



Barco partners with Urben to deliver bespoke UniSee solution for oil field services company

CLIENT PROFILE

An oil field services company, employing personnel working across 120 countries, selected Urben and Barco to assist with the development an internal meeting space and experience centre within its UK office.

OBJECTIVES

Create an environment that would inspire and nurture creative thinking and idea sharing in a collaborative and engaging setting, aided by state-of-the-art audio-visual technology.

OUTCOME

- Immersive video wall experience and near-seamless canvas for touchscreen capabilities.
- Ease of maintenance and installation with Urben's controllable sliding structure.
- Uniform picture across all tiles, with automated colour and brightness
- Flexible configuration

TECHNOLOGY



Barco UniSee video wall within free-standing Urben frame

- 18 panel Barco UniSee 800 video wall
- 3 x 6 LCD bezel-less tiles (full HD)
- Touchscreen overlay
- Barco E2 processor
- In-built cooling system

To complete the complex installation to the highest standard, Barco commandeered the expertise of three leading design and technology companies. In addition to Urben, the alliance included CCOMM (specialists in defining the optimum furnishing and layout for productive work environments), and U-Touch (a leading innovator of multi touchscreen technology).

The Challenge

The customer wanted the space to provide intimate meeting areas where colleagues could break away to run brainstorming sessions and collaborate on team projects, while delivering a larger seated area where audiences could interact with visual content and on-screen presentations.

Despite challenging building restrictions, an existing space was transformed by CCOMM to create a calming sanctuary, designed to encourage productive interaction between peers within intimate huddle areas.

An open area at the front of the building was re-configured by Urben and Barco to facilitate the installation of a giant, multi-tiled, HD video wall and supporting audio-visual equipment.

As the focal point of the multi-purpose space, the video wall needed to allow for various usages (including collaborative software, video conferencing, and town hall presentations) and a high-spec system was required to translate the images with little-to-no latency. It also needed to be freestanding with touchscreen capabilities to enable real-time 'swipe, pinch and zoom' interaction.



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We're delighted with transformation; from the innovative solution design and seamless installation, to the capabilities of the touchscreen tech itself.

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- Oil field services customer

The Solution

Barco realised that its UniSee 800 was the best solution to deliver the rich depth of colour and image clarity required by the customer, added with a near seamless canvas most suited to accommodate a touchscreen overlay. As a result, Urben designed and mounted a freestanding 6 x 3 55 inch tiled video wall with Barco IP, complemented by a touchscreen overlay solution installed by U-Touch.

The video wall was able to fulfil the customer's criteria as it presents a uniformity across its bezel-less panels resulting in almost imperceptible gaps between each tile to deliver a greater flexibility and clarity of visual content. It also enables superior functionality of the U-Touch technology as the user is able to swipe from one tile to the next with ease to fully utilise the touchscreen capability.

Urben's expertise ensured that free-standing structure designed to house the equipment not only took the weight of the half-tonne custom overlay, but also provided an extremely true installation; an exceptionally flat surface to enable a flawless touchscreen experience.

In addition, Barco's SenseX calibration technology ensures that the entire 18-panel wall is consistently calibrated to a uniform quality, colour and brightness. The near seamless design ensures that regardless of the configuration, the uniformity of the images remain the same.



Urben's expertise ensured the free-standing structure not only took the weight of the half-tonne touchscreen overlay, but provided an exceptionally flat surface to enable a flawless touchscreen experience.



The Outcome

“ We now have a fantastic, flexible meeting space that reflects the quality of our brand. The state-of-the-art video wall has not only improved our own employee engagement; the stylish, collaborative environment helps foster creativity and attract the new talent. We're delighted with transformation; from the innovative solution design and seamless installation, to the capabilities of the touchscreen technology itself.

- oil field services company

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This is the perfect example of Barco seeking out and working with world-leading technology partners in order to deliver the very best solutions to meet the complex and often bespoke requirement of an individual customer.”

Andrew Dowsett,
Sales Manager for UK and Ireland at Barco

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