

NEC DISPLAY SOLUTIONS

SIGNAGE SOLUTIONS

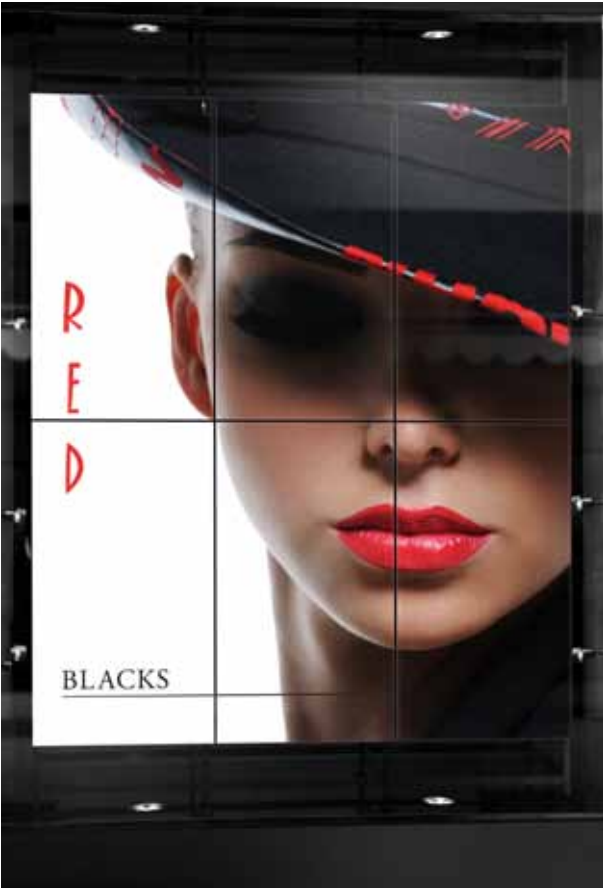
LARGE FORMAT DISPLAY INNOVATIONS AND SOLUTIONS



REFERENCE

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	NEC Reference products meet and exceed the requirements of the most challenging applications in terms of image quality, features and trusted long term performance.
	This logo is used to indicate that a product or series of products have ECO innovations that help to reduce the energy use associated with the product and/ or offers greater productivity from the same resource.
	We aim to reduce the use of harmful materials in any of our products, this includes the display itself, the plastics used, the elimination of mercury or halogen or the use of safer, smaller packaging.

WORLD CLASS | SIGNAGE SOLUTIONS

Attract, Inform and Influence with market leading Digital Signage Solutions

SOLUTIONS FROM A MARKET LEADER

With years of leading the 'Signage' market and developing innovations that are used everywhere from corporate offices to the most recognised venues around the world, NEC sets the standard in Digital Signage technology.

We carry the largest range of display solutions, including professional grade public displays, installation projector solutions, LED panel solutions and desktop displays. Products you can trust to help create the ideal signage installation, all from a single source vendor.

Signage installations normally involve high volume traffic or carry essential information and reliability is a necessity. For this reason, our products, services and solutions are designed to deliver a performance guarantee and to surpass expectations with market leading innovation. NEC signage solutions can generate revenue, increase productivity and save long term costs for our customers.

NEC products are recommended by the leading AV suppliers and installers across Europe. This partner network has years of experience integrating our products into the solutions that are driving signage solutions around the world today and into the future. A network with the experience to specify the right solution for your application and ensure that installation proves successful year on year.

REFERENCE DESIGNATION is given to selected products and solutions which through their performance and benefits set market benchmarks. The logo is a tangible reminder of the high image quality, designated performance standards, design and innovation and trusted support behind these leading models from our portfolio.

MARKET LEADING SIGNAGE SOLUTIONS

THE NEC SIGNAGE SOLUTIONS PORTFOLIO

Reference Standard Large Format Displays

Value Commercial Grade Large Format Displays

Specialist Application Large Format Displays

Professional Grade LED Modules

Comprehensive Signage Solutions

NEXT GENERATION SIGNAGE SOLUTIONS

A RAPIDLY GROWING MARKET DEMANDS CONSTANT INNOVATION

A successful digital signage strategy has many elements, including choosing the best content practices, finding the right equipment, determining the ideal ad or information placement and embracing interactivity. NEC are the perfect hardware partner, with decades of experience creating the building blocks for the advanced signage solutions we see around us in airports, shopping malls, cinemas, restaurants, museums and anywhere that benefits from targeting information to groups of people.

At the core of any successful installation are the NEC premium grade display panels. Displays that range in size from 32" to 82" that are built to the highest standards and loaded with state of the art innovation.

Our solutions portfolio includes simple additions to the product in terms of specialised mounts, frames, overlays or cabinets and upgrades via our integrated 'Option Slot' or market focussed specialised solutions available via our EMEA partner network.

NEC have a display solution ideal for virtually every requirement. The entry level V Series provides commercial grade display performance for common commercial applications, the 'Reference' P Series not only boasts immaculate full HD image quality, but is also able to perform reliably in heavy duty cycles, making it ideal for critical applications such as airports or control rooms. The Reference X Series include the new X462UN are also able to operate well in challenging conditions, with innovative features that make setting up and calibrating even the largest video walls simple.

For an alternative supersized indoor or outdoor solution, the new NEC 50cm x 50cm LED modules available in 6mm pitch for indoor use or 15mm pitch for outdoor use, provide an affordable option for mass impact in high brightness environments.

SIGNAGE IN 2012

Digital Signage today is no longer simply about presenting information, solutions are intuitive and able to take into account user profiles and actions either to log them or to alternate content accordingly.

Customer profiling such as age, height, or colour can help to gather important research information about who is viewing your content and instantly adjust it to better meet the audience requirements. Independent metrics are increasingly used by agencies to judge the effectiveness of their campaigns and uniquely they allow more successful campaigns to get more air time.

With a growing trend towards outsourced signage management, NEC displays incorporate LAN connectivity which will increasingly prove important as movement to managed services for multiple screens grows.

Digital Signage has gone from strength to strength and is set to continue its rapid growth into 2012, with forecast spend on DOOH (Digital out of home) anticipated to show good two digit growth and a constant chain of innovations that replace less flexible display solutions of the past with new standards in engagement and measurement. NEC will continue supplying the world class products that help to lead this market.



RETAIL

Business In Store and Business Out of Store Signage Solutions

PRODUCTS	NEC RETAIL SIGNAGE
P SERIES X SERIES V SERIES LED SERIES	PROFESSIONAL PUBLIC DISPLAYS VIDEO WALL/ SPECIAL DISPLAYS VALUE DISPLAYS INDOOR AND OUTDOOR SOLUTIONS
SOLUTIONS	NEC Signage Software NEC Option Solutions NEC Interactive Touch Solutions NEC IP Rated Protection Solutions



BLACKS
OF MAYFAIR



Displays in Protective Totem Stands can assist with way-finding and generate advertising revenue

IMPROVING REVENUES WITH RETAIL SIGNAGE

Digital advertising and digital information shown on large display solutions capture customer's attention at the point of sale and before-hand, attracting and informing them and influencing them to make purchases.



LCD SIGNAGE
Effectively placed displays help create a more engaging and inviting environment

Digital signage applications are already well established in outlets and malls today. These solutions demand a defined level of professional expertise and support, matching commercial quality products and fitting options with suitable content. NEC, with our unique partner network offer these dedicated retail signage solutions, proven to improve turnover and customer's experiences.

POINT OF SALE SOLUTIONS

Effectively place signage can improve the chances of, or volume of, a sale. Displays have traditionally been placed around the store, at ground level in portrait mode for increased engagement, or in landscape mode at eye level or above. Increasingly more attractive installations include stand-alone totems or displays perfectly hidden behind a shop wall. For further visitor interface mobile phone commands can select the next displayed content or via the touch panel a visitor can specify their exact requirement and preview results, ideal for car showrooms.

MALL AND CENTRE INSTALLATIONS

Shopping Malls are the perfect environment for a planned signage strategy. Starting from the outside, large weather proof LED installations can offer a cost effective way to attract visitors from a distance and also assist with branding, advertising and way-finding. Once inside individual totem displays installed around the centre act as guides to attract traffic to pre-identified spots.

Most importantly content can be centrally managed and changed instantly with revenue options available from participating outlets. Central video walls are ideal for bringing business to, for instance, the Cinema on the top floor,



LED SIGNAGE
Attract attention to your store from long distances

displaying clips from the latest trailers or providing a zone for major brands to showcase new releases or product ranges. The versatile nature of in-mall signage means that one day your displays can be used to support space leased to a local

event organiser and the following day run a cat walk set up by one of your fashion outlets.

VISITOR PARTICIPATION, INFOTAINMENT AND THE INTERNET

Signage is not standing still. Constant advances in image performance, connectivity, add-on solutions and software mean that installations are becoming more versatile.

Adding touch to accessible displays gives the user an enjoyable way to navigate through your product range and build models of what they ideally want. Alternatively it can assist them in way-finding or simply registering or accessing your promotional materials, the internet or those parts of the internet you wish to promote. Managing statistics for customer actions can then help drive the arrangement and priority of your point of sale materials and what you display in your signage.

Digital Signage is far more than poster replacement. It eliminates waste, gives more control of content and creates the opportunity for stores to use entertainment to attract customers and fill in with promotion. A DVD store for instance can play clips from new release videos and then alternate to DVD promotions of the day or promote their own store card.



AUTOMOTIVE INDUSTRY
Specify your ideal car via a conveniently placed touch kiosk

Automotive brands have embraced digital signage technology as an ideal medium to showcase new models in the showroom, with interactive touch and attractive product videos. In the service centre signage can inform customers of waiting times, special service promotions on run news or information feeds.

NEC RETAIL SIGNAGE BENEFITS

Trusted Signage Solutions from a Market Leader

Increase Promotion in virtually any Environment

Ultra Thin Video Walls with Calibration and Edge Correction

Flexible Signage from the Largest Portfolio with a Solution for most applications from a Single Supplier

NEC Unique Option Board Technology brings Power to your Display and Offers Future Proof Connectivity and Upgrade

AIRPORTS AND TRANSPORTATION

Trusted Information Delivery on the Move

HEAVY DUTY PERFORMANCE FOR CRITICAL APPLICATIONS

Arriving at airport terminals today means encountering a profusion of information and noise. Disseminating information relevant to a passenger from flight summary boards, or finding the appropriate check-in desk, or gate, amongst the crowds, is daunting enough and for groups or families the difficulties are accentuated.



ENHANCING PASSENGER EXPERIENCES

Communicating to passengers through digital signage networks has been proven to enhance the passenger experience, getting them to their destination more quickly, whilst providing the possibility for promotion at the same time. Digital signs can be personal and interactive, or convey ideas or lifestyles through large media walls.

Recent reductions to the bezel width of LCD displays has meant that very large media walls, as large as 83m², can be created from smaller LCD modules, making deployment and maintenance much easier. As each module is capable of displaying up to 1080p resolution, content can be viewed up close or from afar, at the same level of detail. With a long life and capability to accept a range of input sources, NEC has already used this new technology to replace traditional split-flap board summary displays, operational control centre video walls and bill-board advertising.

For outdoor promotion, NEC has a range of LED modules, which provide IP65 protection and ultra-high-brightness, to ensure that messages are clear in all weather conditions. Dynamic signage utilising display technology is the ideal way to enhance the passenger experience.

NEC has the widest portfolio of Display Solutions for the airport with desktop displays for check-in and back office functions; large format LCD displays for FIDS and retail signage and both LCD and LED video wall technology for operational control centres, indoor and outdoor media advertising and traditional flap board replacement.

At the heart of our display portfolio for airports is the NEC Professional Public Display P Series. Designed for heavy duty operation this range of displays uses professional grade LCD panel technology. Combined with a 'Japanese designed' 3 stage heat management system and all-metal chassis, the P Series ensures ultra-reliability and a prolonged life.

The airport environment is a hostile one for an information display, with displays typically housed in a casing, and having to operate at high brightness in varying temperatures in new light-flooded airy terminal designs. Displays also need to be flexible in terms of their mounting, connectivity and displayable content.

EASY FIDS MANAGEMENT WITH NEC OPTION BOARDS

The ability to network the displays in a FIDS or digital signage network, to allow easy content distribution and management is also a key factor in our display's design. NEC is the only manufacturer to utilise an option slot upgrade path. Airport IT network managers can choose the right module for the application, whether it's a 1.6 Atom embedded PC for FIDS, Core i5 PC for retail signage or a 300m CAT5 receiver for distributed content delivery. Having these modules as slot-in devices rather than integrated devices can significantly reduce configuration, installation and maintenance costs. For support and maintenance, PCs can be replaced without having to de-install the display and multiple PCs can be configured using a single display prior to deployment in the field.

A new feature 'Display Performance Monitoring' is especially useful for displays in large networks. Simple Network Management Protocol (SNMP) is used to configure remote devices, monitor network performance, audit network usage, and detect network faults or inappropriate access. Network managers can monitor, configure and retrieve fault diagnosis information or key statistics vital to display performance and asset information such as number of hours used, or temperature of a display in a video wall.

NEC TRANSPORTATION SIGNAGE BENEFITS

Flexible and Dynamic Split-Flap Board Replacement

Revenue Creation from Information Boards

Reference Quality Performance suitable in Mission Critical Applications

Widest Portfolio of Desktop Check in Displays, Projection Solutions and Interior and Exterior LCD and LED Solutions

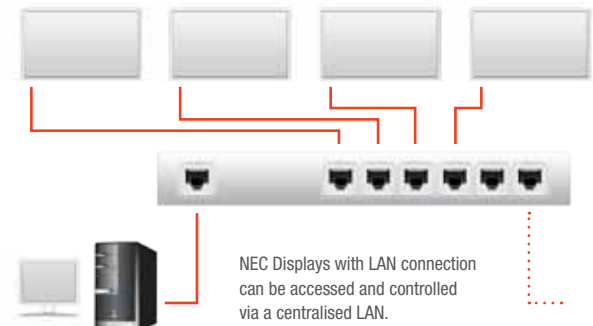
NEC Unique Option Board Connectivity and Upgrade Path



BETTER INFORMATION AND WAY-FINDING

Traditionally way-finding and place naming in airports has previously been solved using traditional printed static signs. Whether it is a gate number above a doorway or directions to the nearest toilets, these signs provide no flexibility in the case of emergencies or change in airport layout. With Digital Signage, traditional static content can be re-designed to be more eye-catching, either to add a sense of urgency such as "Now Boarding" or to provide more information such as a gate's destination video, or even used to create extra revenue with intermittent advertising.

With decades of experience of leading Digital Signage installations in airports, NEC is an ideal installation partner. We are familiar with working with architects, specialist IT suppliers, content managers and the airport team itself to develop state of the art airport signage installations.



PRODUCTS	NEC TRANSPORTATION SIGNAGE
P SERIES	PROFESSIONAL PUBLIC DISPLAYS
X SERIES	VIDEO WALL/ SPECIAL DISPLAYS
LED SERIES	INDOOR AND OUTDOOR SOLUTIONS
SOLUTIONS	NEC Option Solutions NEC Interactive Touch Solutions NEC IP Rated Protection Solutions NEC Protective Glass Solutions



CONTROL ROOMS

Real-time Accuracy for Critical Information

HEAVY DUTY HIGH PERFORMANCE DISPLAY SOLUTIONS

Control Rooms demand the best performance available over heavy duty usage cycles. Our X Series and P Series 'Reference' large format displays offer the very best video wall images in heavy duty environments and our PA 'Reference' desktop displays provide the ideal matching premium performance for viewing desk based information. With an extensive range of display solutions including desktop displays for operators, projectors for breakout meeting rooms, large screen displays for digital signage purposes or large video wall solutions, NEC have all the products required to match the needs of today's demanding Control Room environment.

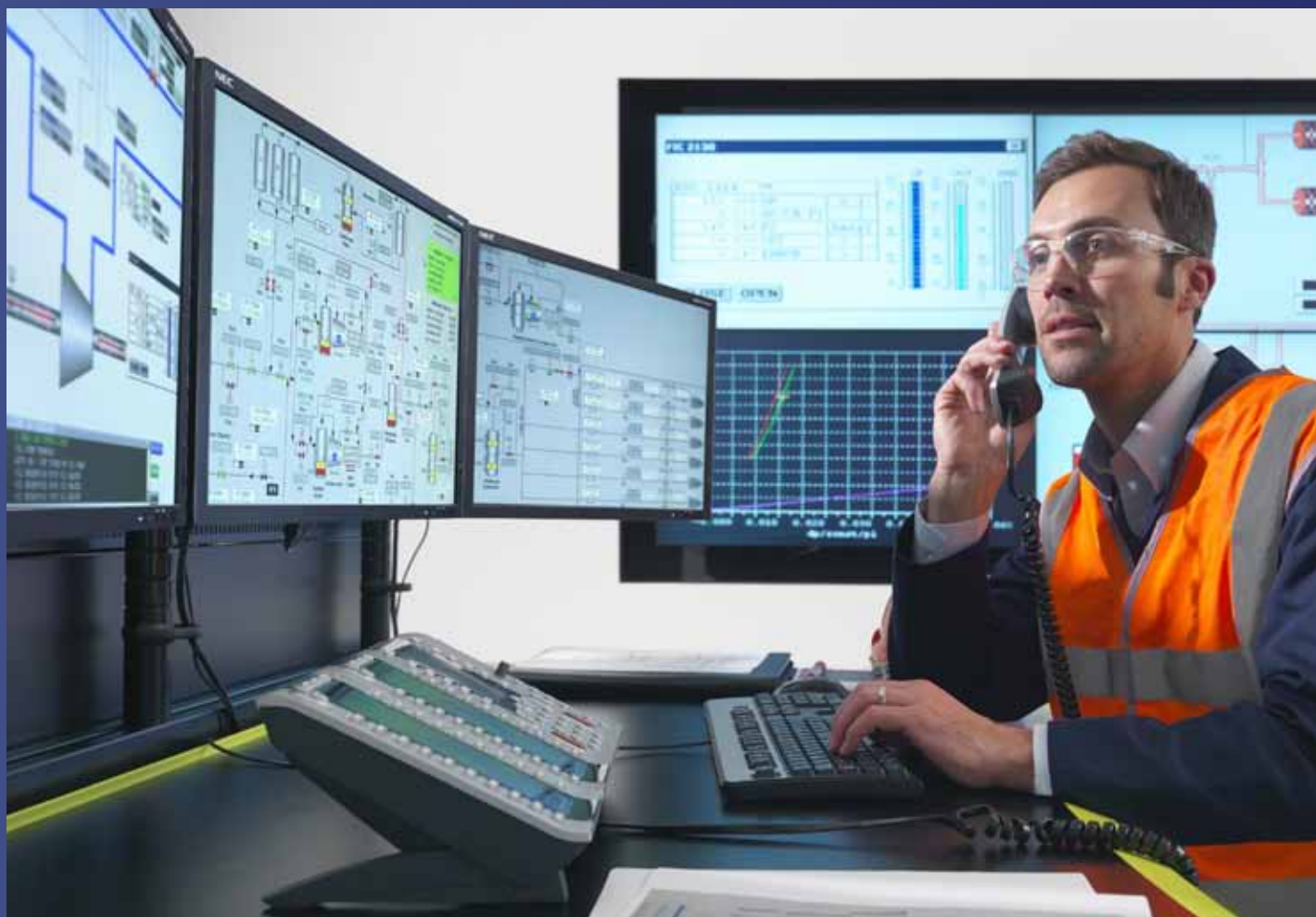
Our commercial quality products also have very strong eco friendly credentials and are lighter and more shallow to more efficiently use space available and minimise infrastructure requirements. The ultra-thin bezel of the new X463UN with LED backlight, large format display is so thin that joins appear almost invisible on front wall tiled applications.

NEC UN videowall products feature dual digital daisy chain built in, (DisplayPort and DVI) and direct LED backlight technology for perfect uniformity and minimised power consumption. NEC is the manufacturer of choice for display technology knowledgeable Control Room Managers.



NEC X463UN Videowall Solutions can be fitted with a touch overlay and combined with NEC Desktop Displays to create supersized interactive workspace

NEC Professional Reference Grade PA Series Displays provide both excellent P-IPS Image Quality and Trusted Performance in Control Room Applications



CONTROL ROOM DISPLAY PHILOSOPHY

Control rooms are generally built with life spans of 5, 10 or even 15 years in mind. However, in that time a lot can change, security networks grow, cellular networks gain more subscribers, and greater reach, air traffic volumes go on and on increasing and those same rooms are expected to cope with all this additional input data.

On top of this, to optimise budgets even if data input has increased drastically, it's more often attractive to simply replace an outdated system with newer gear rather than build a completely new facility.

PROJECTION CUBE REPLACEMENT

The new generation of 'Ultra Narrow' bezel matrix displays has introduced some compelling reasons for Control Rooms to consider this technology over the more traditional projection cube products. With advantages such as higher resolution, lower initial investment cost, lower operating costs, shallower depth requirement and many built in features, they are swiftly gaining ground as the technology of choice. X463UN and X551UN feature direct LED backlight technology with exceptional uniformity, Dual Digital Daisychain (DisplayPort and DVI), an Alert Email Feature, Mounting Solutions and Over-Frame kits add to the solution in addition to the heat management tools and customary superb image.

MISSION CRITICAL HEAVY DUTY PERFORMANCE

Command and control rooms are more often than not 'critical systems' within a facility or network. Maintenance should be required as infrequently as possible, and when unavoidable should be possible with the minimum of disruption to the function of the room.

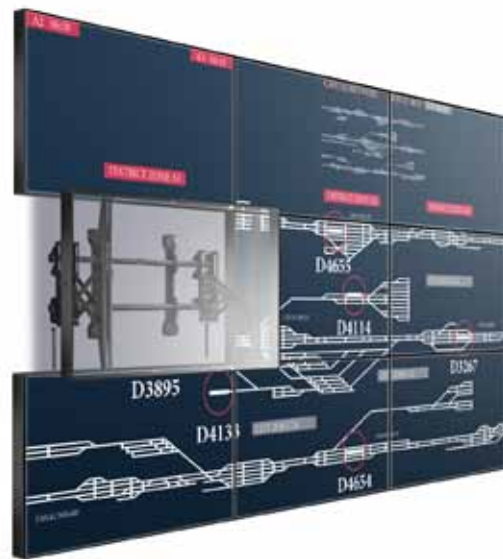
The key factor is the mission critical nature of control rooms, often under continuous usage for prolonged times. As a result displays have to work consistently in confined or poorly ventilated areas and solutions that allow quick replacement of individual displays are preferred.

Whether for Oil and Gas, Blue Light, CCTV, Telecommunication or Data Centres applications, the mission critical nature of control rooms demands the highest quality display delivering the highest assurance of longevity. With an unparalleled reputation as a brand that you can trust for quality and reliability, NEC demonstrates enviably low failure rates, backed by a robust warranty and support process.

The flexibility of the X463UN / X551UN video wall solution allows for swift and simple swap outs should maintenance support be required. NEC is renowned for products designed to stand the test of time. NEC X UN Displays use advanced technologies including heat management, automatic brightness control and ECO mode to help prolong the display's life and to reduce the 'total cost of ownership'.

EFFICIENT USE OF DISPLAYS IN CONTROL ROOMS

In the current climate of carbon usage monitoring eco friendly displays are becoming an important element in the choice of technology. Spaces being designed need to be flexible for the operators with the capability to accommodate a growing or reducing workforce. With the new range of LED backlit desktop displays that are lighter, more eco friendly and capable of tiling in new grouped formats, this goal becomes more achievable.



FAST MAINTENANCE SOLUTIONS

A specialised video wall mount, with it's simple front access to an individual display in a wall is ideal for control rooms

NEC CONTROL ROOM BENEFITS

Reference Quality Performance in Mission Critical Applications

Widest Portfolio of Large Format and Desktop Reference Displays for a Single Source Installation

Latest IPS or VA Panel Technology for Clear Reading from Wider Viewing Angles

Ideal for Ecologically Conscious Organisations

PRODUCTS	NEC CONTROL ROOM SOLUTIONS
P SERIES X SERIES PA SERIES	PROFESSIONAL PUBLIC DISPLAYS VIDEOWALL/SPECIAL DISPLAYS PROFESSIONAL DESKTOP DISPLAYS
SOLUTIONS	NEC Option Solutions NEC Wall Mount Chief NEC Touch Overlays

CORPORATE

PROFESSIONAL SIGNAGE SOLUTIONS

MORE POWER TO YOUR BUSINESS MESSAGING

Large displays solutions are today a widely accepted standard for displaying business information. A corporate reception will often carry a large format display showing a day's information about the business as well as latest news. Meeting room scheduling, as well as directions to specific conference areas are regularly presented via large displays.

More ambitious installations include multiple screen set ups or even larger video walls within meeting rooms. These provide the ideal medium for high impact video or powerpoint presentation or an essential tool for video conferencing.

CORPORATE READY TECHNOLOGY

Our entire range from entry level to special format or performance displays have their own individual benefits to today's corporations. Aesthetics make for the ideal compliment to the office look and advanced technical design ensures solid performance and long-term lower cost of ownership.

The NEC option board range include solutions for all vital functions needed by businesses, whether this means an in-built computer to drive content or HDSDI (1.5G and 3G) for premium quality live feeds. Connectivity is also ideal for professional demands with most models boasting a full range of connectors including DisplayPort so they can be easily integrated into any professional business environment including conference rooms. LAN connectivity means all your important business information can be accessed and displayed real-time.

Optional colour choices or framing solutions are available and bezel designs have been carefully styled so they will match the interior design of the application environment. Optional speakers are an ideal addition for video conferencing and multimedia applications.

Our 'Reference' displays are able to operate under very long duty cycles and as such allow longer times promoting or displaying on behalf of your business. Touch Solutions deliver a further level of interactivity, so participants can access information from your network or intranet and interrelate.



For the ultimate Corporate Interior an NEC video wall can deliver the 'wow' factor to your building and showcase your company materials to an outstanding new level.

NEC CORPORATE SIGNAGE BENEFITS

A Comprehensive Range of Business Ready Display Solutions

Affordable Commercial Grade Business Solutions for Medium Cycle Applications

NEC Unique Option Board Connectivity and Upgrade Path

Business Ready Connectivity

Touch Screen Solutions

PRODUCTS	NEC CORPORATE SIGNAGE
P SERIES X SERIES V SERIES	PROFESSIONAL PUBLIC DISPLAYS VIDEO WALL/ SPECIAL DISPLAYS VALUE DISPLAYS
SOLUTIONS	NEC Option Solutions NEC Interactive Touch Solutions



EDUCATION

ACROSS CAMPUS SIGNAGE SOLUTIONS

CENTRALLY MANAGED, EMERGENCY, PROMOTIONAL, REGISTRATION AND EVENTS NOTIFICATION SOLUTIONS

Reach out to students and your faculty with emergency bulletins, class notices, interactive registration and event promotions. Impress prospective students, parents and visitors with a progressive, technology-forward school environment. Alternatively, send an environmentally conscious message by drastically reducing usage of paper, ink and plastics.

With a digital display system, your school will be on the cutting edge and at the same time be set to generate extra revenue. For instance, use your digital signage as a fund-raising opportunity to sell naming rights, or help with way finding, via touch-screen kiosks. Your visitors will no longer feel lost with strategically placed interactive maps. Touch can also be installed on any of our screen sizes up to 82".

Distributing alarm information is both instant and clear with the possibility that instructions and information about exits to use and meeting points can appear on screen in all facilities instantly.

With NEC's high quality professional-grade screens, your team colours will look brighter and sharper than ever and the curriculum experience will become more rewarding. Whether in receptions, libraries, reading rooms, cafeterias and training areas, our systems offer a high degree of flexibility and visibility. The unique NEC 'Option Slot' means that displays can be upgraded with further power and connectivity after purchase, giving a genuine future proofing advantage.

For higher traffic areas, various NEC public display models can be easily and quickly fitted with a high-quality protection glass that can either be integrated onto the display's highly versatile housing or added onto it afterwards. For exterior use we also offer IP55 cabinet solutions.



Video walls are ideal for displaying sports and entertainment, concerts or college promotion.

VIDEO WALL SOLUTIONS

Ideal for seminars or the lecture hall and equally relevant to the Student Union facility, our video walls are a superb super-sized display platform.

NEC EDUCATION SIGNAGE BENEFITS

Distribute School Information and Announcements or Departmental Information and Events

Promote your Establishment and Up-sell Your Services

Schedule Student Organised Events and Showcase Results

Use Bluetooth or SMS for Interactive Contests or Voting

Distribute Instant Emergency Alerts, Bulletin Boards, Way-Finding

PRODUCTS	NEC EDUCATION SIGNAGE
P SERIES	PROFESSIONAL PUBLIC DISPLAYS
X SERIES	VIDEO WALL/ SPECIAL DISPLAYS
V SERIES	VALUE DISPLAYS
SOLUTIONS	NEC Signage Software NEC Option Solutions NEC Interactive Touch Solutions

QUICK SERVICE RESTAURANTS

FASTER COMMUNICATION FOR FAST FOOD OUTLETS

The move to ‘Digital Menu Boards’ in the Fast Food industry allows QSR outlets to promote different offerings during the day via digital signage systems. The replacement of the classical plastic menu board with displays means that the menu can be easily revised and displayed or visual focus changed to special offerings.

Advertising promotion is also possible via the displays to create a subliminal warm feeling, for instance by reinforcing an outlets commitment to organic purchasing or nutrients, or showcasing a ‘freshly prepared’ ethos.

Large format displays can also act as entertainment and information points, carrying the latest pop videos or movie trailers or outlet gift information.

SOLUTIONS FOR QSR

With its high quality, heavy duty cycle performance the P Series is ideal for menu board applications, it’s slim bezel design minimises the gap between each part of the board whilst advanced heat management meets heavy duty usage demands and an outstanding image with precise colour accuracy makes meals appear more appetising and makes for easy reading.

Alternatively our Ultra Narrow Displays can make a super-sized menu board with virtually invisible breaks in content. Or consider a ‘High Brightness’ 46” Displays in areas with strong ambient lighting. The X462HB, with a unique quarter lambda filter, which lets you view content on a portrait mounted screen even when you wear polarized sun glasses (circumstances in which a standard display would just appear all black).

NEC supply wall mounts that easily combine to make almost any over counter menu board with simple set up and one stop support offering a one service point advantage. For areas where human contact is greater or outside, IP55 cabinets as



well as the integration of protection glass are ideal while ‘Touch Solutions’ are a way to access more information or entertainment and they truly support a fast self service philosophy when integrated into a waiting line, where a customer could conveniently place his order via a display and take a seat as it is being prepared.

NEC QSR SIGNAGE BENEFITS
Show Specials at Key Intervals During the Day
Digitise your Menu for Easy Amendment and Exciting Clarity
Appetise with Real Images of Your Specialities in Stunning Colour
Entice the Purchase of Newly Launched Items
Create a ‘Feel Good’ Experience Displaying Happy Visitors or Pop and Video Media
Offer Useful Food Health or Community Information
Relate your Corporate Story and Values

PRODUCTS	NEC RESTAURANT SIGNAGE
P SERIES X SERIES V SERIES	PROFESSIONAL PUBLIC DISPLAYS VIDEO WALL/ SPECIAL DISPLAYS VALUE DISPLAYS
SOLUTIONS	NEC Option Solutions NEC Interactive Touch Solutions NEC Protective Glass Solutions

LEISURE AND ENTERTAINMENT

ENHANCING THE VISITOR EXPERIENCE

NEC Display Solutions play an enviable leading role in the 'Entertainment and Leisure' market. NEC's products are trusted by the major venues for public gatherings using our large screen display video-walls or single LCD panels from 32" to 82" with touch screen capabilities or protection glass to improve the visitor experience.

High footfall environments require product consistency. With NEC's renowned award winning commercial image quality our displays are the perfect medium for showing museum, gallery or sporting images in their best light.

Our reference grade large format displays are ideal for the high volume, high up-time requirements of leisure venues and cleverly installed projection and rear projection solutions utilising our installation projectors can provide a flexible, alternative concept for capturing visitor's imagination.

CINEMAS

NEC lead the way in 3D projection technology with our 'Digital Cinema Projectors' installed in a leading number of Cinema venues across Europe. We also provide large format display solutions that can be installed around a venue to promote the movie or placed above a food or drink counter as a 'Digital Menu Board'.

SPORTS VENUES

Super large LED installations have become the standard in sporting venues and NEC LED products offer the ideal manufacturer grade, affordable LED solution for displaying replays, scorecards or promotional information at a sporting venue. NEC LED modules are designed for easy assembly coming in single 50cm units that can be tiled to virtually any size to fit the stadium. NEC also supplies dedicated signal processing and distribution products so content can be displayed on designated areas of the wall.

NEC Large format displays also provide the ideal promotion or way-finding solution for entrance lobbies, corridors or food counters.

MUSEUMS AND GALLERIES

The X463UN / X551UN ultra thin video-wall solution is used as a product of choice in the museum market with it's virtually invisible bezel and across wall calibration and EdgeComp technology to reduce common darker sections at the side of each display. Ambient light sensors automatically adjust brightness depending upon surrounding light and the scheduler enables the video-wall to be operational automatically during the specific hours. With these features, premium performance is possible at the same time as conserving power. Displays can also be used to show attractions or direct the visitor to the next attraction or to engage and inform via touch consoles.

LUXURY LINERS

Digital Signage is being used for way-finding or entertainment but also for pervasive technologies and touch kiosks that enhance the travellers convenience

and experience. With 'Digital Signage' a traveller can see which restaurants, events or decks are busy or free before walking the distance and they can make reservations at their leisure. A command control room installed with NEC X463UN / X551UN video wall displays can provide a centrally viewable point for all access zones.



NEC ENTERTAINMENT SIGNAGE BENEFITS

Maximise Revenues and Enjoyment Involved in Visits

Direct Visitors to On Site Facilities

Provide an Interactive Engagement with Items of Interest

Outstanding Affordable Large Screen Solutions bring Broadcast, Replay or Promotion to Stadium Events

Total Display Solutions from a Single Source

PRODUCTS	NEC ENTERTAINMENT SIGNAGE
P SERIES	PROFESSIONAL PUBLIC DISPLAYS
X SERIES	VIDEO WALL/ SPECIAL DISPLAYS
V SERIES	VALUE DISPLAYS
LED SERIES	INDOOR AND OUTDOOR SOLUTIONS
SOLUTIONS	NEC Option Solutions NEC Interactive Touch Solutions NEC IP Rated Protection Solutions NEC Protective Glass Solutions

LCD DISPLAYS



Ultra Thin Bezel X551UN, X463UN and X461UNV only

LCD DISPLAYS	SIZE	RESOLUTION	PANEL	POSITIONING
V SERIES				
V321	32"	1366 x 768	SPVA	Value Entry Display
V422	42"	1920 x 1080	S-IPS	Value Entry Display
V462	46"	1920 x 1080	SPVA	Value Premium Display
V551	55"	1920 x 1080	SPVA	Value Premium Display
V651	65"	1920 x 1080	AMVA	Value Premium Display
P SERIES				
P402	40"	1920 x 1080	SPVA	Professional Grade Display
P462	46"	1920 x 1080	SPVA	Professional Grade Display
P552	55"	1920 x 1080	SPVA	Professional Grade Display
P702	70"	1920 x 1080	SPVA	Professional Grade Display
X SERIES				
X461UNV	46"	1360 x 768	SPVA	Entry Video Wall Display
X463UN	46"	1360 x 768	SPVA	Video Wall Display
X551UN	55"	1920 x 1080	SPVA	Video Wall Display
X462HB	46"	1360 x 768	SPVA	High Brightness Display
X461S	46"	1920 x 1080	LED BL	Professional Grade Display
X551S	55"	1920 x 1080	LED BL	Professional Grade Display
LCD8205	82"	1920 x 1080	SPVA	Professional Grade Display

LED MODULES



LED MODULES	SIZE	RESOLUTION	PITCH	POSITIONING
LED SERIES				
LED-06AF1	50x50 cm	80 x 80	6.25mm	Indoor Applications
LED-15BF1	50x50 cm	32 x 32	15.625mm	Semi or Full Outdoor

SLOT-IN OPTIONS STv1 | STv2



- A. STv2 Board
B. Dual Slot Adaptor
C. STv2 Board In STv1 Adaptor



Naming	Detail	Explanation
STv1	Slot Technology Version 1	This is the traditional NEC Option Slot
STv2	Slot Technology Version 2	This new slot is compatible with NEC / Intel OPS Standard
Dual Slot	STv1 and STv2	Products that can house either STv1 or STv2 boards

MORE POWER TO YOUR SIGNAGE

Select one of many powerful upgrade options today or even integrate new technology in the future. With no cables required due to internal connection for power, video, audio and control, the option slot also fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Device that incorporates an Option Board uniquely gives the customer one service contact and matching warranties for the display or projector and the board and in the case that servicing is required, a slot product can easily be removed and serviced separately with the display in tact.

FUTURE PROOFING YOUR DISPLAY

Option Slots give your display an 'upgrade ready' path for today's boards and additionally, compatible boards that may be developed in the future. They also are exchangeable between compatible products either directly or in certain cases using a cradle meaning that they form a useful element in your display solutions for the entire site.

OPTION BOARDS	DESCRIPTION	STv1 / STv2	PLACING
BUILT-IN PCS			
SBC Core i5 (sandybridge)	Core i5 2,5GHz, 2GB RAM, 40GB SSD, WS7E	STv1	INTERNAL
SBC Core i5 (sandybridge)	Core i5 2,5GHz, 2GB RAM, 40GB SSD, WS7E	STv2	INTERNAL
SBC Celeron 2 x 1.6 (sandybridge)	Celeron 2x 1,6GHz, 2GB RAM, 40GB SSD, WS7E	STv2	INTERNAL
SBC Core i5 (arrandale)	Core i5 2,4GHz, 4GB RAM, 320GB HDD, WS7E	STv2	INTERNAL
SBC Celeron 2 x 1.86 (arrandale)	Celeron 2x 1,86GHz, 4GB RAM, 320GB HDD, WS7E	STv2	INTERNAL
SBC Atom 1.6	1,6Ghz, 1GB RAM, 40GB SSD, XPe	STv2	INTERNAL
OTHER OPTIONS			
MEDIAPLAYER (INT)	Stand-alone version of Video and Audio Player	Stv1	INTERNAL
MEDIAPLAYER (EXT)	Stand-alone version of Video and Audio Player	Stv1	EXTERNAL
CAT5	CAT 5 Receiver for Long Distance High Quality Signals	Stv1	INTERNAL
HDSOI 1.5G STv1	Process HD and SDI Signals on your Display	Stv1	INTERNAL
HDSOI 1.5G STv2	Process HD and SDI Signals on your Display	Stv2	INTERNAL
HDSOI 3G STv2	Enhanced processing of HD and SDI Signals on your Display	Stv2	INTERNAL
DVI DAISY CHAIN	Daisy Chain up to 10 Displays with this Option Board	Stv1	INTERNAL
TUNER	Digital DVB-T Tuner, Analog Tuner and IP TV Module	Stv1	INTERNAL

OTHER SOLUTIONS AND ACCESSORIES	DESCRIPTION
DST TOUCH PROTECTIVE GLASS IP55 CABINET CALIBRATOR KIT OVER FRAME KIT SIGNAGE SOFTWARE SILVER BEZEL FLIGHT CASE SPEAKERS REMOTE CONTROL	3M Touch Screen Solution with dust resistant Dispersive Signal Technology 4mm High Quality Security Glass with Anti-Reflection Coating IP55 Cabinet for Indoor and Semi-Outdoor Installations without Sunlight Video Wall Calibration Sensor Kit Over Frame Kit for Ultra thin Video Walls NEC Entry Level Digital Signage Software Solution Alternative Silver Bezel for P Series Displays Protection against Shock and Vibration During Transportation Optional Speakers for Various NEC Large Format Displays Remote Control Kit with Sensor for UN video wall products and selected P and V Series



P552 with SP-RM1 installed

MOUNTS	DESCRIPTION
WM 32-70 L+P WMS 32-55 L WMXS 46 55 L VWM single front service 46 55 L WMXUN single 46 L VWMXUN single 55 L WMXUN fixed 2x2 46 L VWMXUN fixed 2x2 55 L VWMXUN column3 46 L VWMXUN High End front service 46 L	Universal wall mount for 32" - 70" Displays, landscape and portrait Slim Wall Mount for 32" - 55" Displays, landscape Wall Mount for 46" and 55" XS Series, landscape Front Serviceable Video Wall Mount for 46" and 55" with Lateral Adjustment for Access, landscape Video wall mount for single installation of 46" XUN/V Series, landscape Video wall mount for single installation of 55" XUN Series, landscape Video wall mount for fixed 2 x 2 installation of 46" XUN/V Series, landscape Video wall mount for fixed 2 x 2 installation of 55" XUN Series, landscape Video Wall Mount for a Column of 3 X462UN Landscape Displays, landscape Tailor Made Video Wall Mount with Motorised Front Access, landscape

NEC DISPLAY SOLUTIONS

SIGNAGE SOLUTIONS

LARGE FORMAT DISPLAY INNOVATIONS AND SOLUTIONS



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Document Name: Signage Solutions
Document Revision: Version 2
Document Date: 01/12

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