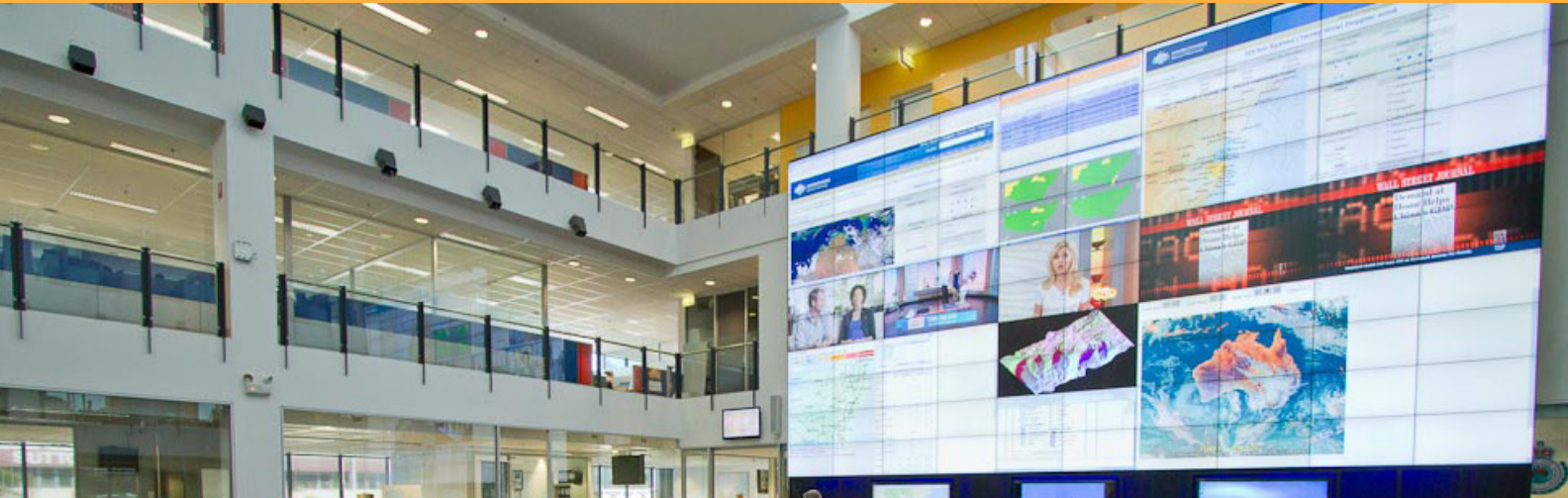


A display solution for any emergency

# NSW Rural Fire Service



## Customer

- NSW Rural Fire Service

## Industry

- Emergency Services, Government

## Challenge

- The provision of an effective communication and operational information display tool to support emergency response management
- To display detailed issues and crisis data, in real time

## Solution

- 100 x X462UN, 46-inch NEC Ultra Narrow LCD display designed for video wall configurations in professional digital signage environments
- Customised digital signage software system
- Video matrix solution and control system
- 14 computer systems and 4 main computers
- Eo Design installation and support services

## Result

- High definition
- Fine bezel for impression of a single image across a 100 screen wall
- ENERGY STAR 5.0 rating equipment and carbon footprint metre
- Product longevity for lasting return on investment
- Flat screen wall provides space saving efficiencies

## Hardware/Applications

- X462UN, 46-inch NEC Ultra Narrow LCD

## Overview

The NSW Rural Fire Service (NSWRFS) is the world's largest fire service. The orange overalls of its 70,000 volunteer members are recognised across NSW as the service battles each summer's bushfires.

The responsibilities of the NSWRFS also extend to structural fire fighting in more than 1,200 towns and villages. Its members are called to search and rescue operations; attend road accidents; and assist in storm and flood recovery.

# NEC & Eo Design providing the highest standards of operational capability.

## The Challenge

As part of a major upgrade to its headquarters, the NSWRFs called for the installation of a digital video wall as a communication and operational information display tool. The wall was to be integral to the new building design and used as the central information point for all workers in the event of an emergency.

The wall is driven by a customised digital signage software system, video matrix and control system. Its system caters for up to 32 digital video inputs and is supported by 14 computer systems and 4 main computers.

The NEC technology “seamless” LCD displays feature an ultra slim bezel, with a barely discernible 2.7mm transition gap between displays, and supplies an homogenous picture across the matrix.

The screen can display either one large visual, such as a map, or up to 32 inputs including graphs, statistics, weather predictions, live feeds from various sites, and contact details.

The NSWRFs timetable, between issuing the purchase order and its running live date, was extremely tight. The installation was completed in three weeks and the entire project was finalised within seven.

## The Solution

The NSWRFs can access and share incident information, and monitor weather data and bushfire movement in real time. The quality LCD solution provides the highest resolution for information display and product longevity for lasting return on investment.

The Commissioner manages the operations from the information centre and uses the wall’s visual aids to highlight issues and develop response plans with key stakeholders such as: local councils, water and electricity utilities, fire fighting and rescue teams, police and ambulance response, DOCs, Roads & Maritime Service, and the media.

The video wall is being used to display maps of affected fire areas; conduct team briefings; display action plans for each team and upcoming activities; present to various involved organisations; and monitor news.

By maintaining live monitoring of selected news sites, the NSWRFs is now able to readily assess the statements being broadcast by the media. The Commissioner is able to request a live feed to counter any inaccuracies and direct public action with a greater immediacy.







## The Result

An additional advantage of the EO Design/NEC system is that the flat screens use very little floor space. As the screen is installed flat against the structural wall, the headquarters saved almost two metres of floor space; every centimetre of which is critical in fully staffed, emergency response periods.

The low 200W energy consumption [and less than 2W in standby mode] of the NEC LCD wall is a real plus.

Commissioner Fitzsimmons concluded: “Our new information display system will assist the NSWRFs to deliver on our organisation’s mission: to protect the community and our environment and to minimise the impact of fire and other emergencies by providing the highest standards of training, community education, prevention and operational capability.”

### Partnership for display innovation

Eo Design ([www.eodesign.net.au](http://www.eodesign.net.au)) is an innovative audio visual design and installation company with expertise in video data projection, plasma, LCD and LED screens; sound reinforcement; public address and background music systems; control systems; MATV automation; digital signage and video conferencing.

**“Our new information display system will assist the NSWRFs to deliver on our organisation’s mission: to protect the community and our environment and to minimise the impact of fire and other emergencies by providing the highest standards of training, community education, prevention and operational capability.”**

**Shane Fitzsimmons,  
Commissioner of the NSW Rural Fire Service**

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For more information, visit [www.nec.com.au](http://www.nec.com.au) email [contactus@nec.com.au](mailto:contactus@nec.com.au) or call **131 632**

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