Maritime Simulator

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Project: STAR Center upgrades world-renowned maritime simulator for unparalleled 360 degree training experience

DP, Scalable Display Technologies, a leading provider of software for automatic edge-blending, and Electric Picture, a leading systems integrator recently collaborated on a significant system upgrade to STAR Center’s maritime training simulator in Dania Beach, FL. This upgrade resulted in increased imagery resolution and vertical coverage, improved color management and made overall system maintenance more efficient.

There were three main items that Brian Long, director of STAR Center, wanted the upgrade to address: the image quality from the outdated projectors wasn’t up to standard, the external warp and blend boxes in use needed regular maintenance, and the system needed overall color controls. As the system was in such a high-use application, a long-term components warranty was also important to ensure the simulator performed at top level for years to come.

The existing projectors were replaced by nine of DPI’s higher-resolution HIGHlite WUXGA 660 projectors with built-in advanced warp and blend capability, courtesy of their internal Fusion software. With the ability to run in both single and dual-lamp mode, the HIGHlite displays allow the STAR Center to accentuate extreme brightness or increased lamp efficiency based on the configuration. Additionally, the HIGHlite displays came with 3-year factory warranties. A further benefit resulting from the projector upgrade allowed Electric Picture to increase the simulator’s vertical field of view.

Projector Used
- HIGHlite WUXGA 660

Feedback from the Client
“The upgrade was a resounding success. The extra projected height reinforces that feeling of depth and full immersion and gives the simulator a much more realistic feel. The experience is very similar to being on an actual ship.” – Brian Long, director of STAR Center

HIGHlite WUXGA 660

Key Features:
- Dual 330W High Intensity Discharge Lamps
- Incredibly bright 3-chip DLP display
- 8,000 lumens - bright enough for most any venue
- Large-screen precision projector for awe-inspiring impact