measured way, whilst offering the consumer a life-like interactive experience.

- NEC 84" X841SST ShadowSense touch display

R4   **INTERACTIVE FASHION DISPLAY** | ProDisplay

The large format 10-point multi-touch display is a toughened glass rear projection screen inviting shoppers to interact and engage with content.

- NEC UM330W ultra-short throw projector
- ProDisplay Interactive Digital Glass 80" toughened glass rear projection screen

R5   **CUSTOMER SERVICES** | Inurface media

Branded content provides infotainment for customer service applications, displaying relevant information such as exchange policies and store services. Both stored media and live media feeds are displayed in real-time, managed from a central location with limited control available to the local store.

- 4 x NEC 46" X464UN video wall modules
- NEC 29" EA294WMi desktop displays
- Inurface media digital signage solution

R6 RETAIL BANK WAITING AREA | Chief, DOOHapps

Visitors to the retail bank can interact with content on the video wall using their smartphones or using gestures in an intuitive way. The interactive applications are offered in an App store business model, managed through a cloud based CMS. Levels of engagement can be assessed through audience measurement statistics to evaluate the impact of a campaign.

- DOOHapps interactive signage application using Kinect camera
- 9 x NEC 55" X554UN video wall modules
- Chief floor standing video wall mount

R7 RETAIL BANKING | RMG Networks

Banking customers are welcomed with branded messages displayed alongside dynamic content advising of promotions and banking services. The desktop monitor is secured for use in public areas with a Secure Mount solution.

- RMG Networks intelligent digital signage
- 4 x NEC 46" X464UN video wall modules
- 2 x NEC 46" P463 displays
- 2 x NEC 20" E201W desktop displays with Secure Mount

R8 CHANGING ROOM MIRROR | ProDisplay

One of the two changing cubicles uses a digital mirror solution; a 70" highly-reflective mirror glass surface behind which is a digital display. When the display is turned off the effect is a standard mirror, as in the neighbouring cubicle; turned on and the viewer is presented with messages promoting the latest fashions and store promotions.

- ProDisplay Mirrorvision 70" highly-reflective mirror glass surface
- NEC 70" P703 display with embedded Core i7 Slot-in PC

R9 STAFF ROOM DIGITAL NOTICE BOARD | Intevi

Keep staff informed and motivated with efficient communications via a digital notice board. Replacing printed posters, content distribution is efficient with live feeds to deliver real-time updates. Display global or regionalised store information and video on demand content for staff induction, product training and management broadcasts.

- NEC 80" E805 display
- Intevi Digital Poster central management system

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R10 **CATWALK INTERACTIVE VIDEOWALL** | InStoreMedia, Unicol

Promoting the latest fashions, the catwalk scenario attracts shoppers and increases dwell time, whilst incorporating an interactive element which facilitates engagement and measurement. The audience is encouraged to interact with the content displayed on the video wall enabling them to share content to their mobile device.

- InStoreMedia digital signage solution
- 14 x NEC 46" X464UN video wall modules
- Unicol Rhobus mounting system

R11 **CONCESSION DISPLAY** | Peerless, Pixel Inspiration

The healthfood pop-up concession demonstrates how integration between various platforms can produce a cohesive, exciting and attractive in-store environment, which remains centrally controlled, managed and integrated with online channels, whilst providing local staff with day-to-day operational input. Come and take the GNC challenge and see how you compare against your partners and rivals. There's a free, healthy, treat for everyone who takes part!

- NEC 84" X841UHD display
- NEC PA622U projector with NP12ZL lens
- NEC leafengine integration
- NEC 46" NEC X462S display
- Peerless KIP546 totem

R12 **RETAIL SPACE** | InStoreMedia

Integrated with NEC's Field Analyst and leafengine software, this solution empowers retailers to hone signage campaigns for maximum effect through the measurement of audience demographics, dwell time and distance. Content changes automatically to present messages relevant to the audience.

- InStoreMedia digital signage solution
- NEC Field Analyst audience analytical software
- NEC leafengine integration
- 2 x NEC 55" X552S displays with embedded Core i7 slot-in PCs

R13 **POINT OF SALE MESSAGING** | Smartsign

The user friendly digital signage solution enables content to be published on any device with true scalability. Using the Quick Message app the screens are updated at the same time as the social media feeds, all in one click.

- Smartsign Manager with Quick Message app
- 2 x 55" NEC X552S displays integrated with 2 x NEC OPS digital signage players

R14 **INTERACTIVE RETAIL KIOSK** | Inurface media

Customers can access the interactive touch display to learn more about a product and be taken through to the purchase stage of the sales journey; a click & collect in-store solution.

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

LED GALLERY

Talk a stroll through the LED Gallery highlighting the wide range of products and breadth of applications now achievable using LED technology. In recent years the use of LED has greatly increased and can be found in a range of markets including Digital Out of Home (DooH), Sports and Stadia, Retail, Transport, Control Rooms, Broadcasting, Cinemas, Corporate reception areas, for architectural uses and in all types of signage. A new evolution of fine pitch LED brings an alternative technology offering a number of compelling reasons to consider its use indoor as well as out.

LED1   4mm INDOOR NICHIA - 2000 cd/m2

A premium black faced Nichia LED module for luxury brands advertising.

- NEC 4AF1 - 600mm x 600mm (128 pixels x 128 pixels)

LED2   6mm INDOOR NICHIA - 2000 cd/m2

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

- NEC 6AF1 - 1½ m wide and 3m high (240 x 480 pixels)

LED3   10mm SIGNAGE SOLUTION - 3000 cd/m2

A plug and play solution for static images only, the 10mm signage is available in different sizes and designed for use in stadia, transport, retailers, corporate receptions, civic buildings and education.

LED4   50mm MESH - 9000 cd/m2

The high bright design in transparent tubing is capable of 9,000 nits for viewing distances over 50 metres. This is an architectural designed solution for the exterior of buildings or behind windows, robust enough to withstand extreme weather conditions.

LED5   10mm OUTDOOR / INDOOR NICHIA - 6000 cd/m2

With premium quality outdoor SMD technology the 10mm module has excellent viewing angles and uniformity of colour and brightness. It is IP65 rated front and back, suitable for cinema posters, digital out of home and education.

- NEC 10BF1 - 1½ m wide by 3m high (144 x 288 pixels)

LED6   4mm ANCHOR DESK - 1200 cd/m2

Bar and counters equipped with integrated LED displays attract interest for point of sale promotions. Make the design of the counter reflect your brand, the possibilities are almost endless indoor or outdoor.

- 420 x 180 pixels

LED7   2mm FINE PITCH LED - 1200 cd/m2

This fine pitch LED has very high resolution (for LED) making it suitable for broadcast studios, control rooms, corporate reception, transport and auditoriums as well as retail. This fine pitch solution is excellent for managing moire effects.

- 2.4m x 1.4m (1200 x 720 pixels)

LED8   6mm OUTDOOR - 6000 cd/m2

Outdoor LED totems deliver a portrait oriented message, ideal for shopping areas, outdoor thoroughfares and digital out of home applications. Displaying static or animated high bright content, passers-by can not fail to take notice.

- 192 x 288 pixels

PARTNER LIST

PARTNER	SOLUTION
AMX	C2, C5, C6, C7
Chief	MB2, CC2, R6
DAS	C3, CC1
Datapath	CC2
DisplayNote	E2, E4
DOOHapps	R6
Dot Origin	T1
Exterity	C4
Extron	C8, E1
Google	C6, I2
Green Hippo	I1, I3
Harp	T4, E8
Hiperwall	CC1
InStoreMedia	R10, R12
Intevi	R9
Inurface media	R5, R14
Jaegerfilm	MB1, MB2
Matrox	C3, I2, CC1
Onelan	C9, E3
Parity	T3
Peerless	MB1, R1a, R2, R11
Pixel Inspiration	R11
Pro Display	E5, I1, R4, R8
Projecta	E2
RMG Networks	C3, C6, CC1, R7
Scala	T4, E8, R1a, R1b, R1c, R1d
Smartsign	T5, R13
SMS	T5
Stand Apart	E6
Starleaf	C5
TriplePlay	C1, E7
Unicol	C1, I1, R10
U-Touch	C2, R3
ZeeVee	CC1

AMX

www.amx.com

Founded in 1982 and acquired by HARMAN in 2014, AMX® is dedicated to integrating AV solutions for an IT World. AMX solves the complexity of managing technology with reliable, consistent and scalable systems comprising control and automation, system-wide switching and AV signal distribution, digital signage and technology management. AMX systems are deployed worldwide in conference rooms, homes, classrooms, network operation/command centres, hotels, entertainment venues and broadcast facilities, among others.

At the NEC Showcase, AMX is putting its innovative Enova technology in the spotlight. The Enova DVX All-In-One Presentation Switcher is at the heart of this solution, seamlessly managing information sources and switching content onto the NEC display. Visitors can see the impressive capabilities of AMX's Enzo meeting presentation and content sharing platform, plus the HydraPort connectivity solution and the new Alero ALR-AEC-8, a dedicated microphone mixer designed specifically for web conferencing applications in medium to large meeting rooms. All this, plus the touch panel innovations that AMX is known for, together with its innovative room scheduling solutions.

This innovative set-up shows how innovative AMX technology and the company's unified approach combine to eliminate meeting room technology problems and deliver the perfect collaborative environment.

CHIEF

www.chiefmfg.com

MILESTONE is the home of CHIEF and PROJECTA, global suppliers in the Pro AV market place.

CHIEF offers a complete line of innovative mount and rack solutions for Displays, Projectors and other AV equipment. Chief has 35 years of proven excellence in de AV Industry and takes pride on its Installer Inspired product development philosophy.

CHIEF Fusion series Micro Adjustable Video wall Cart. The Fusion series ensures fast installation with easy micro zone display alignments in freestanding video wall configurations.

PROJECTA is Europe's leading manufacturer of high quality projection screens and audio visual furniture. They design, develop and build an extensive range of projection screens in the largest projection screen manufacturing facility in Europe, located in Weert, the Netherlands. Projecta formulates and develops proprietary projection surfaces to ensure a projection surface for any application with a constant high quality

DAS

www.dasbf.com
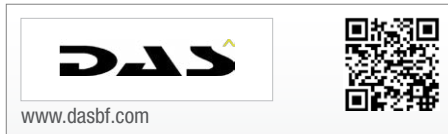
DAS has earned a worldwide reputation for excellence in the design, manufacture and installation of specialised desking for trading and control rooms. Founded in 1985, we continue to meet the needs of the World's most demanding markets where we have supplied more than 500 Clients in 51 countries and in excess of 80,000 desks.

At DAS we keep pace with continued advances in technology, embracing change to deliver products that help your business evolve. Our experience, knowledge and innovative approach enable DAS to design and manufacture a dedicated furniture offering for all types of trading floor, office or command and control environment.

At the NEC Showcase, DAS is displaying products from its Optima and Datum furniture ranges. The desks displayed all demonstrate how a high volume of technology is accommodated on and within the desk, in particular the management of cables and multiple screens. The emphasis on human factors is also clearly highlighted in the sit-stand capabilities of all desks which promote healthy and productive working. DAS works with CBS to mount NEC screens on its desks and seating products are provided by its partner Mesh. All these products demonstrate ergonomic best practice working methods.

DATAPATH

www.datapath.co.uk

Datapath Limited is a world leading innovator in computer graphics, video capture and digital display technology. Founded in 1982 and now distributing across 5 continents, Datapath has end customers in more than 100 countries Worldwide; covering multiple industries such as visual media, military, education, security and health care. We consistently meet standards of excellence with the delivery of quick and effective support, and providing unbeatable customer service for any specialised requirement. With Datapath's expertise, quality focus and dedicated customer support make the products the first choice for customers requiring solid, high-reliability solutions.

Datapath's expertise, quality focus and dedicated customer support helps us provide solid, high-reliability solutions.
Our extensive product range provides solutions for many wide and varied applications including Display wall controller hardware and software; Multi screen solutions; Multiple video overlay windowing applications; RGB/ VGA capture hardware; RGB streaming and Video Matrix switch hardware. Our display controllers are used in variety of different areas such as traffic control centres, telecom operations facilities, utility companies, security applications and in entertainment settings.

DISPLAYNOTE

www.displaynote.com

DOOHAPPS

www.doohapps.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.

DOOHapps is the first interactive application store for the Digital-Out-of-Home industry. The major differentiator of DOOHapps is that we decimate the cost of developing interactive campaigns for large screen formats and offer on-the-shelf Apps ready to use. Our Apps include embedded reporting and consumer conversion tools to bridge the large screen experience to online or social media. DOOHapps is active in retail, cinema lobbies and event/campaigns.

DOOHapps brings digital signage to the next level by powering the displays with attracting and engaging interactive applications. Gamification of each App ensures that viewers can interact with their smartphones or gestures in a straightforward and intuitive way. The interactive applications are offered in an App store business model and each App has been developed and tested tailored for outdoor advertising, shopping, entertainment and information purposes. The App store is managed through the DOOHapps cloud based CMS where users can easily download the Apps, personalize their selected Apps with their own media by means of a simple web-interface, schedule the Apps on their display network and retrieve the reporting showing the impact of the campaign; real audience measurement statistics, number of interactions, social media reach.

DOT ORIGIN

www.dotorigin.com

Dot Origin is a leading specialist distributor of smart card, RFID and NFC products from many key manufacturers, as well as a developer of value-added software and hardware solutions aimed at selected vertical markets.

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.

Dot Origin is demonstrating the DTAG100-PRO, which is designed to enable digital signage, kiosks and point-of-sale systems to be upgraded easily to include both NFC and Bluetooth beacon technologies. This unique hardware device enables NFC tag and iBeacon data to be changed dynamically by a local system, in line with whatever is displayed on-screen, as well as providing a two-way channel for direct, local communications with a consumer's mobile phone.

Dot Origin is also providing the visitor beacon experience for the NEC Solutions Showcase, using its new Bipzone mobile application and programmable Bluetooth beacons located in the various zones of the exhibition. The Bipzone solution will enable retailers and exhibition/event organisers to implement Bluetooth beacon campaigns without the need to develop or enhance their own mobile applications, providing a low cost, fast-track mobile engagement solution.

EXTERITY

www.exterity.com

Exterity is a market leading enterprise video over IP Technology company that enables organisations to communicate, inform and entertain through the secure distribution of high quality video and audio to targeted groups of employees, customers, guests, visitors and the public via monitors, PCs and mobile devices.

Exterity is a world leading provider of professional IPTV systems that distributes video over IP infrastructure with future proofed and built to last systems that are flexible, easy to use, simple to set up and can target down to group or individual user level.

As a professional video over IP specialist, we supply innovative products, solutions and services that act as the foundation upon which organisations can securely play, record, schedule and distribute HD quality video and audio content to an unlimited number of end points.

With a market leading presence on every continent, we serve some of the most recognized brands in the world. By bringing broadcast technology to the AV world we provide the IPTV video foundation upon which exciting multi vertical solutions are built.

EXTRON

Extron

www.extron.co.uk

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, speakers, twisted pair and fiber optic equipment, videowall processors, video signal processors, AV streaming products, classroom sound field systems, and high resolution cable.

In the Education zone, Extron demonstrates its streaming and lecture capture solution with live annotation based around the SMP 351 streaming media processor + DTP Crosspoint 84 IPCP SA with the Annotator 300 and the new streaming decoder SMD 202. This is a complete integrated AV solution with lectures available not only locally in the classroom but also in remote locations – such as overflow classrooms – or even at the student's home. Live annotations over any content type (live video or PowerPoint presentation) can be used by the teacher with a simple touchscreen to enhance the lecture both locally and remotely.

In the Corporate Communications Zone, Extron demonstrates a complete AV collaboration solution for board rooms available with both wired and wireless connectivity. The solution is designed around our new ShareLink 200 wireless collaboration gateway that allows sharing content wirelessly from any device. Combined with our TeamWork wired solution Extron can provide best of both worlds: wireless for BYOD flexibility and wired for simple and secure AV connectivity.

GOOGLE

Google

www.google.com
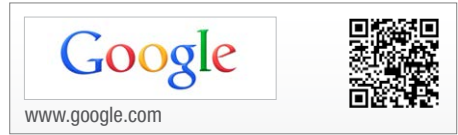
Google Chromebox is a powerful, cost effective media and web device running Google's Chrome OS.
Google provides easier device management for businesses on digital signage, devices don't need additional anti-virus software and are always up to date with the latest security fixes.
Using a Chrome device for signage, you can remotely manage apps and devices for 10 or 10,000 Chrome Devices around the world.

GREEN HIPPO

www.green-hippo.com

HARP

www.harpvisual.com
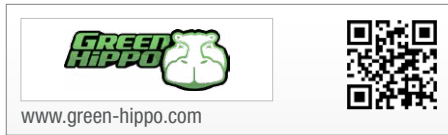
Green Hippo Ltd specialises in design & manufacture of hardware and software products for real-time manipulation of video in the live event and AV industries. Formed in 2000, the company has grown from a specialist manufacturer of bespoke solutions to one of the leading players in the ever growing field of scenic video.

We understand that users need to change and tune the way that video and imagery is displayed right up to the 11th hour. Users want to be creative without limitations and mix and match displays at will. To this end we have built into every AViary product the ability to take video playback and output mapping to new levels without compromising usability and quality.

Par4Keet is the first video player to combine class-leading video playback at 4K resolution and beyond along with true real-time media manipulation and multi-screen configurability in a robust rackmount casing. The flagship player of the AViary range can deliver media at arbitrary resolutions, untying AV professionals from the restrictions of standard aspect ratios and opening the doors on unrestricted and creative display configurations.

Harp's integrated digital signage displays are on show in standalone totem configuration within the Transport and Education zones, demonstrating the adaptability of the same solution to work in simple passenger information applications through to wayfinding applications and inevitably augmented reality solutions for digital signage.

The package includes the NEC X552S with brightness of 700 cd/m2; 1024 point touch interface which is sandwiched into laminated glass; gesture control using Kinect and D Imager products; near field communication for tag and phone connectivity; face recognition for gender/ age / facial expression recording or active interrupt and IP65 for external use. All of these features have been designed in one sleek unit that is robust enough for the both urban and commercial arenas.

HIPERWALL

www.hiperwall.com

INSTOREMEDIA

www.insm.se

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.

Instoremedia is a leading Digital Signage Solution, founded in 2000 and operating from Stockholm and London. We focus on developing our market leading content deployment platform to meet the needs of clients whose display networks range in size from small and local to enterprise wide. Our network of channel partners and resellers range from AV integrators to creative agencies and we are open to new partnerships.

The Instoremedia solution allows you to manage your estate of displays through a logical Tree structure which has no limits on its extensibility. Content can be scheduled using either traditional Playlists or with Metadata rules and keyword tagging. Compatible with all industry standard content formats including 4K and any kind of digital display, the Instoremedia solution is now also available on a range of ultra low impact Android and Raspberry Pi based Media Players.

The biggest benefit is that everything we do is forwards compatible, so if you started out with a small pilot install at one site on one screen then decided to roll out to multiple locations on multiple display types playing anything from 4K movies to dynamic templates or interactive content you would not need to change your User Interface, your server or even your chosen Media Player.

Digital Displays are increasingly being viewed in retail as a cross channel asset – something which exist in a client's bricks and mortar estate but which bridge the gap to e-commerce or data driven marketing efforts. Our solution, which has a range of APIs, makes this kind of integration easier.

INURFACE MEDIA

www.inurfacemedia.co.uk

Inurface media is a Bristol and London based digital signage company. Founded in 2008 Inurface media has grown a solid reputation in the industry for its flexible and reliable digital signage solutions; providing the hardware and software as well as giving support for the content and maintenance of the network.

Within the Retail zone, Inurface media demonstrates a customer information video wall which can dynamically display information on products in real time. This can be managed from a central location, such as head office, with limited control also delegated to local managers the store. The touch totem is displaying an interactive portal for customers to learn more about a product and be taken through to the purchase stage of the sales journey. You can find our solutions within companies such as Ralph Lauren, providing their video walls, to Heathrow supplying indoor and outdoor totems.

INTEVI

www.intevi.co.uk

Intevi Ltd is a digital media focused solutions provider. We combine internal hardware and software development capabilities with professional labour services (commissioning, training, content design) to help our channel partners implement and maintain a successful installation.

The main benefits are efficient communication with staff, speed of content distribution, replacing printed poster/medium and DVDs, incorporation with live feeds to automate the process and keep key on screen data up to date in real time, none of this is possible without an electronic notice board solution.

Using the Intevi Digital Poster central management system, we are demonstrating a electronic notice board for staff communication. This allows an organisation to send global or regionalised store information (sales figures, product updates, company info) to the display in 3 simple steps (upload, schedule, distribute.) The company specific information can then be interspersed with live data such as sales data, local tube/traffic, weather, news, twitter and more.

The Intevi solution utilises existing infrastructure and is simple to manage and implement. The video on demand side of the solution means the user doesn't have to look at managing DVD's, posters or other traditional /less efficient mediums.

MATROX

www.matrox.com/graphics

MOOH MEDIA

www.mooh-media.com

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.

Matrox offers a wide range of high-quality products for integrators & equipment manufacturers to capture, process, distribute, display, record & manage AV. Backed by in-house design expertise & dedicated customer support, Matrox hardware includes versatile video wall products and innovative, award-winning H.264 encoders and decoders for high-quality, low-bit-rate, and low-cost AV-over-IP.

Matrox Mura MPX Series capture and display boards feature flexible inputs and high-quality outputs allowing AV integrators, system builders and equipment manufacturers to easily and cost-effectively build high-density video wall controller systems supporting custom video walls with up to 56 inputs and outputs for use in a wide variety of environments and applications such as command & control, corporate conference rooms, and digital signage.

Matrox Maevex 5100 Series H.264 encoders and decoders deliver exceptional-quality AV streaming at low bandwidth over standard IP networks for display or for storage anywhere on the LAN. Maevex encoders can be combined with Maevex decoders or a third-party software decoder to stream up to Full HD AV content to displays and projectors for digital signage.

MOOH is a WiFi advertising specialist dedicated to creating valuable opportunities for brands to engage with highly desirable audiences in targeted environments over WiFi. MOOH is part of the Limited Space Media Group.

At the NEC Showcase, MOOH is highlighting opportunities in WiFi technology and demonstrating why it is unique in the media landscape. MOOH will be exploring the state of the WiFi market and user attitudes, highlighting opportunities for monetisation and looking at benefits for retailers and consumers.

NEC

ONELAN

www.onelan.com

PARITY

www.parityaviation.com

ONELAN develops network appliances for standalone and end-to-end Digital Signage network solutions. ONELAN's NTBs are now installed in a wide variety of organisations across the world in markets including retail, schools, hospitals as well as corporates such as TalkTalk, the Financial Times and Virgin.

The ONELAN Net-Top-Box is a multimedia, multi-zoned solution capable of Touch Interactivity. With a browser based user interface, the system is fully multi-lingual and capable of displaying both stored media and live media e.g. RSS feeds, web pages and broadcast TV or locally streamed video. Further members of the product family cater for Enterprise network management and integration with external data sources.

Parity has been established since 1989 having a long and successful history of integrating and developing bespoke technology solutions for its customers. From its humble beginnings Parity now has an expansive headquarters on the Wirral to service its UK, Ireland and International customers.

The Mobile Display Unit has an electronically adjustable screen and an operating window of more than 30 hours – covering a full day's operation if required. Bluetooth connectivity to an Android app allows the system to be unlocked and moved around a large airport terminal, delivering an effective, targeted passenger messaging service where needed.

The MDU incorporates an NEC P553 display with an embedded OPS computer and uses Wi-Fi to receive content. Features such as a remote interface to establish key information, such as the battery level, temperature and location of each MDU are also available.

The MDU can be used to provide passengers with information in the event of Winter Disruption, other unforeseen events or temporary circumstances. It can be taken to the desired location, locked in position and the height of the display set by the operator. Whilst flight information can be supplied remotely over WiFi allowing the MDU to be up and running in next to no time.

PEERLESS AV

www.peerless-av.com

Peerless-AV is a leading designer and manufacturer of audio visual solutions. The company's award-winning mounts and solutions range from innovative video wall mounts, trolleys & stands and individual display mounts to more specialist products such as menuboard mounts and customisable kiosks. All Peerless-AV solutions are designed with the installer and integrator in mind to be versatile, adaptable and packed with features to ensure ease of installation and servicing.

Peerless-AV mobile video wall trolleys are a versatile solution to create an eye-catching backdrop for exhibitions or presentations, and for stunning advertising or promotional displays. The Twin Pole Modular Series is a versatile component range that can be combined to fulfill multiple requirements, from a single celling mounted display to an unlimited floor-to-ceiling video wall array. Peerless-AV kiosks are ideal to complement new interactive technology and are a perfect fit for a wide range of applications from corporate and transportation to leisure and retail. Individual display trolleys are a great solution for versatile use in unlimited locations. Quick-release video wall mounts open up new and exciting opportunities for display placement and accessibility.

PIXEL INSPIRATION

www.pixelinspiration.co.uk

Pixel Inspiration is a full service digital media agency focussed on the retail sector with clients including Argos, Harvey Nichols, Links of London, Flight Centre, Tesco Bank, Sainsbury's Bank, Screwfix, Thomas Cook and Holland & Barret. Established for over 10 years and working with a variety of software and hardware platforms, we provide highly integrated and creative solutions to bring theatre and digital touch points into the store environment.

Our solution demonstrates the utilisation of digital technologies as the centrepiece of a store environment and exhibits how integration between various platforms can produce a cohesive, exciting and attractive in-store environment, which remains centrally controlled, managed and integrated with online channels, whilst providing local staff with day-to-day operational input.
Come and take the GNC challenge and see how you compare against your partners and rivals. There's a free, healthy, treat for everyone who takes part!

The benefits of an integrated digital solution to a retailer are significant and varied. The theatre created provides a reason to visit and dwell in the store, whilst the use of digital media can assist customer journeys, produce significant sales uplift and allow staff to focus on customer service. Point of sale logistics are also streamlined with central control and visibility and, implemented correctly, there can be commercial synergies created through the sharing of content between online and in-store channels.

PRO DISPLAY

PRODISPLAY®
www.prodisplay.com

RMG NETWORKS

RMG NETWORKS
INTELLIGENT VISUAL COMMUNICATIONS, DELIVERED.
www.rmgnetworks.com

Pro Display is an award winning British manufacturer specialising in innovative display solutions. Established over 10 years ago, our unique range of products has been specified on projects for some of the world's leading brands.

SunScreen. An 80" sun-readable front projection screen that must be seen to be believed. A unique light-rejecting optical filter is layered over a high definition reflective projection surface, delivering outstanding contrast and colour even in direct sunlight.

Interactive Digital Glass. An 80" toughened glass rear projection screen teamed with our intouch infrared multi-touch frames. Digital Glass takes large format interactive displays to a whole new level, with single screen sizes available up to 6m x 2.4m and 10-point multi-touch technology.

Pro Diffusion ST. A 3m x 2m special hand-cast acrylic optical screen for ultra-short throw rear projection, delivering even, rich high definition images without drop off or hot-spotting. This Pro Diffusion ST screen will be used as a projected ceiling in 'The Cube', a show-stopping installation at the NEC Showcase – so, eyes up!

Mirrorvision. A 70" highly-reflective mirror glass surface that cleverly hides an HD LCD screen. When the screen is turned off the surface looks like a normal mirror; switch on and the image appears as if by magic through the looking glass.

RMG Networks is a Global Provider of Intelligent Visual Solutions helping brands and organizations communicate more effectively using location-based video networks. The company connects brands with target audiences using video advertising networks comprised of over 200,000 display screens reaching over 100 million consumers each month. The company also builds enterprise video networks that empower organizations to visualize critical data to better run their business.

Our Intelligent Contact Center - seamlessly integrates with your systems to deliver real-time information when and where you need it.

Visual Internal Communications - gives one central control point for dynamic global communications. Recognize, reward, and train employees—and inform and entertain visitors—with high-visibility digital signage.

Visual Supply Chain - Improve processes and maximize employee productivity with our real-time performance management solution. Easy-to-read displays engage and motivate workers, while mobile data alerts keep managers informed.

Intelligent Digital Signage from communicating with staff to engaging visitors in waiting areas to enhancing the retail shopper experience, Intelligent Digital Signage solutions dynamically deliver messaging that captures your audience's attention.

SCALA
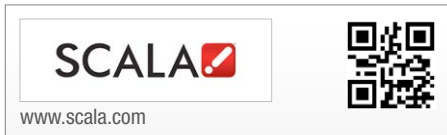
SCALA☑
www.scala.com

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 best-of-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. For more information, visit: www.scala.com or their blog. Connect with Scala via Twitter and Facebook.

SMARTSIGN

Smartsign™
YOUR CONTENT ON ANY DEVICE
www.smartsign.se/en/nec

Smartsign was founded in 1998 and we develop and sell software for digital signage. Our solution is used for both external and internal communication. Smartsign Display Manager is a completely packaged product used by more than 1700 customers in over 30 countries.

Our user friendly interface and compatibility with all kinds of file formats makes the everyday usage of Smartsign really efficient. The possibility to use folder sync, and thereby allowing users to update the content on their screens even without using our Publisher makes Digital Signage as easy as drag and drop.

SMS

www.smartmediasolutions.se

STAND APART

www.standapart.co.uk

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. All products are designed to meet clear user-defined needs and environments: education, office and conference, retail and display, events and shows, media, hotel, public spaces and home use. All of our products display common advantages: simple mounting and use, flexibility, interactivity and integration with technology and furnishings. Right from the start in the 1970s, SMS products have stood for Scandinavian design, unique functionality and high quality.

SMS Totem Casing is a unique product for indoor digital signage purposes in retail environment and public spaces such as airports and railway stations. Let us make your casing unique to fit your brand or support your business concept.

SMS Media Cabinet Indoor Totem is for 70inch displays mounted back to back. This enclosure is for indoor digital signage and is as secure as it is attractive. It's manufactured to order and includes unbreakable Hammerglass as standard.

Standapart is the sole UK distribution partner to Videofonika, a company based in Poland that specialise in the design and manufacture of touch screen solutions. At Showcase we are demonstrating the @Table, a 42" interactive touch table designed and manufactured by Videofonika incorporating an NEC V423 display.

@Table is an interactive multi-media touch table that delivers a truly inspirational multi-touch experience. @Table consists of a lightweight aluminium and stainless steel frame with a flush, tempered glass top and is equipped with a high quality 42" Full HD LED monitor, compact PC and the latest Pro-Cap multi-touch technology (capable of responding to 40 simultaneous points of touch), all seamlessly integrated together to great effect. @Table is the perfect device for a wide range of applications including digital signage, virtual concierge, Point of Information, Point of Sale, way finding and product presentations. It's sleek, contemporary and lightweight design helps it blend seamlessly into any environment including reception areas, lobbies, retail stores, training rooms, conference and meeting rooms, waiting rooms, museums and public display areas.

STARLEAF

www.starleaf.com
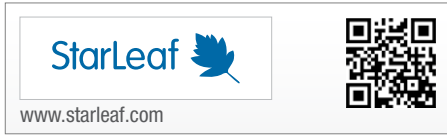
StarLeaf brings people together through the power of video conferencing and calling. With a global footprint, StarLeaf is a service provider and manufacturer with both video conferencing services and a comprehensive range of video endpoints for meeting rooms, desktops and mobility.

StarLeaf is the home of video conferencing and calling that just works. Alongside its cloud video conferencing services and video systems for rooms, desktops and mobile devices, StarLeaf also offers the GTm 5220, an innovative meeting room system for Skype For Business, and a next generation session border controller, the SBC 6350, for total interoperability.

TRIPLEPLAY

www.tripleplay-services.com

Tripleplay is one of the world's leading manufacturer/ developers of digital media software solutions incorporating digital signage, IPTV, lecture capture, content management, video streaming and VOD. The company has regional headquarters based in London, Singapore, Sydney, Boston and Barcelona and representatives and partners in many countries round the world. Its solutions have been implemented by a variety of organisations including professional sports stadiums, global banking and corporate headquarters, universities, hospitals, mine camps and hotels.

Tripleplay's solution is a modular server based head end allowing integrators and end users to choose which solutions they require initially, adding end points and extra features as and when they need them. The solution is a complete AV/IT technology, integrating into security protocols, Microsoft Sharepoint and Lync, VLEs, EPOS systems, PMS and a variety of other sector specific technologies. Our digital signage, IPTV and video streaming solution can deliver any content to any device including STB, PC, Laptop, Tablet, Mobile Phone or Smart TV.

Because Tripleplay's many solutions are all delivered via the same head end server, it's an incredibly easy solution to deploy; with no integration work required to enable IPTV onto its digital signage platform for example. The software platform is also hardware agnostic, meaning content can be delivered to the standards based hardware of choice for the integrator and end user. Its modular nature and flexible licensing model also means that the solution can grow as the end user's need grows and changes.

UNICOL

www.unicol.com

UNICOL has recently celebrated 50 years of British innovation supporting the AV industry and is regarded as the UK industry standard for mounting solutions. With a comprehensive and increased range of exciting products the company's factory, based at Oxford, boasts state of the art manufacturing facilities. UNICOL's work ranges from the design and manufacture of standard screen and projector mounting products to special and custom made items. From Airports to High Street Retail Outlets, from City brokers to schools, Unicol Special Products Division has been designing mounting solutions for some of the most complex AV projects in the UK and overseas.

U-TOUCH

www.u-touch.co.uk

U-Touch is one of the world's leading specialists in touch screen technology. Over the last 16 years, we have been designing and creating ground breaking Touch technology for our Clients across the globe. We have a broad and diverse portfolio of products and product solutions, and are constantly striving to bring the latest technology and solutions at the best prices. With offices in the UK, USA, and Poland, we are able to cater for, and provide the best service wherever you are in the world.

SyncTable is the ultimate interactive tool for a myriad of applications, enhancing business meetings, events and hotel lobbies. U-Touch uses the best performing capacitive touch combined with professional grade 24/7 displays allowing multiple touch points simultaneously for multiple user collaboration. The U-Touch SyncTable is a tool for expanding business communications and relations, enhancing presentations and sales pitches. Interactive large format touchscreens such as the latest 4K 84" display from NEC are an effective means of grabbing consumer attention, delivering high impact, high quality content. Using the latest ShadowSense touch technology, this ultra-high resolution benefits advertisers and retailers seeking to promote products and services in a more innovative and measured fashion, whilst offering the consumer a life like interactive experience.

ZEEVEE

www.zeevee.com

ZeeVee is a leading global manufacturer of digital video and signal distribution products for commercial applications. Our technology enables broadcast to an unlimited number of displays over the most standard infrastructure, including coax and fibre optic cable with support for resolutions up to 4K. ZeeVee's commitment to producing scalable, cost-effective systems with an intuitive platform benefits installers in all market verticals for new builds and complex retrofit applications. Founded in 2007, ZeeVee products have been deployed in thousands of installations and are available through a world-wide partner network.

Solutions Over Coax
ZeeVee's digital encoder / modulators convert video sources into digital TV channels allowing for the creation of an in house cable network that, if required, can be combined with existing channels (such as freeview) Requiring no complex matrix switch designs, the range of RF based products enable ease of installation and set up as well as distribution over unlimited distances to an unlimited number of displays.

Solutions Over 10G-IP
The ZyPer4K™ family allows for the distribution and switching of uncompressed 4Kvideo, audio, and control utilizing industry standard, off-the-shelf 10Gb Ethernet switches . The technology supports video wall, multi-view, fast seamless switching and genlock mode (effectively zero latency). Ultra scalable and ultra flexible, ZyPer4K gives significant cost savings, increased flexibility and scalability versus conventional proprietary matrix switch designs.

CONTACT US:

NEC Display Solutions (UK) Ltd
Athene, Odyssey Business Park
South Ruislip, Middlesex HA4 6QE
Phone: +44 (0) 870 120 1160

www.nec-display-solutions.co.uk

Peter Adams
Healthcare Sales
Mobile: +44(0) 7720 415831
Email: peter.adams@EMEA.NEC.com

Jason Bacon
Corporate Sales
Mobile: +44(0) 7836 248403
Email: jason.bacon@EMEA.NEC.com

Jonathan Cooper
Business Development Consultant
Mobile 1: +44 (0) 7720 415868
Mobile 2: +44 (0) 787 933 9166
Email: jonathan.cooper@nec-displays.com

Steven Cotton
Colour & Media Sales Specialist
Mobile: +44 (0) 7736 891453
Email: steven.cotton@EMEA.NEC.com

Russell Davis
Corporate Sales Director
Mobile: +44 (0) 7500 918169
Email: russell.davis@EMEA.NEC.com

Jon Garaway
Education Sales
Mobile: +44(0) 7740 735375
Email: jon.garaway@EMEA.NEC.com

Gareth Gray
Energy Sector Sales
Mobile: +44(0) 7764 958261
Email: gareth.gray@EMEA.NEC.COM

Neil Hartigan
Channel Director
Mobile: +44 (0) 7736 890969
Email: neil.hartigan@EMEA.NEC.com

Mark Kendall
Digital Cinema Sales
Mobile: +44 (0) 7736 890959
Email: mark.kendall@EMEA.NEC.com

Tim Oliver
Public Sector Sales
Mobile: +44 (0) 7836 239236
Email: tim.oliver@EMEA.NEC.com

Guy Phelps
Retail Sales
Mobile: +44(0) 7736 890858
Email: guy.phelps@EMEA.NEC.COM

Gill Slater
Marketing Co-ordinator
Mobile: +44 (0) 7768 105116
Email: gill.slater@EMEA.NEC.com

Megan Sweeting
Press Enquiries
Mobile: +44 (0) 7860 927103
Email : megan.sweeting@EMEA.NEC.com

Richard Wilks
Aviation Business Development Manager
Mobile: +44 (0) 7885 665156
Email : richard.wilks@EMEA.NEC.com

www.showcase-nec.com

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