Trusted visual solutions for airports

The Operators' Choice

Dependable technology, proven for long lasting reliability.

At Sharp/NEC, our intelligent visual systems are purpose-designed for heavy commercial usage, with high quality components and Japanese engineering standards. When there can be no compromise to security, safety and sustainability, our class-leading products bring confidence and peace of mind.

With integrated computing options offering flexibility and cost saving efficiencies, airport operators are assured of the perfect-fit solution for their unique requirements, backed by our robust service and support.
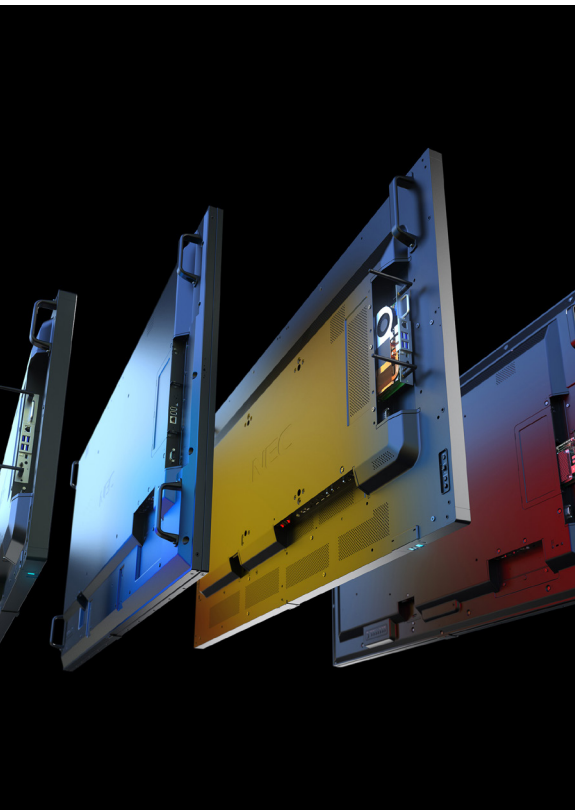
With over 250 airport installations and more than 30 years' worldwide experience, our legacy is testament to the trust we have secured. We are the operators' choice. A safe choice.

YOUR VISUAL TECHNOLOGY PARTNER

Supplier of dvLED surfaces, MultiSync® LCD Large Format Displays, Video Walls, Laser Projection, and MultiSync® Desktop Displays, we offer the widest range of visual display technologies and associated hardware and software solutions. Sharp/NEC is your partner of choice to fulfil every application requirement, for Flight Information Displays, wayfinding, advertising, check-in, baggage handling, and control rooms.

Our class-leading service and support infrastructure is unrivalled in the industry. We pledge our partnership for the long-term.

INTEGRATED COMPUTING
Powerful, adaptable, and secure

Sharp/NEC's optimised computing platform offers a streamlined, unrestricted, and high-performance standard for digital signage and mission-critical applications. Our customisable selection of slot in options, with memory, storage and operating system preferences, can be seamlessly embedded into our displays, bringing powerful flexibility and secure protection against cyber attacks.

OPS/Intel®SDM

Intel's OPS and its natural evolution, the Smart Display Module (SDM), are integral to Sharp/NEC's intelligent visual display systems. A dedicated TPM (Trusted Platform Module) chipset of the latest generation 2.0, vPro with Intel Management Engine on selected models is ensuring high system security.

NEC Edition RaspberryPi 4

Featuring a Quad Core 1.5 GHz SoC processor and 4Gbyte RAM, the RPi4 compute module delivers high processing speeds and remarkable performance levels. With IEEE 802.1X support, security is safeguarded.

LEARN MORE ☑ about Sharp/NEC's Open Modular Intelligence platform for scalable computing power.

DEPENDABLE RELIABILITY
Complete peace of mind

Sharp/NEC's engineering quality brings peace of mind, through the reassurance that your investment will continue to deliver peak performance over its long lifetime, and beyond. The meticulous selection of high-quality components and innovative design means that our products are engineered for 24/7 operation, robust against the most demanding usage.

Metal Chassis

Rigid and stable, yet light in weight, aluminium provides the strength behind Sharp/NEC's Large Format Displays and dvLED modules. Precision engineered, dvLED modules remain perfectly aligned.

Thermal Protection

Extending the life of the display, the metal framework naturally dispels heat, whilst Sharp/NEC's unique heat management system monitors the temperature inside the device to auto-trigger fans.

Fire Safety

The fire-retardant metal chassis enables Sharp/NEC to achieve excellent results in fire safety and fire load testing meaning no additional protection compensation investments are required.

LEARN MORE ☑ about the quality, safety and peace of mind achieved by using a metal chassis design.

MANAGEMENT & CONTROL
Nothing left to chance

Sharp/NEC brings added value through innovative technology enhancements that ensure the best possible user experience. We highlight here our capabilities that specifically meet the needs of the aviation sector.

Colour Accuracy
Accurate colour rendition is important to premium brands who demand high-quality advertising media. Sharp/NEC colour calibration capability safeguards your DooH revenue streams.

EMC Compliance
Where compliance to EMC Class B is specified, our dvLED B Series is proven to cause no electromagnetic interference for screen sizes up to 40m^2.

Centralised Control
Monitor and control all display devices across the network with NaViSet Administrator. Perform proactive diagnostics remotely, improving efficiency, reducing costs, and minimising downtime.

LEARN MORE ☑ about the benefits of NaViSet Administrator.

LONG LIFE SUSTAINABILITY

Minimal impact, low TCO
High quality product manufacture means extended product lifetimes, deferring replacement, and therefore waste, over a longer time frame. Durable product design also supports Reuse, Repair and Recycle initiatives, further extending the product lifecycle, whilst helping to Reduce energy consumption.

This practical approach has been commended with a Green Signage Award.
'Sharp/NEC is by far the most sustainable visual solutions provider in the industry,' Florian Rotberg, Managing Director for Invidis Consulting.

Reduce	Reuse	Repair	Recycle
Embedded computing devices use power more efficiently, whilst additional mounting systems, cabling and power supplies are not required. Ambient Light and Human Presence sensors assist in optimising brightness levels to minimise power usage.	Sharp/NEC's innovative open modular design allows computing power to be upgraded, signage isn't disposed of, but repurposed or reconfigured, extending the life of the display and reducing waste.	dvLED is highly serviceable with components that can be repaired and replaced to support its extraordinarily long lifetime of over 10 years. We offer a comprehensive, tailored service program.	Metal, the major component in our Displays, is almost infinitely recyclable, contributing to the circular economy. Our Large Format Displays are 95% recyclable which is remarkable in our industry and our optimally sized packaging is 100% recyclable.

LEARN MORE ☑ about how quality and sustainability go hand-in-hand.

LEARN MORE ☑ about how Sharp/NEC's visual display systems enhance the passenger experience and reduce operational costs, visit our online transportation hub.

LEARN MORE ☑ about Sharp/NEC's wide range of MultiSync® Displays, dvLED modules, Laser Projection and associated hardware and software solutions on our website.

SHARP / NEC