

Case Study

Video Wall, Gaydon



VIDEO WALL - TEST CENTRE FACILITY



(Image is representative of a video wall and not actual project)

Project Overview

The refurbishment, repair and re-installation of a 9-screen video wall in one of Jaguar Land Rover's main test facilities.



LOCATION

JLR, Gaydon, Warwicks



DATE

June - December 2015



PHOENIX STATUS

Accredited Supplier & Integrator



NET VALUE

£ 20,671.48



MAIN EQUIPMENT

- NEC X463UN LCD Panels
- Extron IN1606 Presentation Switcher
- Extron Connection Panels
- Wall Speakers

We may be small, but we make a big impact

General Overview

Jaguar Land Rover were looking to install a large viewing facility (projector, monitor or videowall) to show rolling video clips and marketing material with a secondary use as a presentation system for ad-hoc meetings.

The recommended area allowed for a very large screen but the ambient conditions were too bright for a projection system with no convenient place for mounting one. The cost for an ultra large monitor (84" plus) could prove prohibitive for their budget at the time.

Phoenix AV discovered that the company had in its possession 10 x NEC X463UN screens which had been dismantled from another site and been earmarked for disposal. In keeping with our practice of ensuring best support and value, we undertook to examine and check the screens for suitability.

Installation

The majority of the screens were found to be in good working condition, one was u/s and two could be repaired. These were subsequently returned to the NEC facility in Telford and refurbished at a cost of £ 1,600 each.

Using a mobile platform lift, the main framework of new Peerless extending wall brackets was installed (new ones to ensure warranty support via Phoenix AV) along with a through wall support frame on the back in the adjoining cell. This was required due to the location of the videowall and the initial wall requiring strengthening. Luckily the opposite side faced into a test cell rather than any customer facing area.

A networked computer was set up in a cabinet in an upper storage area allowing for a video clip to be constantly streamed and a connection point and switcher were mounted below the screen area to allow for local connection by PC for impromptu presentations and meetings.

Finding ways to save our client's money



Top Left: Installing the framework using a MEWP (Extra care required as full time workshop working environment)

Upper: The first monitors are mounted onto the frame - note power and data cabling

Left: The first six monitors are tested whilst waiting for the return of the refurbished screens