Multiviewer+

Application Example

Densitron's IDS solution and Bridge Technologies' VB440 combine forces to deliver a unified solution to control, route and monitor under one system. The combined application now delivers a powerful feature rich technology which improves on two already innovative vendor solutions. It is this combined technology which takes operator control to new heights of user independence and streamlined workflow efficiency.

A global broadcast facility, having just taken delivery of a new Bridge VB440 monitoring solution, also requested the latest partnership between Densitron and Bridge to deliver a sleek broadcast grade interface. It is the perfect balance between technical requirement and simplified user experience.

IDS was commissioned to provide a centralised platform for comprehensive monitoring and control of third-party systems across the IP network. The IDS system was designed to tightly integrate the Densitron-IDS 4RU Touchscreen user interfaces with their workflow practices to ensure consistency and seamless usability.

Solution

The original VB440 interface, consisting of two iPad Pros housed in a custom metal framework, have been replaced with the latest Densitron IDS 4RU control surface, a versatile 1920 x 624 RM with an IPS touch panel that provides 24/7 broadcast reliability, over and above the original consumer grade Apple products.

The new panel is only the beginning of the improvements: the integration now brings the extensive IP probe monitoring of the VB440 into the IDS domain which brings great flexibility and control to the end user. From the 4RU panel the client can now monitor real-time IP streams for proactive monitoring, deliver custom Multiview layouts to attached IDS devices on the network and allow users to continuously monitor streams to deliver maximum QOS. The solution has also been extremely flexible to facilitate the new ways of working so can be deployed on site, remotely or a hybrid distributed production model. Whether MCR or OB trucks, this new solution has delivered total flexibility to the client. By adding all other modules available within the IDS toolkit, the broadcaster can now deliver multiple aspects of their workflow from one central location. They can now route anything to anywhere, move camera positions, control set lighting, drive custom timing elements, or even drive a studio door information screen, all from the 4RU touch screen.

Global Business Director for IDS, Reuben Such said, "We built the original VB440 integration along with the 4RU control interface initially to mimic the functionality the iPad used at the time. We soon realised that, by doing some additional redevelopment of how the panel works, we have been able to usher in exciting new workflows and practices. This reshaped the user experienced and drove the monitor, control and routing capabilities level up to that to match the demand of the client."

All existing IDS applications on site were incorporated into this one solution. So, in addition to the routing and monitoring, development and integration of DMX lighting control and camera recalls (robotic pedestals and PTz heads) were added to upgrade device controls and provide additional options in multiple areas. The 4RU Touchscreen is a handy and ergonomic user interface for controlling remote equipment, and distributing media content, and sharing critical operational information over an IDS network.

IDS has provided each area with multiple levels of custom control. The Multiviewer+ upgrade has enabled workflow operation to be simplified and efficiency has been maximised across the site.

Packages Available

- Standard
- Plus
- Pro

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