DISCOVER A WORLD
OF SIGNAGE INNOVATION IN 2018

Techno Sticks Its NEC Out!

Global technology giant displays prolific solutions across dramatic scenes in London

We can exclusively reveal that NEC is touching lives across the world. Amid dramatic scenes in London today, every aspect of our daily lives has been captured, revealing that NEC display technology is behind the filming and the results, which are in the can, are playing back for us today.

It can only be NEC behind this allegation, evidence has been put forward suggesting that NEC is the only tech organisation dealing in ALL major display offerings, with LCD, laser and even LED solutions now widely available on the market.

119 year old NEC has established quite a reputation for high quality solutions yet users have reported experiencing a remarkably low TCO.

As the drama unfolds, we will bring you the latest developments as you commute, meet, dine, shop, work and go out & about in your daily lives..

PICTURE CAPTION: *Cross Track digital advertising channel is currently entertaining passengers across the London Underground network. In a challenging environment, NEC's projection solution provides leading brands the opportunity to reach millions of people every day.*

Ian Gobey Takes The Helm

Ex Middle East boss brought in to lead NEC UK to greater success

New NEC frontman, Ian Gobey, relishes the opportunity to meet many of the organisation's partners and customers for the first time at Showcase today.

Talking about the challenges ahead, Gobey states: 'going forward, our priority as a business is to ensure that NEC remains steadfast in delivering the blend of quality, performance and value on which we have built our reputation.'

It is clear that NEC's successful evolution as a provider of Total Display Solutions is based upon its trusted partnerships. Gobey reflects on this: 'we are grateful to our partners, without whom Showcase would not be the exceptional event that it has become over the last 10 years.'

Join the Party
10 Years of Showcase!

Back in 2008, when the very first Showcase took place at Pinewood Studios, NEC recognised the need for a collaborative show, a way of demonstrating its successful partnerships. This was an entirely unique approach, one which has proven to be of great value to the industry. 10 years on and the company's principles remain unchanged, yet each year is entirely different! The latest technology, exciting innovation, fresh experiences and an excellent opportunity to learn, be inspired, meet, discuss and network with so many industry stakeholders – no better reason needed to celebrate!

Join the AV Magazine drinks party at 5pm on Wednesday 16th May immediately after Showcase closes. Thursday will see the celebrations continue with AVIXA at 4.30pm in the Fields Bar and Kitchen in Lincoln's Inn Fields.

Knowledge is Power – Industry conference a Hit!

Leading industry spokespeople are convinced that greater awareness of technology trends will lead to a competitive advantage. The latest research suggests that experience and knowledge go hand in hand to ensure the best business outcomes. Coinciding with this announcement is a series of panel discussions hosted by key industry influencers. Owen Ellis of the AV User Group discusses 'adopting new technologies and how to invest with confidence' at 11am on Wednesday followed by AV Magazine Editor, Clive Couldwell, who will lead thoughts on LED and how it's becoming an increasingly compelling medium.

Gary Kayye of rAVe Publications speaks openly about the future of projection, claiming that 'rumours of the demise of the projector have been greatly exaggerated.' Readers can hear more of what Kayye has to say on collaboration and projection at 11am and 3pm on Thursday.

SHIPPING NOW: InfinityBoard, NEC's all-in-one collaboration solution hits the market!

Coming to a meeting room near you - InfinityBoard is proving to be a compelling resource. With interactive whiteboard canvas alongside superb built-in camera and high quality audio, corporations are raving about its potential to save costs and boost productivity. 'Its open architecture means it's so easy to integrate into our existing systems,' said a leading blue-chip company. Find out more about InfinityBoard at Showcase today.

Industry Celeb Spotted At Showcase

Neil Hartigan

Neil Hartigan began his career as a footballer with Oxford United in the early seventies.

Ex footballing legend, Neil Hartigan, joined the AV industry in 1990 and, despite claims to the contrary, has never left.

Spotted by visitors to Showcase today, Hartigan was allegedly disguised as a TfL ticket officer but later joined party revellers as he relaxes into his purported retirement.

Hartigan told reporters: 'I'm still here and delighted to be amongst industry friends!'

REVEALED: 'Latest collab drop!'

As leading solutions providers gather at Showcase today to demonstrate their best-in-class products, we can reveal that it is through partnership and collaboration that NEC keeps delivering its world-class solutions.

The success is mutual, Paul Dawes of Peerless-AV who has been NEC's exclusive mounts partner at Showcase for the last few years said: 'Every year the team are successful in delivering a bigger, better and more engaging exhibition and we are proud to be involved in such an exceptional effort.'

LONDON 2018 · LIVE

NEC SHOWCASE

Impressions 24:7

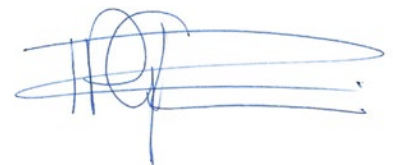Signage innovation for an
'available now' world

WELCOME

This year marks the 10th anniversary of the NEC Solutions Showcase! Whilst this is the first year of my personal involvement, I am struck by the commitment and dedication shown by the NEC team in driving each year to be the one to remember. It is the remarkable strength of our industry partnerships which sees Showcase continuing to thrive as a unique platform for innovation. We are very grateful to our partners, without whom Showcase would not be the exceptional event that it has evolved into over the years.

I am extremely proud to be joining the UK team as general manager. Going forward our priority as a business is to ensure that NEC remains steadfast in delivering the blend of quality, performance and value on which we have built our reputation.

Showcase is a very social event and I relish the opportunity to meet many of our partners and customers for the first time here today.

Ian Gobey, General Manager UK
NEC Display Solutions

4 - 7:30 P.M. ○ **Fields Bar & Kitchen, Lincoln's Inn Fields, London** ○ **WC2A 3LJ**

PIZZA AND A PINT

THURSDAY○17 MAY 2018

AVIXA invites you for pizza & drinks at Fields Bar & Kitchen, just a short walk from the NEC Showcase.

To RSVP, contact Ben Barnard, bbarnard@avixa.org

LONDON 2018 **LIVE**
NEC SHOWCASE

AVIXA

floor plan

Tube Station
ER1
C1
C2
C3

Chill out zone
VR1

Commute
C7
C5
C6
C4

Grab 'n' Go
GG1
GG5
GG2
GG3
GG4

MM12
MM11
MM10
MM13

Meet
MM1
MM4
MM2
MM5
MM3
MM6
MM9
MM8
MM7

Dine
D1
S1
D3
D2

Shop
S7
S2
S8
S6
S5
S4
S3

Work
W2
W1
W3
W7
W4
W6
W5

Out 'n' About
OA1
OA2
OA3

Learn
L1

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	Learn	29

@NEC_Display_UK

#NECShowcase

Wi-Fi details:

Username: **necshowcase2018**

Password: **necshowcase2018**

agenda

Wednesday 16th May

9:00	Showcase opens
10:00	Guided tour
11:00-13:00	Lunch
12:00 & 14:00	Guided tours
17:00	Showcase closes
17:00 - 20:00	AV Magazine hosted drinks at Showcase venue

Thursday 17th May

9:00	Showcase opens
10:00	Guided tour
11:00 - 13:00	Lunch
12:00 & 14:00	Guided tours
16:30	Showcase closes
16:30 - 19:30	AVIXA hosted Drinks, Fields Bar and Kitchen, Lincoln's Inn Fields, WC2A 3LI

conferences

Wednesday 16th May

11:00 - 12:00	Panel discussion Owen Ellis, AV User Group	Adopting new technologies, how to invest with confidence
15:00 - 16:00	Panel discussion Clive Couldwell, AV Magazine	Demystifying LED, an increasingly compelling digital medium

Thursday 17th May

11:00 - 12:00	Conference Gary Kayye, rAVe Publications	The emergence of the collaboration board in huddle spaces
15:00 - 16:00	Conference Gary Kayye, rAVe Publications	Rumours of the demise of the projector have been greatly exaggerated: The Future of Projection

entrance signage

Welcome to your day in digital. As you make your way around Showcase today, you will be taken on a journey, a time-line of a typical day. Experience how your daily interactions are enhanced through technology, increasing your engagement.

ENTRANCE SIGNAGE

ER1 **HIGH BRIGHT SIGNAGE |** Peerless-AV

With a brightness level of up to 2,700 cd/m², NEC's High Bright displays deliver welcoming content clearly visible even in the brightest sunlit conditions.

- 2 x NEC 47" X474HB High Bright displays with OPS slot-in PCs
- Peerless-AV SmartMount flat-to-wall mounts

8.15 commute

Experience the sights and sounds of the underground as you make your way to work. Our holographic station conductor welcomes you as you swipe your entry ticket at the turnstiles and make your way down to the platform.

C1   UNDERGROUND ENTRANCE SIGNAGE | FUTURESoftware, Peerless-AV

Powered by Raspberry Pi, passengers entering the underground are kept informed of the tube network service status in real-time. A highly cost-effective solution for transport operators to manage live feeds helping to ease passenger anxiety and keep the network running smoothly.

- FUTURESoftware data-driven digital signage solution
- NEC 55" V554-RPi display with NEC Edition Raspberry Pi 3 Compute Module
- Peerless-AV SmartMount flat-to-wall mounts

Raspberry Pi

C2   INTERACTIVE 3D HOLOGRAPHIC TELEPRESENCE | Musion 3D, Extron

Powerful laser projection means the holographic presenter is visible even in areas of high ambient light. A live feed from the recording room supports audience interaction creating an intriguing solution for reception areas, retail and transport environments. Does the station conductor look familiar to you?!

- Musion EyeCandy 3D telepresence solution
- NEC PX602UL laser projector with NP33ZL lens
- Extron SMP 300 Series streaming media processor

C3   STAIRWELL: DIGITAL SIGNAGE | Peerless-AV, Tripleplay

The story unfolds, boy meets girl - their eyes meet across a crowded platform . . . follow the journey of their day as you progress through Showcase.

- Tripleplay digital signage and video streaming platform
- NEC 75" V754Q UHD display with Core i7 OPS slot-in PC
- NEC 55" UN551S display
- Peerless-AV SmartMount flat-to-wall mounts

C4   TUBE PLATFORM: DIGITAL SIGNAGE | Peerless-AV, Tripleplay

Enjoy dynamic branded Showcase content and directional signage.

- Tripleplay digital signage and video streaming platform
- NEC 70" P703 display
- Peerless-AV SmartMount flat-to-wall mounts

C5   CROSS TRACK PROJECTION | Peerless-AV, Tripleplay

Enjoy the recreation of Exterion Media's DX3 Cross Track digital advertising channel which is currently entertaining passengers across the London Underground network. In a challenging environment, NEC's laser projection provides leading brands the opportunity to reach millions of people every day.

- Tripleplay digital signage and video streaming platform
- NEC PX1004UL laser projector with NP17ZL lens
- Peerless-AV SmartMount flat-to-wall mounts

C6 LED DIGITAL POSTER

The free-standing, portable poster creates a fine-pitch, high bright digital surface which can be moved to any location to provide instant messaging. For passenger information or POS promotion, content is viewable at short distances yet attracts attention from afar.

- NEC 1.9mm LED SiGN Digital Poster

C7 TRANSPORT COMMAND AND CONTROL | DAS, DEXON, Intevi, Peerless-AV

Smooth operation and passenger security is of the highest priority within transport networks. The simulated TfL command and control centre receives multiple data sources with the operator able to access instant information to maintain smooth running of the underground network and to immediately react should an incident occur.

- Intevi IPTV and digital signage system
- DEXON DXN5000 series video wall controller
- DAS OPTIMA 1600 command & control console
- 12 x NEC 46" X464UNS-2 video wall displays with HDBaseT receivers
- 2 x NEC 34" EX341R curved desktop displays
- Peerless-AV full service video wall mounts

8.45 grab 'n' go

Time to grab a coffee and the daily newspaper as you make your way to your first meeting of the day!

GG1 DIGITAL MENU BOARDS | Peerless-AV, Tripleplay

Digital menu boards assist customers to quickly choose from the displayed menu; the coffee shop scenario enables rapid customer throughput as fast as the baristas can deliver their selection.

- Tripleplay digital signage and video streaming platform
- 3 x NEC 48" V484 displays
- Peerless-AV SmartMount flat-to-wall mounts

GG2 DIGITAL NEWS STAND | Tripleplay

Not your traditional news stand, passers-by are attracted by the dynamic content. Grab your copy of the Showcase Daily!

- Tripleplay digital signage and video streaming platform
- NEC 40" P404 display

GG3 MOBILE MEETING ROOM BOOKING SYSTEM | Peerless-AV, StarLeaf

Even when you're out and about, you can arrange your next meeting. Use the app to begin messaging, meeting, calling and video conferencing within the secure yet mobile platform.

- StarLeaf meeting and collaboration app
- NEC 32" V323-2 display
- NEC 22" E224Wi desktop display

GG4 BUS STOP ADVERTISING | Datapath, FUTURESoftware, Peerless-AV, Tripleplay

Passing by or waiting for the bus, powerful content and interactive opportunities enable big brands to reach out to and engage with audiences, around the clock. Live feeds deliver real-time status on the bus network yet passengers barely notice the wait for the next bus.

- FUTURESoftware DigiSHOW digital signage & custom software
- Tripleplay digital signage and video streaming platform
- 5 x NEC 80" P801 displays
- 1 x NEC 48" V484 display
- NEC 29" EA295WMi desktop display
- Datapath FX4 Quant video wall controller
- Peerless-AV SmartMount flat-to-wall mounts

GG5 CONTROL ROOM | DAS, Datapath, Peerless-AV

The stunning video wall configuration delivers an extraordinary visual experience. Live camera feeds and data reporting provide much of the content in this command and control scenario where image and video uniformity is paramount.

- Datapath FX4 Quant video wall controller
- 12 x NEC 55" UN551S video wall displays
- 2 x NEC 27" PA271Q UHD desktop displays
- DAS OPTIMA 1600 control console
- Peerless-AV full service video wall mounts

9.00 meet

It's your first appointment of the day. LED signage welcomes you at reception as you make your way to the huddle spaces. Collaborative tools and video conferencing facilities ensure a productive meeting and an impressive client presentation in the boardroom.

MM1 CORPORATE SECURITY CONTROL CENTRE | DAS, Hiperwall, Peerless-AV

Where reliability and performance are critical, this corporate security scenario demonstrates vivid clarity and precise control. 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 processing
- DAS APTIOM 1200 command & control console
- NEC 86" V864Q UHD display
- 4 x NEC 40" V404 displays
- 6 x NEC 24" EX241UN desktop displays
- NEC 27" EA275UHD Ultra High Definition desktop display
- Peerless-AV SmartMount flat-to-wall mounts

MM2 HIGH BRIGHT SIGNAGE | Peerless-AV, Tripleplay

High bright displays deliver eye-catching content highly visible in areas of high ambient light yet with minimal distracting reflections.

- Tripleplay digital signage and video streaming platform
- NEC 75" X754HB High Bright display
- Peerless-AV SmartMount flat-to-wall mounts

MM3 LED RECEPTION SIGNAGE | Exterity, Peerless-AV

The centrally managed IPTV solution enables the distribution of live TV and video around corporate spaces, seamlessly integrated with digital signage. Fine pitch dvLED delivers high impact messaging to impress visitors in brightly lit prestige corporate reception areas.

- Exterity IP video and digital signage solution
- NEC 1.2mm pixel LED LiFT-L012Si (indoor) in a 4 x 4 module configuration (1920x1080)
- 2 x NEC 55" X551UHD UHD displays
- NEC 24" EA245WMi desktop display
- Peerless-AV SmartMount flat-to-wall mounts

MM4 BOARDROOM | Dalen, Revolabs (part of Yamaha UC), Peerless-AV, StarLeaf

The boardroom scenario demonstrates how teams can effectively collaborate even across geographical barriers. Call, message or connect via video conferencing, the collaboration app provides access to a secure and scalable platform enabling quick and easy to use communication channels for business.

- StarLeaf video conferencing system
- Dalen Synergy 6-seat HA Blade boardroom desk
- Revolabs wireless microphone system
- 2 x NEC 55" UN551S displays
- NEC 86" V864Q UHD display
- Peerless-AV SmartMount flat-to-wall mounts

MM5   CORPORATE COMMUNICATIONS | Onelan, Peerless-AV

Demonstrating how the new NEC CherryTrail Atom OPS media player offers cost-effective digital signage, this affordable solution presents simple corporate signage with an intuitive interface to change content.

- Onelan enterprise CMS software
- NEC 65" V652 display
- NEC 55" V554 display
- NEC 55" P554SST ShadowSense touch display
- Peerless-AV SmartMount flat-to-wall mounts

NEC
Cherry Trail Atom
OPS MEDIA PLAYER

MM6   CENTRALISED ASSET MANAGEMENT | Dalen

The NEC NaViSet Administrator 2 remote management and control software enables multi-device installations to be managed centrally. Corporate IT departments can more efficiently utilise their already stretched resources, anticipating maintenance requirements and reducing downtime.

- NEC 40" V404 display with NaViSet Administrator 2 remote management and control software
- Dalen 3-seat huddle furniture

NaViSet
Administrator 2

MM7   AV OVER IP | Peerless-AV, ZeeVee

The 4K video over IP solution delivers uncompressed UHD content for close proximity, 'pixel-free' visualisation of corporate signage. Content is managed centrally and remotely using the touch table as an alternative to a mouse and keyboard.

- ZeeVee ZyPer4K Video over IP solution
- NEC 55" X551UHD Ultra High Definition display
- NEC 55" X551UHD-IGT InGlass™ touch display
- Peerless-AV SmartMount flat-to-wall mounts

MM8   UNIFIED COMMUNICATIONS | Huddly, Phoenix Audio, Quicklaunch, Urben, Zoom

Positioning NEC's InfinityBoard at the heart of effective unified communications, this stylishly modern corporate meeting space provides hassle-free access to collaboration and video conferencing. Benefit from one touch access to open meetings based on Skype for Business, Google Hangouts, Zoom, or whatever your preferred meeting platform. Communicate across time zones to your working-self in the Work zone (W2).

- NEC 65" InfinityBoard all-in-one collaboration solution
- Urben workspace solutions - next generation collaborative workplace environments
- Zoom video conferencing solution
- Quicklaunch 3.0 meeting app
- Huddly GO intelligent collaboration camera
- Phoenix Audio microphone array

NEC Infinity Board

MM9   COLLABORATION ZONE | DisplayNote, Huddly, Peerless-AV

Demonstrating peer-to-peer video communication and collaboration, this meeting space scenario presents the simple-to-use Mosaic collaboration software on the InfinityBoard. NEC's new CherryTrail Atom provides a low cost processing solution.

- NEC 65" InfinityBoard all-in-one collaboration solution
- NEC 70" P703-SST ShadowSense touch display with OPS slot-in PC and InfinityBar
- NEC 40" V404-T infrared touch display with InfinityBar and Atom Box Cherry Trail processor and InfinityBar
- DisplayNote Mosaic software
- Huddly GO intelligent collaboration camera
- Peerless-AV SmartMount flat-to-wall mounts

NEC
Cherry Trail Atom
OPS MEDIA PLAYER

NEC Infinity Board

NEC's ShadowSense technology provides high performance multi-touch capabilities. Enjoy one finger control over cross platform connectivity in this simple and effective collaboration scenario.

- FUTURESoftware COLL.IN cross platform collaborative interactive solution
- NEC 98" X981UHD-2 SST UHD ShadowSense touch display
- NEC 24" EA245WMi desktop display
- Peerless-AV SmartMount flat-to-wall mounts

MM11 **VIDEO CONFERENCING SYSTEM |** Dalen, Revolabs (part of Yamaha UC)

The all-in-one video sound collaboration system is designed to equip huddle spaces with superior sound, video and screen sharing capability through a single USB cable. Integrated remote management enables IT departments to remotely monitor and manage their huddle room installations.

- Yamaha CS-700 Video Sound Bar
- NEC 55" P554 display
- Dalen 3-seat huddle furniture

MM12 **HUDDLE SPACE |** Dalen, Huddly, MIMO Monitors, Quicklaunch

A working example of how technology should enable, not complicate; this huddle space is poised to host impromptu meetings with a one touch route to a simple and secure application supporting your preferred meeting platform.

- MIMO Monitors Vue Capture capacitive touch display with HDMI capture
- NEC 75" C751Q UHD display with InfinityBar
- Dalen 3-seat huddle furniture
- Huddly GO intelligent collaboration camera
- Quicklaunch 3.0 meeting app

MM13 **IMMERSIVE COLLABORATION |** Huddly, Oblong, Peerless-AV, Phoenix Audio

By enabling the visualization and distribution of multiple inputs across multiple surfaces in a room, this collaboration solution with specialist audio capabilities helps teams to better manage and comprehend visual information to accelerate decision-making and increase engagement.

- Oblong Mezzanine 600 solution
- NEC 65" InfinityBoard all-in-one collaboration solution
- 6 x NEC 55" X554UNS video wall displays
- Huddly GO intelligent collaboration camera
- Phoenix Audio spider audio solution
- Peerless-AV SmartMount flat-to-wall mounts

NEC Infinity Board

12.00 dine

It's time to head out for a quick bite to eat. There are plenty of options to choose from on the high street. If you're in a hurry you can use the touch order kiosks, or take your time to browse the digital menus - what's the special of the day? Take a seat and catch up with colleagues, or enjoy the chance to read the newspaper.

D1 MCDONALDS QSR SOLUTION | Linney, Peerless-AV

Providing McDonalds with the flexibility to centrally control messages at a local level yet allowing individual restaurant teams a degree of control over content, the QSR digital content management solution ensures brand credentials are protected whilst delivering high customer service experiences.

- Linney integrated QSR digital content management solution
- NEC 48" V484-T infrared touch display
- 5 x NEC 48" V484 displays
- NEC 43" C431 display
- NEC 32" V323-2 display
- NEC 23" E233WMi desktop display
- Peerless-AV SmartMount flat-to-wall mounts

D2 POD QSR SOLUTION | Beaver Group, Peerless-AV

Innovatively configured in portrait orientation, Pod presents its menu offering in full motion graphics and can quickly respond to their customers' demands by controlling stock, price and nutritional information, either at the store or at head office level. By intelligently streamlining its campaign strategy, Pod is seeing a significant effect on store performance. Its lunch time, grab a bite to eat!

- Beaver Group signage.ninja software platform and integrated QSR solution
- 6 x NEC 55" P554 displays
- NEC 23" E233WMi desktop display
- Peerless-AV SmartMount flat-to-wall mounts

D3 SUSHI BAR QSR | Beaver Group, Peerless-AV

New C Series commercial displays offer a cost effective solution for QSR, the slim design seamlessly integrates into surrounding architecture to present customers with the latest menu, perfectly tailored to the time of day and seasonal selections.

- Beaver Group signage.ninja software platform and integrated QSR solution
- 2 x NEC 55" C551 displays
- Peerless-AV SmartMount flat-to-wall mounts

13.00 shop

You're well located to enjoy a wander down the high street before you return to the office. DooH totem displays attract your attention whilst High Bright signage entices you into the shops. Flagship stores engage your senses, providing interactive experiences which reduce the distinction between a brand's in-store and on-line identity.

SIGNAGE TOTEM 1 (DOUBLE SIDED) | Peerless-AV, Tripleplay

Secure within its housing, two slim line displays sit back to back to deliver dynamic digital out-of-home advertising, attracting the attention of passers-by.

- Peerless-AV outdoor signage display totem
- 2 x NEC 55" V554 displays
- Tripleplay digital signage and video streaming platform

S1 CREATIVE VIDEO WALL | SEADA

For creative video wall installations, the standalone controller supports audio plus any degree of rotation on each output for 360 degrees of creativity. Along with up-scaling and down-scaling ability, option of frame lock and bezel compensation, users are free to create digital walls which inspire and engage.

- SEADA G4K Pro creative video wall controller
- 8 x NEC 46" X464UNV-2 video wall displays

S2 IKEA DIGITAL CUSTOMER ENGAGEMENT | Baanto, Beaver Group, Peerless-AV

Designed for IKEA's rug and textiles department, the rug sizer app allows customers to visualise different rug sizes as the dimensions are projected onto the showroom floor. The touch video wall provides inspiration enabling customers to browse and configure room sets. Digitised in-store experiences enhance customer engagement and build brand loyalty.

- 6 x NEC 55" X555UNS-PG video wall displays with protective glass
- NEC Modular Touch System
- Baanto ShadowSense touch technology
- PX1004UL laser projector with NP31ZL lens
- Beaver Group signage.ninja software platform
- Peerless-AV full service video wall mounts

S3 RETAIL STORE OF THE FUTURE | Instoremedia, Peerless-AV

In the challenge to reduce costs, retailers seek more efficient ways to engage with their customers. Digital self-service solutions enable customers to interact with content through their own devices for a more tailored and informative shopping experience whilst the retailer captures audience data to streamline future content.

- Instoremedia capture and sales aid smartphone interactive technologies and touch screen order point
- 4 x NEC 46" X464UNS-2 video wall displays
- NEC 55" V554 display
- NEC 55" P554-MG mirror glass display
- 2 x NEC 27" E271N desktop display
- NEC 23" E232WMT touch desktop display
- Peerless-AV SmartMount flat-to-wall mounts

SIGNAGE TOTEM 2 | Peerless-AV, Yodeck

The cloud-based digital signage platform allows operators to design and schedule content via the internet. Powered by low cost Raspberry Pi, the eye catching totem display delivers digital out-of-home advertising.

- Peerless-AV outdoor signage display totem
- Yodeck cloud-based digital signage platform
- NEC 55" V554-RPi display with NEC Edition Raspberry Pi 3 Compute Module

Raspberry Pi

S4 RETAIL COMMAND AND CONTROL | Adder, DAS, Peerless-AV

As security becomes an increasingly important aspect of our daily lives, shopping centres are alert to potential incidents. The command and control centre receives multiple data sources to provide instant access to information ensuring consistent monitoring and immediate response should an incident occur.

- Adder IP-based KVM solutions
- DAS APTION 1200 control console
- 4 x NEC 55" X554UNV-2 video wall displays
- NEC 40" P404 display
- 3 x NEC 24" EA245WMi desktop displays
- Peerless-AV full service video wall mounts

S5 OBJECT RECOGNITION | eyefactive

Customers are enticed to interact with the touch table. Object recognition software triggers content to change as a physical object is placed on the touch screen surface, ideal for POS solutions enabling customers to find out more about their product selection.

- eyefactive large-scale professional touchscreens with object recognition
- NEC 55" X551UHD Ultra High Definition display with 3M PCAP touch technology

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S6 SMART SIGNAGE | AAEON, Peerless-AV

Assisting retailers to refine their digital signage, this in-store signage solution triggers content to change as a product is picked up. The popularity of products is closely monitored to help stores to maintain sufficient stock levels.

- AAEON embedded ultra-compact Artificial Intelligence processing card for on the edge computing
- NEC 55" E556 display
- NEC 43" C431 display
- Peerless-AV SmartMount flat-to-wall mounts

S7   RETAIL FASHION STORE | Baanto, Inurfacemedia, Peerless-AV

Touch-activated sensors on clothing trigger content to screen alongside the fling-to-screen solution, both designed to empower shoppers to find out more about their product selection. NEC ultra-narrow desktop displays present an innovative new format to inspire with creative video walls.

- Inurfacemedia digital signage solutions and captivating digital media
- NEC 55" X551UHD-IGT InGlass™ touch display
- NEC 75" P754Q UHD display
- 4 x NEC 55" X555UNS-PG video wall displays with protective glass
- NEC Modular Touch System
- Baanto ShadowSense touch technology
- NEC 75" X754HB High Bright display
- 6 x NEC 24" EX241UN desktop displays
- Peerless-AV full service video wall mounts
- Peerless-AV SmartMount flat-to-wall mounts

S8   PEERLESS-AV SWEET SHOP | Peerless-AV

Powerful content is only as effective as the location of the display medium. Prevalent throughout Showcase yet consolidated here, discover the array of mount solutions designed to securely position NEC's displays, whatever the application.

- Peerless-AV full service video wall mounts
- Peerless-AV SmartMount flat-to-wall mounts

It's easy to get distracted when your office is so close to great retail experiences, but it's time to get back to work. The meeting rooms are kitted out so you can access the expertise you need and work together on your ideas.

W1 WORKPLACE MANAGEMENT SOLUTION | DAS, Intevi, Peerless-AV

Supporting workplace efficiency and flexible working, the digital workplace management solution enables users to book meeting rooms and hot desks, manage guest sign-in services and provide interactive way-finding to help visitors find their allocated meeting room.

- Intevi sharing cloud software
- NEC 55" X551UHD UHD display
- NEC 65" X651UHD-IGT InGlass™ touch display
- NEC 55" V554-RPi display with NEC Edition Raspberry Pi 3 Compute Module
- DAS Datum desk
- Peerless-AV SmartMount flat-to-wall mounts

Raspberry Pi

W2 COLLABORATIVE WORKSPACE SOLUTIONS | Huddly, Phoenix Audio, Quicklaunch, Urben, Zoom

Whether in the same building or across time zones, this collaborative workplace solution demonstrates how easily and intuitively the InfinityBoard operates. One touch access creates meetings via your preferred meeting platform - link back to the 'Meet' zone (MM8) with video conferencing and whiteboard applications.

- NEC 65" InfinityBoard all-in-one collaboration solution
- Urben workspace solutions - next generation collaborative workplace environments
- Zoom video conferencing solution
- Quicklaunch 3.0 meeting app
- Huddly GO intelligent collaboration camera
- Phoenix Audio microphone array

NEC InfinityBoard

W3 INTERACTIVE COLLABORATION SPACE | Baanto, Peerless-AV, VUCANVAS

Present, ideate, share, annotate, browse and video conference on the dynamically configurable canvas that expands to up to 20 times the surface area of the physical touchscreen. This solution is fully compatible with any devices, content and software already in use at an organisation.

- VUCANVAS ThinkHub multi-user software application
- 2 x NEC 40" P404 displays
- 3 x NEC 55" X555UNS-PG video wall displays with integrated protective glass
- NEC Modular Touch System
- Baanto ShadowSense touch technology
- NEC 65" X651UHD-IGT InGlass™ touch display
- Peerless-AV SmartMount flat-to-wall mounts

W4 HUDDLE SPACE | Dalen, Extron

Providing the best of both wireless and wired presentation options, this corporate collaboration solution integrates switching, scaling, extension and control of the display and USB routing to share the camera and speakerphone between the integrated PC and a laptop. Monitored and managed over the network, a single button is all that's needed to power on and present.

- Extron HC 404 meeting space collaboration solution, Sharelink 250 Wireless Presentation Gateway, SMD 202 Streaming Media Player and SW2 USB Switcher
- NEC 43" C431 display
- Dalen Focus collaboration table

W5 **COMMAND AND CONTROL |** Extron, Peerless-AV

Designed for 24/7, mission-critical applications, this corporate command and control scenario presents simultaneous visualisation of high-quality, high-resolution images. Having all critical information displayed on a single canvas and at full frame rate gives operators a complete overview of all relevant information enabling them to take important decisions without any delay.

- Extron Quantum Ultra 610 Ultra-High bandwidth video wall processor
- Extron TLP Pro 1022T touch panel
- 6 x NEC 55" X555UNS video wall displays
- 2 x NEC 55" X551UHD Ultra High Definition displays
- Peerless-AV full service video wall mounts

W6 **COLLABORATIVE AUDIO SOLUTION |** Huddly, Peerless-AV, Sennheiser

With a live link to NEC and Sennheiser's stand at UC EXPO, Raspberry Pi powers this audio solution enabling users to access multichannel audio streams via a smart device.

- NEC 65" InfinityBoard all-in-one collaboration solution on balance box
- Sennheiser TeamConnect ceiling microphone
- Sennheiser TeamConnect wireless audio conference solution
- NEC 40" V404-RPi with NEC Edition Raspberry Pi 3 Compute Module
- Huddly GO intelligent collaboration camera
- Peerless-AV SmartMount flat-to-wall mounts

Raspberry Pi

NEC Infinity Board

SIGNAGE TOTEM 3 | Peerless-AV, Screenly

Full HD video is powered by a single low-cost Raspberry Pi compute module - the digital signage software generates easy to manage content displayed on the outdoor totem solution.

- Peerless-AV outdoor signage display totem
- Screenly digital signage software
- NEC 55" V554-RPi display with NEC Edition Raspberry Pi 3 Compute Module

Raspberry Pi

W7 **IDEATION WORKSPACE |** Hoylu, Huddly, Peerless-AV

Large interactive canvases enable powerful collaboration and highly scalable digital workspaces. The unlimited digital canvas supports brainstorming and ideation where workspaces can be shared between people for anytime collaboration, empowering teams to function more effectively.

- Hoylu collaboration software suite
- 2 x NEC 84" InfinityBoard all-in-one collaboration solution with OPS slot-in PCs
- 3 x NEC U321H-MT ultra-short throw projector with interactive multi-touch function
- Huddly GO intelligent collaboration camera
- Peerless-AV SmartMount flat-to-wall mounts

NEC Infinity Board

17.00 out 'n' about

After a productive day at work it's time to relax. Perhaps a little more retail therapy, or head to the cinema – it's not all about the latest movie, there's plenty to entertain you.

OA1 | **HOLOGRAPHIC TELEPRESENCE |** Extron, Musion 3D, Peerless-AV, Tripleplay

Holographic technology offers a very cost-effective way to generate excitement and engage with audiences at live events. With new high bright laser projection, the results are stunning with incredible visualisation even where the ambient light is high, opening up applications for retail showrooms, product launches, design simulation and corporate communications.

- Musion 3D Eyeliner™ holographic system
- Musion 3D immersive telepresence solution
- NEC PX1005QL laser projector with NP31ZL lens
- NEC 55" X551UHD-IGT InGlass™ touch display
- NEC 75" V754Q UHD display
- 3 x Extron Decora HD-SDI wall plates
- Extron ETP Cross point 8 x 2 HDMI Matrix 4K
- 4 x Extron DTP HDMI 4k receivers
- Extron XTP infrastructure
- Extron 10" Touch link pro
- Tripleplay digital signage and video streaming platform
- Peerless-AV SmartMount flat-to-wall mounts

OA2 | **INTERACTIVE CINEMA FOYER |** Datapath, Novum Interactive, Peerless-AV

The cinema offers so much more than viewing the latest blockbuster, it's a destination for entertainment and social interaction. When your target audience is accustomed to interacting daily with technology, cinema operators can increase customer engagement through touch and gesture based solutions linked to advertising and promotions. Play for your free popcorn here!

- Novum FXMill software suite
- 4 x NEC 55" UN551VS vídeo wall displays
- Datapath Fx4/H wall controller
- Peerless-AV full service video wall mounts

OA3 | **CONTACTLESS CONTENT MANAGEMENT |** Beaver Group, Peerless-AV

Turning cinemas into a personalised social space using contactless content triggering, this content management solution uses RFID technology to deliver interactive, context driven content and personalised messaging. If you're a winner, claim your free popcorn here!

- Beaver Group signage.ninja software platform
- NEC 65" X651UHD-IGT InGlass™ touch display
- 3 x NEC 50" C501 displays
- NEC 23" E233WMi desktop display
- Peerless-AV SmartMount flat-to-wall mounts

19.00 learn

Take a seat in the auditorium and join the conference. Our key note speakers and industry leaders discuss key issues affecting the industry today against an impressive digital backdrop.

L1   **CINEMA / CONFERENCE AREA |** DAS, Dalen, Draper, Extron, Matrox, Revolabs (part of Yamaha UC), Sennheiser

Compare laser projection thrown onto alternative screen materials, alongside dvLED and LCD video walls, creating the large surface backdrop and repeater screens for the conference programme. The only manufacturer able to supply all these display technologies, NEC can offer unbiased consultancy to recommend the best technology suited to unique application needs.

Making the conference programme available to a wider audience, a high quality recording of the presenter and presentation is created for instant publishing or post-editing. The lecture capture solution allows audiences to view content at a time and place that's convenient to them.

- NEC 2.8mm pixel LED (indoor) in a 5.5x3m configuration (1920x1080)
- NEC LED modules ranging from 1.2mm-7.8mm (indoor)
- NEC PH3501QL 4K laser projector
- NEC PA803UL laser projector with NP41ZL lens
- NEC PX1005QL 4K laser projector with NP18ZL lens
- NEC P502HL-2 laser projector
- NEC PA322UHD UHD desktop display
- DAS APTIOM 1200 desk
- Dalen Messenger lectern
- Draper ambient light-rejecting projection screen technology
- Extron SMP 352 Streaming Media Processor
- Extron's TLP Pro 1520 TG Touchpanel
- Matrox Maevex 6100 AV/IP distribution
- Revolabs wireless microphone system
- Sennheiser handheld mics

VR1   **VIRTUAL REALITY EXPERIENCE |** Magic Horizons, Peerless-AV, Sennheiser

As awareness of mental wellbeing becomes increasingly important within today's hectic schedules, VR experiences bring relaxation and healing comfort as users immerse themselves in an audio visual sensory environment. Businesses are beginning to recognize the benefits to their staff with some offering location based VR cinemas and events.

- Magic Horizons VR experience
- 4 x NEC 55" UN551VS video wall displays
- NEC 47" X474HB High Bright display with OPS slot-in PC
- Sennheiser headphones
- Peerless-AV SmartMount flat-to-wall mounts

PARTNER	SOLUTION
AAEON	S6
Adder	S4
Baanto	S2, S7, W3
Beaver Group	D2, D3, S2, OA3
Dalen	MM4, MM6, MM11, MM12, W4, L1
DAS	C7, GG5, MM1, S4, W1, L1
DataPath	GG4, GG5, OA2
Dexon	C7
DisplayNote	MM9
Draper	L1
eyefactive	S5
Exterity	MM3
Extron	C2, W4, W5, OA1, L1
FUTURESoftware	C1, GG4, MM10
Hiperwall	MM1
Hoylu	W7
Huddly	MM8, MM9, MM12, MM13, W2, W6, W7
Instoremedia	S3
Intevi	C7, W1
Inurface Media	S7
Linney	D1
Magic Horizons	VR1
Matrox	L1
MIMO Monitors	MM12

PARTNER	SOLUTION
Musion 3D	C2, OA1
Novum Interactive	OA2
Oblong	MM13
Onelan	MM5
Peerless-AV	ER1, C1, C3, C4, C5, C7, GG1, GG3, GG4, GG5, MM1, MM2, MM3, MM4, MM5, MM7, MM9, MM10, MM13, D1, D2, D3, SIGNAGE TOTEM 1, S2, S3, SIGNAGE TOTEM 2, S4, S6, S7, S8, W1, W3, W5, W6, SIGNAGE TOTEM 3, W7, OA1, OA2, OA3, VR1
Phoenix Audio	MM8, MM13, W2
Quicklaunch	MM8, MM12, W2
Revolabs, part of Yamaha UC	MM4, MM11, L1
Screenly	SIGNAGE TOTEM 3
SEADA	S1
Sennheiser	W6, L1, VR1
StarLeaf	GG3, MM4
Tripleplay	C3, C4, C5, GG1, GG2, GG4, SIGNAGE TOTEM 1, MM2, OA1
Urben	MM8, W2
VUCANVAS	W3
Yodeck	SIGNAGE TOTEM 2
ZeeVee	MM7
Zoom	MM8, W2

AAEON

www.aaeon.com @AAEON

Established in 1992, AAEON is a leading designer and manufacturer of professional, intelligent IoT, and AI solutions. Committed to innovative engineering, AAEON provides reliable and high quality computing platforms, including industrial motherboards and systems, industrial displays, rugged tablets, embedded controllers, network appliances, and related accessories, as well as integrated solutions. AAEON also provides the services and tooling for premier OEM/ODM and system integrators, worldwide. Being an Associate Member of the Intel® Internet of Things Solutions Alliance, AAEON offers customized end-to-end services from initial product conceptualization and board product development to mass manufacturing and after-sales service programs.

ADDER

www.adder.com @adder

Adder's IP-based, high-performance KVM solutions bring absolute peace of mind to critical infrastructures. High bandwidth speeds and low latency enable real-time, accurate control and management of remote systems. Seamless integration with existing infrastructures and tailoring to specific needs means that previous investments are safeguarded and disruption to ongoing operations is minimized. Expansion of the operation, in terms of the number of workers or the size of the infrastructure, is made easy. Adder IP-based KVM solutions utilize standard networking protocols for total flexibility.

BAANTO

www.baanto.com @baanto

Baanto International Ltd. is a leading developer of innovative, high performance, and scalable touch solutions. With 12 patents granted and over 60 filed across 8 different patent families, Baanto ShadowSense for touchscreen applications solves many of the technical issues that plague other touch technologies.

Baanto has developed multi-touch solutions for: Midsize embedded applications ranging in size from 8" to 22, Large format touchscreens for digital signage products ranging in size from 32" to 98", Interactive Whiteboard solutions ranging in size from 65" to 98" Ultra-large multi-user, multi-touch solutions supporting touch surfaces of up to 267".

Baanto has partner presence in North America, South America, Europe, Asia and Australia, enabling it to provide NEC customers with proven technical and sales support worldwide.

BEAVER GROUP

beaver group

www.beaver.group   @BeaverGroup
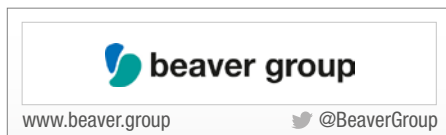
Beaver Group is a digital media design agency specialising in delivering your message, to your customers; perfectly. We're passionate about digital media, and we've been doing it since 1998. With an experienced team of designers, developers and engineers, we provide engaging, tailor-made creative solutions for all our clients.

Clients with whom we are proud to work with include: EAT, WHITBREAD, UPPERCRUST, BURGER KING, PIZZA EXPRESS, POD, BELLA ITALIA, MERLIN ENTERTAINMENT, PICCADILLY CIRCUS, ODEON, SHOWCASE & CURZON, SSE HYDRO, DMGT.

DALEN

dalen design concepts

www.dalendesigns.co.uk   @DalenDesigns

Dalen Design Concepts is the corporate brand of Dalen Limited; a British market leading designer and manufacturer based in Birmingham that provides technical furniture solutions that fully integrates AV technology.

Dalen Designs have developed a range of specialist, fit-for-purpose collaboration furniture solutions for the next generation of meeting rooms, from video conferencing to huddle spaces. Years of experience and expertise in design enables us to provide a range of services including conceptual design, consultation for furniture solutions, space planning and visualisation. At Dalen we work with the customer to understand your complete requirements before coming up with a strategic solution for your meeting spaces, incorporating AV active furniture as a starting point.

DAS

DAS

www.dasbf.com   @dasworldwide

Since 1985 DAS has had a global reputation as a leader in the design and delivery of furniture solutions for critical technology environments, with a specific focus in the financial trading and command and control sectors.

We excel in providing world-class scalable and versatile products for a range of applications. Our extensive product portfolio, combined with our experience, knowledge and continued innovation have created unique furniture offerings for every type of control room environment.

We are driven by our customers and strive to help them respond to an ever-changing landscape of technology, working practices and design. Our expertise in ISO standards compliance, combined with our design and project management service, allows us to provide solutions that fulfil the most challenging requirements and exceed expectations.

DATAPATH

DATAPATH
EXCELLENCE BY DESIGN

www.datapath.co.uk   @datapathltd

Datapath has come a long way since its formation in 1982. Today, the company is a leader in control technologies for creative multi-display video walls, small- to medium-scale video walls in enterprise collaboration environments, and command and control room video walls of any scale. Datapath remains an expert in capture and graphics technology, offering a comprehensive range of capture cards to suit a variety of video modes and complementary graphics cards for multi-screen solutions. These factors make Datapath a specialist in handling media from any source.

The company's products are distributed across five continents to customers in more than 100 countries, covering industries such as professional audio and video, retail, military, education, security and healthcare, to list but a few.

DEXON SYSTEMS

DEXON Systems
Visual quality innovation

www.dexonsystems.com   @DEXONUK

DEXON Systems are a world leading developer and manufacturer of intelligent AV components for demanding video signal management and multiscreen visualization projects. Our 4K compatible product portfolio includes DIMAX4K seamless matrices, DIVIP4K modular video processors, DXN5000 Microsoft Windows 10 based video wall controllers and advanced AV products for signal conversion and extension. With 25 years' experience in video wall industry our strengths are video quality, real time display and support of 24/7 operation. World unique services as up or down scaling, 4K seamless switching, transition switching and PIP display make the products outstanding elements for demanding AV projects.

DEXON Systems have grown to be a leading video wall technology and solution supplier from the date of its establishment in 1990. DEXON Systems works in close cooperation with system integrator and end-user partners worldwide. DEXON Systems have thousands of working multi-image display walls and 24/7 operating, mission critical control rooms all over the world today.

DISPLAYNOTE

DisplayNote

www.displaynote.com   @displaynote

DisplayNote increases meeting productivity by providing technology that makes collaboration simple, smart, secure, and scalable.

Our solutions break down the barriers that stand in the way of simple and effective collaboration. We make it easy for your teams to share ideas and information with each other in real-time.

• DisplayNote Montage: award winning wireless presentation system - With one touch or click, Montage enables meeting attendees to wirelessly share their content from any device, and any location, up to a main meeting room display. It allows multiple attendees to connect and share their screen at the same time, and seamlessly switch between presenters.

• Mosaic: real-time, multi-site collaborative whiteboard solution - Workspace enables remote teams to communicate and collaborate on Office documents, PDFs, images, and much more, in a real-time, shared whiteboarding environment, and video chat.

DRAPER

www.draperinc.co.uk   @DraperGroupLtd

Draper Group Ltd. is a wholly-owned subsidiary of U.S.-based Draper, Inc. Draper manufactures projection screens, projector and flat-panel display lifts, window shades, and sports hall equipment. The family-owned and -operated business was founded in 1902 by Luther O. Draper and is owned and managed by his descendants. Draper Group Ltd. is located in Corby, Northamptonshire.

EXTERITY

www.exterity.com   @Exterity

Exterity is a market leading provider of IP video and digital signage technology that helps organisations to harness the power of video to communicate, educate and entertain. Our end-to-end solutions enable you to capture TV/video content directly from any source and manage its delivery, as channels or within digital signage screens, to any connected device via your existing network. From corporate, finance and education, to hospitality, remote facilities, stadiums and healthcare, Exterity has global expertise in delivering complex, proAV solutions.

EXTRON

www.extron.com   @extron

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.

EYEFACTIVE

www.multitouch-appstore.com   @eyefactive

What has been successfully established for smartphones and tablets, eyefactive brings to large-scale professional touchscreens: the (world's) first specialized interactive signage app platform, a whole new eco-system with customizable touchscreen apps, intuitive content management software and an extensive online app marketplace.

FUTURE SOFTWARE

www.future-software.co.uk   @FUTURESoftware

Future Software are a specialist software development company focused on IoT, Blockchain, Smart Office and Digital Signage.

At Showcase we will be presenting our data driven digital signage solution running on RPi, and our corporate collaborative product COLL-IN.

HIPERWALL

www.hiperwall.com

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.

HOYLU

www.hoylu.com @HoyluGroup

At Hoylu, our mission is to make every surface and every display deeply interactive and personal. We are part of a fully interactive world where every piece of content, every concept and every dream is accessible everywhere. We provide immediate collaboration in an ever-changing world of content and services available on demand, everywhere.

HUDDLY

www.huddly.com @huddlyinc

Founded in Oslo, Norway in 2013, Huddly is a vision technology company that combines Scandinavian-designed hardware, software and AI to create innovative products for everyone who uses video to collaborate.

Huddly products are flexible, inclusive, easy-to-use and software-upgradable. Whereas most tech gets old fast, Huddly products stay new, evolving over time via the Huddly Vision software platform with new software feature upgrades to support changing team dynamics and needs.

INSTOREMEDIA

www.insm.co.uk @Instoremedia

Instoremedia is a market leading Digital Signage company. Our mission is to help you to engage audiences with your brightest, most relevant media content on Digital Displays located anywhere.

In a world where people are increasingly digital native, stunning Digital Signage can be a key part of enhancing your brand, ensuring it stays up to date, fresh and targeted. We will help you to make your signage into a great, brand enhancing experience.

Our intuitive scheduling user interface enables you to target your audience with content on display networks of any scale, while a pluggable software platform means you can add intelligence or integrate new technologies with your Digital Signage network seamlessly. On top of that, an easy diagnostics interface helps you to manage your network, ensuring uptime.

As well as software, Instoremedia can assist you with all other aspects of your Digital Signage journey, including hardware recommendation, content creation and optimisation, positioning and after sales care.

INTEVI

www.intevi.co.uk @Intevi_ltd

Intevi Ltd are a global supplier of digital media services and solutions. We have over 20 years experience in delivering high end solutions based on customer's needs or pains.

Our ethos is to find and supply a turn key solution based on our customers actual business needs, not technology for technologies sake. No matter what solution used (Digital Signage, Digital Communication, IPTV,) we will provide a real world usable system with the metrics and analytics to support the return on investment.

INURFACE MEDIA

www.inurfacemedia.co.uk @inurfacemedia

Inurface Media was founded in 2008, boasting industry experience in key areas of advertising, marketing, managed IT services & technical consulting. We are an established, dynamic London based company, who offer a complete range of Digital Signage Solutions. We also have warehouses and offices in Bristol and Tewkesbury. We prepare the whole solution, covering the entire process from the initial sale and install of the hardware and software, to the ongoing maintenance and support for the future.

With a work force of 60 AV engineers around the country we are capable of small to large scale projects and deployments.

LINNEY

www.linney.com @Linney1851

We're Linney, a world-class, multichannel marketing services group. We offer a unique blend of insight, creative, digital and project management skills to help our clients make the most of their digital displays.

Our clients benefit from a full, end-to-end managed service for any digital signage project – from insight and screens strategy, through to hardware and software selection, content creation, installation and after-sales support.

From pilot projects to large-scale roll-outs with thousands of screens, we've achieved fantastic results for the likes of McDonald's, Wilko, PizzaExpress, Sky, Leon, Alcon and many more.

Our services span:

• Insight consultancy

• Strategy

• Digital asset creation and design

• My Screens CMS

• Implementation

• Service and support

• Hardware

• Evaluation

MAGIC HORIZONS

www.magic-horizons.com   @MagicHorizons

MAGIC HORIZONS produces 'short breathers' that 'beam' the customer to fantastic places leaving behind everyday's 'hamster wheel': Relaxation Music, VR Experiences and Healing Music VR Experiences in cooperation with Humboldt University Berlin.

We are building up a Mental Health Platform to gain leadership in VR for mental health and relaxation. We are a high experienced team with a significant track record in audio-visual entertainment.

Relaxation and Healing Music VR Experiences give the customers the possibility to escape the 'mental hamster wheel': a multi-billion $ loss of money over all industries due to mental overflow. MAGIC HORIZONS combines the massive immersive effect of binaurally produced music together with outstanding 360° high-end 3D visuals.

MATROX

www.matrox.com/graphics

Matrox is a privately held company headquartered in Montreal, Canada. Matrox Graphics is a global manufacturer of reliable, high-quality ASICs, boards, appliances, and software and has been engineering high-quality products since 1976. Matrox technology is trusted by professional end-users and our strategic partners worldwide.

Backed by our in-house design expertise and comprehensive customer support, Matrox is at the forefront of technology, bringing innovations to market and shaping tomorrow's world. This encompasses many processes:

Capture * encode * stream * record * switch * decode * extend * display * control

Traditionally known for its graphics cards, Matrox nowadays also shows both strength and depth in capture cards, AV/IP systems, KVM systems, and Wall Controllers. The APIs and SDKs that accompany these products are fast establishing Matrox as setting the standard for extensive and well documented interfaces that enable partners to build custom interfaces and applications.

MIMO MONITORS

www.mimomonitors.com   @MimoDisplay

Mimo Monitors, established in 2008, is a global expert and industry leader in small touchscreen monitors, displays, and tablets. Designed with a solutions-first approach, Mimo Monitors believes in creating small footprint and high value displays that drive innovation and provide a seamless experience for digital signage, conference rooms, kiosks, point of purchase, point of sale, hospitality, retail, and more.

Centered in providing touchscreens with human touch, Mimo Monitors puts customer service first, offering personalized, detail-oriented service to ensure client satisfaction. Focused on flexible and customizable solutions, Mimo Monitors touchscreens are intuitive to use, easy to deploy, and sleek in design, all while enhancing productivity and user experience. The Mimo Monitors world-class team has deployed Mimo Monitors solutions in locations throughout the world for Fortune 500 companies, both in the US and around the world.

MUSION 3D

www.musion3d.co.uk   @MusionEventsLtd

Musion Events is the UK's leader in the development, marketing, production and broadcasting of ultra-realistic, life-sized, interactive 3D holographic video shows. Musion's patented 3D technologies enable its customers to create spectacular, immersive, multimedia presentations using 3D holographic images so real they are virtually indistinguishable from the original assets or person.

The technology lends itself to marketing and corporate events including brand ignitions, product visualizations, conference speakers, and award ceremonies. These can be live or pre-recorded. Over the last 14 years we have won many industry recognized awards including Car Presentation of the Year, Guinness World Record and European Excellence Award.

Musion's list of "bluechip' customers includes Universal, T Mobile, Burberry, Orange, Samsung, Dunhill, Toyota, Audi, BMW and the BBC.

NOVUM INTERACTIVE

www.novuminteractive.com

We are passionate about branding and help you boost your brand awareness with our DOOH interactive software suite. Our out of the box and tailored solutions fit all needs of international brands from the commercial, industrial, entertainment and retail sectors – from exhibitions, conferences and fashion shows, to retail shopping centers, cinemas, museums and in-store promotions.

OBLONG

www.oblong.com   @oblong_inc
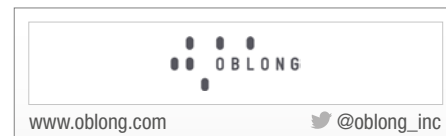
Oblong are the creators of Mezzanine, the immersive visual collaboration solution that uses a seamless and interactive visual canvas to create and deliver high impact presentations, or surround users in live data to make decisions more quickly and effectively. Using an innovative gestural control system, Mezzanine synchronises displays between multiple locations, and participants can be local in the room, or join remotely with any device, and multiple live streams can be shared simultaneously on screen. Mezzanine is now a scalable family of solutions, suitable for almost any meeting room environment. Oblong are Headquartered in Los Angeles, with offices throughout the US and Europe, and our customers include IBM, Boeing, NASA, PwC, JLL and Blackrock.

ONELAN

www.onelan.com @onelan_ltd

ONELAN is a global leader in the development and management of enterprise grade technology solutions for digital visual communication, including applications such as Digital Signage, Wayfinding, Data Visualization and Meeting Room Bookings.

PEERLESS

www.peerless-av.com @PeerlessAVEU

For over 75 years, passion and innovation continue to drive Peerless-AV forward. We proudly design and manufacture the highest quality products, ranging from weatherproof outdoor enclosures to stylish kiosk solutions, installer-friendly digital signage mounts to convenient mobile trolleys & VC supports. Whether a full-scale global deployment or custom project, Peerless-AV develops meaningful relationships and delivers world-class service. In partnership with Peerless-AV, you are trusting an award-winning team of experts who will support your business every step of the way.

PHOENIX AUDIO

www.phnxaudio.com @phnxaudio

Phoenix Audio Technologies believes that high quality audio should be easy to install and simple to use. You shouldn't need to be an AV or IT expert to understand how to integrate or use our products. We design and manufacture products that address the fast pace changes in communication trends, conferencing environments, and connectivity technologies. Our audio algorithms aim to improve the communication experience and to enable people to speak freely and naturally with as little compromise in quality as possible.

Based in Southern California, Phoenix Audio Technologies is an industry leader in real-time audio communication solutions. We're driven to provide high-quality, crystal clear audio for Voice over IP (VoIP), web conferencing, distance learning, and video conferencing applications. Phoenix is on the leading edge in developing innovative products such as microphones, speakerphones, conference phones, PCI products, and other audio accessories that improve the performance of existing conferencing devices.

QUICKLAUNCH

www.ucworkspace.com @ucworkspace

Founded with a spirit of innovation and leadership, UC Workspace (UCW) specializes in custom solutions and commercial products in the collaboration workspace. Our highly skilled consulting and software development teams develop partnerships with OEMs, Partners and end customers to fully understand their growing requirements for meeting spaces. In our experience the key to delivering true business value is achieved through a mix of sharing our experience, IP, providing consulting and development services.

REVOLABS

www.revolabs.com @revolabs

Revolabs is part of Yamaha UC.

Yamaha UC focuses on solutions that enhance communication and help organizations reach their business goals. Together with Revolabs, part of Yamaha UC, we deliver superior professional video collaboration products, microphone systems, and conference phones for telephony and unified communications (UC). Our full range of choices offer the most flexible and uniform set of solutions to accommodate the needs of the entire organization.

SCREENLY

www.screeenly.io @screenlyapp

Screenly is the most popular digital signage solution for the Raspberry Pi, powering over 10,000 screens around the globe. With our intuitive, cloud based user interface, managing a fleet of screens is a breeze.

Regardless of if you are looking for menu boards, in-store advertisement videos or real-time dashboards, Screenly will make your life easier by providing a set-and-forget device. We will take care of all the mundane busywork like device health management and software and security updates, so that you can focus on delivering the right content to your screens.

SEADA

www.seada.co.uk

SEADA Technology Limited is a UK based, world leading manufacturer of video wall display technology.

SEADA's mission is to offer the most innovative and cost effective solutions for our customers, in video wall controller applications. Working closely with our partners, including distributors and systems integrators, SEADA has systems installed worldwide. SEADA offers a whole range of video wall controllers for different applications. These include; digital signage, command and control, security, education and many more.

SENNHEISER

www.sennheiser.com

Sennheiser is shaping the future of audio – a vision built on more than 70 years of innovation culture, which is deeply rooted within the family-owned company. Founded in 1945, Sennheiser is one of the world's leading manufacturers of headphones, microphones and wireless transmission systems. With 20 sales subsidiaries and long-established trading partners, the company is active in more than 50 countries and operates its own production facilities in Germany, Ireland and the USA. Sennheiser has around 2,800 employees around the world that share a passion for audio excellence. Since 2013, Sennheiser has been managed by Daniel Sennheiser and Dr. Andreas Sennheiser, the third generation of the family to run the company. In 2016, the Sennheiser Group had sales totaling €658.4 million.

STARLEAF

www.starleaf.com　@StarLeafco
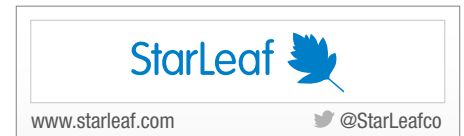
StarLeaf brings people together through the power of video conferencing and calling. StarLeaf is a service provider with a global platform that delivers secure, reliable and rich video conferencing services to Fortune 500 companies all the way down to the smallest organizations around the world.

TRIPLEPLAY

www.tripleplay.tv　@tripleplayserv

Tripleplay is a global leader in the development and delivery of IP Digital Media Solutions, with a single platform capable of delivering full enterprise IPTV and Digital Signage, desktop and mobile video, interactive IPTV solutions and live video streaming.

With a fast growing global presence, Tripleplay has established as a solution of choice for both the professional AV and enterprise IT industries.

TOP-TEC

www.top-tec.co.uk　@DalenTOPTEC

TOP-TEC is a brand of Dalen Limited; a British market leading designer and manufacturer based in Birmingham that provides technical furniture solutions that fully integrates AV technology.

TOP-TEC specialises in providing technical furniture solutions for the education market and has a rich history of providing solutions for active learning and collaborative spaces. We have worked with Universities across the whole of the UK, Europe, and have recently provided solutions for the USA and Asia.

Our comprehensive range of solutions include, Audio Visual Lecterns, Collaborative Furniture, Workspace Desks, Screen Trolleys, Laptop & Tablet Trolleys, Digital Signage, AV Bracketry and IT Security Enclosures.

URBEN

www.urbentech.com　@urbentech

Urben is a market disruptive, pioneering technology company specialising in the design, development and delivery of a range of collaborative meeting room solutions.

We have spent 30 years pushing the boundaries of collaborative workspaces and we know what works and what doesn't when it comes to meeting room technology. We combine exceptional engineering expertise with real-world experience to make solutions that work consistently, reliably and intuitively.

VUCANVAS

www.vucanvas.com   🐦 @vucanvas

VUCANVAS is a specialist distributor of interactive collaboration technology.

With over 50 years collective experience across both enterprise and public sectors, we understand the demand for versatile, fully integrated communications.

VUCANVAS supplies resellers and integrators with the latest collaboration solutions that break down barriers, improve productivity and transform the global workplace.

YODECK

www.yodeck.com   🐦 @yodecksignage
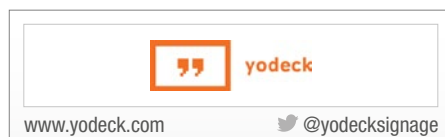
Yodeck is the leading Digital Signage platform based on the Raspberry Pi.

Being one of the easiest, yet powerful, cloud-based signage platforms in the market, Yodeck serves thousands of customers in more than 50 countries all over the world. Our Global Partner Network is growing rapidly to reach out and serve large customers with turn-key, integrated solutions.

Our long list of big-brand customers, such as Adobe, Autodesk, Pizza Hut, Delta Airlines, Dominos, Marriott, Perth Airport, and Swissport, ensures that Yodeck is a good fit for any type and size of company.

ZEEVEE

www.zeevee.com   🐦 @ZeeVeeInc

ZeeVee, Inc. headquartered in Littleton, Mass., and founded in 2007, is a leading global developer of digital technology and products for distributing audio-video content from any source or multiple sources to any number of displays. Manufactured in the U.S. and used primarily in commercial and corporate applications, ZeeVee products are employed worldwide by major organizations in education, government, hospitality, retail, sports, entertainment, broadcasting, healthcare, housing, energy and other industries.

ZOOM

www.zoom.us   🐦 @Zoom
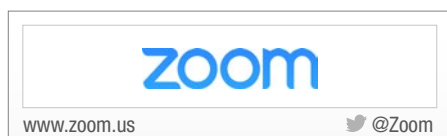
Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, collaboration, chat, and webinars across mobile devices, desktops, telephones, and room systems. Zoom Rooms is the original software-based conference room solution used around the world in board, conference, huddle, and training rooms, as well as executive offices and classrooms. Founded in 2011, Zoom helps businesses and organizations bring their teams together in a frictionless environment to get more done. Zoom is a private company headquartered in San Jose, CA.

notes

notes

Digital Quiz

1: What is the name of the new range of NEC Large Format Displays launched in December 2017?

- ☐ A. MultiSync® A Series
- ☐ B. MultiSync® B Series
- ☐ C. MultiSync® C Series
- ☐ D. MultiSync® D Series

2: Which of the following models is not part of the new PA Series combining Laser, 3 LCD technology and filter-free design?

- ☐ A. PA653UL
- ☐ B. PA803UL
- ☐ C. P502HL-2
- ☐ D. P502HL-3

3: SolutionsPLUS is...

- ☐ A. The NEC Partner Portal
- ☐ B. The NEC Support Hotline
- ☐ C. A new NEC Product Line
- ☐ D. NEC Spare Product Line

4: What is the screen size of NEC's new MultiSync® EX341R curved desktop display?

- ☐ A. 29"
- ☐ B. 30"
- ☐ C. 32"
- ☐ D. 34"

5: What is the typical operating life of the NEC Laser Projector range?

- ☐ A. 16,000 hours
- ☐ B. 20,000 hours
- ☐ C. 15,000 hours
- ☐ D. 12,000 hours

6: What are the approved operating hours for the new MultiSync® C Series Large Format Displays?

- ☐ A. 12/7 hours
- ☐ B. 24/7 hours
- ☐ C. 16/7 hours
- ☐ D. 10/7 hours

7: What is the name of the NEC Network-based Control and Asset Management Software?

- ☐ A. NaViSet Admin
- ☐ B. NaViSet Administrator 2
- ☐ C. NEC Control Management
- ☐ D. Multi-device Installation

8: What is the resolution of the 65" and 84" InfinityBoard Large Format meeting room solution from NEC?

- ☐ A. 3840 x 4096
- ☐ B. 4096 x 2560
- ☐ C. 3840 x 2160
- ☐ D. 4096 x 1024

9: Which of the following is not part of NEC's Open Modular Intelligence (OMi) platform?

- ☐ A. Raspbery Pi Compute Module
- ☐ B. OPS (Open Pluggable Specification)
- ☐ C. SoC
- ☐ D. OPS oC

10: Which new series of Digital Signage Displays offers modular Raspberry Pi compute module expansion?

- ☐ A. MultiSync® P & V Series
- ☐ B. MultiSync® XHB Series
- ☐ C. MultiSync® XUHD Series
- ☐ D. MultiSync® E Series

11: Which of these products is not part of the new lamp based P Series projector range?

- ☐ A. P554U
- ☐ B. P554W
- ☐ C. P603X
- ☐ D. ME301X

Lens Maze

Sudoku

There is only one valid solution to each Sudoku puzzle. The only way the puzzle can be considered solved correctly is when all 81 boxes contain numbers and the other Sudoku rules have been followed.

Each column/row/block must contain all of the numbers 1 through 9, no two numbers in the same column/row/block of a Sudoku puzzle can be the same.

1		3		2				5
	5	7		4				
			7				4	2
		8	9		3	5		7
	9		1			8		
1				7		3		
		4			1			3
			5			2		
	3	2			4	1		6

9		8				5	7	
			6			1		2
3				7				
5			9		6		3	8
	3			1				
2		8				5	1	
6				9				3
	1						9	
	7	6		5	8			

Word Search

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S F W O E X P E R I E N C E S U U C
O I M P R E S S I O N S E Y Y N Z U
L K B B W N M R J E G U K Z S C Q D
U W N E T W O R K I N G Z B O E X S
T B B C Z F W D X D I S P L A Y S P
I W I L M T E C H N O L O G Y K O L
O M Z J D B P R O J E C T O R S X O
N G N U G T I N S P I R A T I O N N
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V C I V L W T R W T E W O Q E D A O
F N P A R T N E R S H O L B O R N N
A C O N F E R E N C E X C W R L J G
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Solutions, Conference, Displays, Projectors, Holborn, Impressions, London, Technology, Experiences, Partners, Networking, Entertainment, Inspiration

S[quadrat] joins the NEC family

NEC expands portfolio with the acquisition of German-based S[quadrat], a leading provider of high end LED display systems


As leading LED provider S[quadrat] comes under the NEC umbrella, sales and marketing director Andreas Brockschmidt said: "We are very happy to be part of the NEC family. We have been working closely with NEC for a couple of years but now we can make an even stronger impact on the market."
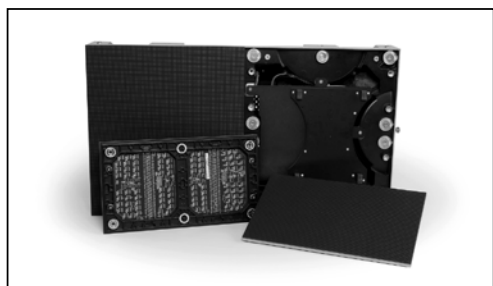
"With our highly skilled expert team and long-term experience within the field of indoor and outdoor LED systems, we can offer professional and specialized added value and leverage the scale and value proposition to NEC channel partners with service offerings like project planning, installations and maintenance."

With more than 30 years' experience in the AV industry, this acquisition further strengthens and positions NEC as one of the world's leading visual solutions provider while supporting a more consultative market approach focusing on in-depth understanding of customer challenges and vertical industry opportunities.
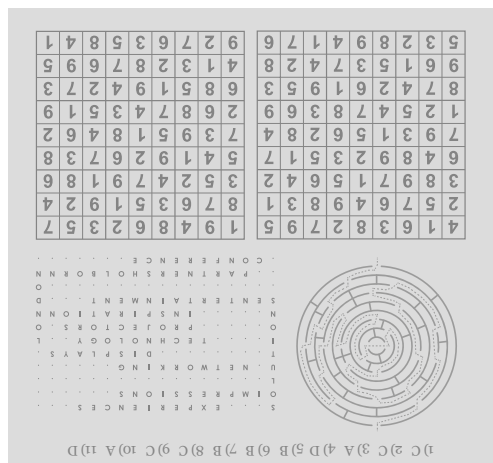
IKEA
Increasing customer engagement

NEC DISPLAY SOLUTIONS RETAIL CASE STUDY
www.ikea.com | www.beaver.group

EQUIPMENT :   1 x NEC PX803UL 8000 ANSI lumen laser projector
20 x NEC P502HL-2 5000 ANSI lumen laser projectors
6 x NEC 55" X555UNS video wall with ShadowSense touch overlay from Baanto

Laser projection and touch technology are opening exciting new opportunities to interact and engage with shoppers. IKEA uses NEC display technology to allow customers easy access to product information with inspiration for their homes.

By investing in its digital capabilities, IKEA is seeking an ever closer relationship with its customers. By connecting with their customers IKEA is realising its vision "to create a better everyday life for many people."

IKEA has been working with Beaver Group since 2015 to introduce a huge range of diverse digital solutions across its 25 stores in the UK and Ireland. Everything in IKEA's huge digital estate is connected and managed centrally via the signage.ninja software platform from Beaver Group, improving the way IKEA delivers its instore messaging and enhances its customer engagement.

The latest innovative offering is in the rug and textiles department at IKEA's Milton Keynes store.

The Challenge

IKEA understands that some customers might struggle to visualise the correct rug size that they need, this is because the rugs in store are suspended upright on display or rolled up ready to load onto trollies for purchase. The measurements are readily available but unlike other products in store, customers can't easily see if it 'looks right'.

The NEC Solution

In order to assist shoppers, Beaver Group developed an intuitive and interactive concept which drives an NEC PX803UL laser projector to project the life-sized rug dimensions onto the showroom floor. This is controlled via a user interface screen running a custom developed HTML app, linked to the signage.ninja platform.

The customer can either select a rug size manually or search via product code. They can also choose to overlay different furniture layouts onto the rug outline to assist in properly gauging the optimum size.

The NEC laser projector is suspended from a ceiling mount - with 360 degree installation flexibility floor projection offers an exciting new dimension to retail signage.

With first grade high-end blue laser diode light source, combined with a unique quality Phosphor wheel technology and no filter replacement required, the PX803UL provides maintenance-free, reliable operation for up to 20,000 hours. Delivering floor projected images at 8000 ANSI lumen brightness the rug dimensions are clearly visible even in the brightly lit showroom.

Working with IKEA, Beaver Group has also successfully implemented a number of other projects in partnership with NEC:

In IKEA's Norwich store, six NEC 55" displays featuring advanced ShadowSense touch technology and protective glass enable customers to create mood boards through an easy-to-use interactive experience.

Configured in a 3 x 2 video wall, the huge 10-point touch display intelligently ignores accidental touches yet provides accurate and reliable touch performance even in high ambient light. The intuitive and user-friendly touch behaviour is crucial to allow shoppers to easily browse products and room layouts without frustration.

Elsewhere, NEC's P502HL-2 laser projectors are used to create background themes to enhance customers' visualisation of room sets as they journey through the showroom. Playback of video content helps them to understand how to customise their living spaces."NEC has a great range of high-quality and super-reliable products especially suited to the environments and applications that our clients need. In particular, NEC's range of laser products have ensured that the solutions we have installed are extremely well received and our clients and their customers can enjoy fantastic benefits from using them," says Peter Critchley, Director at Beaver Group.

The Result

The IKEA model demonstrates how a forward-thinking and engaged retail business can use and benefit from digital systems throughout its business operations. With one user and content-focused system driving all elements of the instore digital communication solution, IKEA has a broad and growing platform to deliver the messages they want, in exactly the way they want to.

The rug sizer is in use constantly throughout the day providing IKEA customers with an engaging and highly visual tool to help them to make the right purchase to enhance their home. This innovative solution is just one example of how laser projection is opening exciting opportunities to surprise and excite customers as retailers seek ways to enhance the shopping experience and forge a greater connection with their audience.