

Case Study

TELFORD TIGERS ICE HOCKEY RINK



VIDEO WALL AND CAMERA SYSTEM



Project Overview

Red Touch Media were sponsoring the Telford Tigers Ice Hockey Team and wanted to provide an crowd drawing update to the ice rink.

A 3 x 3 video-wall was decided on along with a number of additional media and advertising screens within the rink area and shops. Consideration was also provided for a camera system for game action replays.



LOCATION

Telford Town Centre, Shropshire



DATE

September - October 2014



PHOENIX STATUS

Accredited Supplier & Integrator



NET VALUE

£ 59,558



MAIN EQUIPMENT

- 9 x Samsung UD55D LED Screens . 2 x Samsung ME55C LED Screens
- 1 x Samsung ME46C LED Screen . IP Cameras & Recorder . Control System

We may be small, but we make a big impact

Requirement

The request was for a series of screens in front of the audience rows. Phoenix AV's was that they would be too close and unsighted by many in the audience, the rest having to crane their necks for uncomfortable periods. The agreed suggestion was for a video opposite the audience on the opposing wall. The budget stretched to a 9 x 9 rather than a 4 x 4 but it was felt the screens would still provide excellent viewing. (See main image)

Main Video Wall

There were a number of issues to contend with for the main video-wall. They included ensuring a proper structure was built to take the weight of the wall and the restriction on working time due to the continued use of the facility. Furthermore, not only had the screens to be able to cope with the conditions, they also needed protection from malicious players aiming pucks at the screen as could be seen from the wall marks around the control booth.

With no room for MEWPs, a scaffold structure was put into place and the video-wall completed using Samsung UD55D screens. A control panel was incorporated into the controllers desk along with a switching system to allow for a variety of inputs including a wireless remote camera used to capture audience faces and game action for replay on the main screens.

Recommendations have been made for future ceiling cameras to allow for skaters training to watch themselves on the main screen.

Additional Screens

In addition, a number of Samsung digital signage screens were installed within the main cafeteria and changing area as well as the gift and sports shop for advertising and game playback.

Improving basic ideas and concepts



Scenes from the build programme
T.L. Narrow access for scaffold
T.R. 7 screens up
B.L. Protective netting
B.R. Control desk and button panel

