

# Case Study

EMC - i54 Site, Wolverhampton  
December 2014 - February 2015



## Education & Business Partnership Centre



### Project Overview

Each of Jaguar Land Rover's main sites has an Education & Business Partnership Centre (EBPC). These are joint ventures with the local Councils/Education Departments and designed to be used for visitors, primarily educational, to visit the various facilities and learn more about engineering processes and create a greater interest in the younger generation as a possible career option.

The EBPC at Jaguar's new Engine Manufacturing Centre (EMC), Wolverhampton was to be the flagship centre for the company, enhancing the latest in innovation and technology, .



#### INNOVATIVE SOLUTIONS

The solution installed allowed for all the spaces to be used either individually or fully cooperatively, introducing some innovations in control and software integration.



#### VALUE

£159,181.55



#### MAIN EQUIPMENT

85" 4K LED screens - 65" HD LED Screens - 55" Interactive Touch Tables - 55" Samsung MagicInfo - Extron Control Systems - Interactive Touch Overlays - Ceiling Document Cameras - Wireless Presentation Systems - Holographic Displays iPad Tables - Augmented Reality & 3D Software



The EBPC consisted of 3 main areas:

1. Main Presentation Suite which would have tables and chairs that could be set out as required or left as an open space.
2. Meeting Room which again could be used for presentations, training and meetings.



3. 'Interactive Zone' based in a mezzanine area overlooking part of the Jaguar's manufacturing plant workshops.

In addition there was a reception foyer that needed some representation of the facilities work.



*We may be small, but we make a big impact*

The Main Presentation Suite had installed a Sony 4K 85" screen along with a DisplayLite Interactive Table, Ceiling Camera and 65" Screen on a mobile trolley with Interactive Touch Overlay. The main screen had direct connectivity via a wall panel and the mobile screen has a mini-PC collocated as well as option for direct connectivity.

The Meeting Room was installed with a 54" screen and Interactive Overlay, ceiling document camera and a video conferencing system, again with direct screen connectivity via a wall plate.

The Interactive Zone was fitted again with a 65" screen and Interactive Touch Overlay, these being connected to a permanent PC with options for local connectivity through a wall plate.

All systems are in turn connected to an Extron Matrix and via an Interactive Touch Wall Control Panel, users can send any presentation or image from any device (directly connected facility and guest PCs, ceiling cameras, wireless mobile devices including laptops, iPads, iPhones and Adroid), to any single or multiple end screen.

This ensures that the facility has maximum flexibility in terms of group size and disposition around the facility at any time.

In addition and in cooperation with Gaia-Technologies, Phoenix AV has overseen the production and supply of a range of 3D Holographic and Augmented Reality packages to take the centre to new levels. From the hologram of the 'exploding' engine at the entrance, to Interactive 3D Touch Games on the interactive screens to Augmented Reality views and games on the mobile devices, the JLR EBPC is now the flagship centre for the company.