



U.S. Coast Guard Case Study

CHALLENGE

Pathfinder Systems, a software and systems engineering firm specializing in the management and execution of U.S. government contracts, was selected to develop a Coast Guard Aircrew Weapons Trainer (CGAWT) in support of the U.S. Coast Guard's helicopter aircrew weapons training program. The system was required to deliver the exceptional visual accuracy that is necessary for this mission-critical training.

SOLUTION:

Pathfinder developed a system consisting of a motion base from Sarnicola Simulation Systems, Inc., an image generator system from Aechelon Technology, Inc., and Scalable Display's EasyBlend™ calibration software. Pathfinder selected Scalable's EasyBlend to calibrate the color and geometry of an array of seven full HD JVC projectors. The CGAWT is now installed at the US Coast Guard Aviation Training Center in Mobile, Alabama, where it will serve as a simulation device to train aerial gunnery.

IMPACT:

Because of the unique operational requirements of its customers, Pathfinder Systems must rely on a select group of partners who can meet the highest possible technology and business standards. Scalable's EasyBlend technology was the solution of choice to meet Pathfinder System's stringent standards by delivering the high level of geometric accuracy required for weapons training. By incorporating EasyBlend into its CGAWT system, Pathfinder was able to achieve the visual realism the Coast Guard needs to effectively train its members to keep U.S. waters safe.

ABOUT SCALABLE DISPLAY

Scalable Display Technologies, Inc. is a leading provider of auto-calibration software used to create edge-blended displays. Its patented EasyBlend™ software, developed a decade ago at MIT, simplifies the creation of super-resolution, multi-projector displays of the highest quality and scalable size. EasyBlend opens the door to widespread use of multi-projector displays for a new class of simulators based on off-the-shelf components, as well as supporting new forms of digital signage and data visualization tools. For more information, go to <http://scalabledisplay.com>.

HIGHLIGHTS

Product: EasyBlend FX
Projectors: 7
IG: Aechelon
Screen Shape: Custom (bath tub)



scalable



DISPLAY TECHNOLOGIES

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