

Sacramento County International Airport selects NEC to revamp its FID system

Quick Facts

FACILITY:
Sacramento County International Airport

LOCATION:
Sacramento, California

CHALLENGE:
Add new functionality, while avoiding image burn-in and high power consumption

SOLUTION:
30" (29.5" VIS) NEC LCD3000 and
40" (40" VIS) NEC LCD4000

DATE:
January 2005

Objective

Replace Sacramento County International Airport's (SCIA) older CRT monitors with a state-of-the-art full-function information display solution featuring large-screen LCDs from NEC Display Solutions*.

The Airport's Challenge

SCIA needed to update the older display technology being used for flight information and baggage information communications. Image burn-in and power consumption were issues the airport needed to address in their new solution. In addition to implementing the new screen technology, the airport also wanted to add new functionality to the system.

The NEC Display Solution

With the help of its valued partners, NEC Display Solutions installed more than 175 30" (29.5" VIS) NEC LCD3000s and 40" (40" VIS) LCD4000s throughout the airport. Chosen for their feature-rich design and exceptional image quality, the LCDs are now delivering vital information to the 9.3 million travelers who pass through the airport each year.

The large-screen displays, which provide critical flight, gate and baggage information, needed to be cleanly integrated into the newly renovated interior. With the addition of protective enclosures featuring anti-glare

glass and vandal-resistant finishing and signal distribution technology, the displays were not only well-protected, they were seamlessly integrated into the stylish décor of the airport.

"We wanted a display that offered visual clarity and did not have significant issues with image burn-in," said Steve Elrod, deputy director of information technology and telecommunications for the SCIA System. "We evaluated various display technologies and

ultimately selected NEC displays for (SCIA) because we believe they meet our present needs."

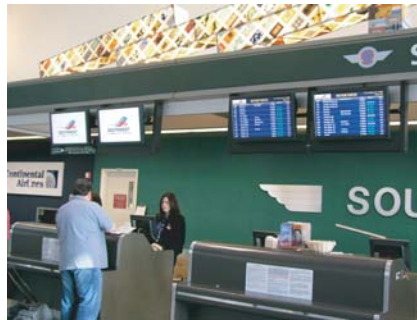
In addition to ultra-wide vertical and horizontal viewing angles, the NEC LCD3000 and LCD4000 deliver brilliant images and rapid response times that allow the monitors to produce virtually uninterrupted, undistorted viewing. And, with low power consumption and the possibility of advertising revenue generation, the LCDs make for an attractive total cost of ownership.

Key to the display solution was an installation that took into account the physical and structural demands of the airport, including high traffic and visibility. "We needed to protect the displays but, at the same time, not detract from the aesthetics of the project," said Jim Hackett, national sales director of Digital Factory. "Our thin but resilient enclosures were seamlessly integrated without taking a thing away from the visual appeal of the monitors."

Magenta Research's signal management technology enables video distribution over a single cable, allowing the centralization of the computers controlling the content. This proved extremely beneficial to the management and maintenance of the system.

"Providing information to airport patrons is just one side of the coin," said David Barber, project manager for Air Transport IT Services. "Making the information easy to access and improving the overall airport experience is just as important."

** As of April, 1, 2005, NEC Display Solutions of America, Inc. became the new name for the company previously known as NEC-Mitsubishi Electronics Display. This change came as a result of the company becoming a wholly-owned subsidiary of NEC Corporation.*



NEC large-screen LCDs have been installed in many areas of SCIA, including ticketing counters (top), concourses (middle) and food courts (bottom).

LCD3000 and LCD4000 are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders.

©2005 NEC Display Solutions of America, Inc. All rights reserved.

NEC Display Solutions of America, Inc.
500 Park Boulevard
Itasca, Illinois 60143
866-NEC-MORE
www.necdisplay.com

Empowered by Innovation

NEC