

Solution Story: Expeditionary Warfare Training Group Atlantic

Another quality solution by the iSoft Team



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The Expeditionary Warfare Training Group Atlantic (EWTGLANT) reached out to iSoft as a trusted advisory to develop a design to modernize their core classroom which was used to train students in Tactical Air Control, Joint Fire Observer and Fire Support Coordination. EWTGLANT instructional staff had put together an outline of the desired end state and functional requirements of their new classroom. The key elements identified were an interactive classroom with a class recording /archiving system and a closed circuit monitoring system. The Command then turned their attention to looking for an integrator to present an innovative design solution that would address all their needs but also stay within budget. After several consultations, iSoft was awarded the project on the basis of best value technically acceptable.

Highlights

- Interactive classroom allowing instructor and student to communicate throughout the training session.
- Closed circuit system used by multiple instructor's and the Director of Training allowed for continual improvement and observation.

iSoft provided an upgraded HD projection system and electronic screen more appropriate for the size room and ambient lighting. We ruggedized tablet laptops with touch screens to provide each student

location and the instructors to tie to interactive classroom management software. This SMART sync software solution was implemented to provide instructor – student collaboration. The design allows instructors to monitor all students' laptop screens from the instructional lectern, control any content viewed and even lock out all computer screens while sending a custom message to capture student's attention. Instructors can broadcast student laptop on the main room projection screen to review individual or group mission scenario responses. Students and instructors can message each other, submit questions and exchange documents through the system.



A classroom recording/distribution and archiving system was installed to capture both audio and video of instructors teaching as well as slides being presented. The system consisted primarily of a high performance HD recorder enabling easy editing and recording in multiple formats, integrated with an HD two - camera system providing a tracking camera and reference camera for smooth camera transitions between the instructor and the class. This system allows the lessons to be distributed to students via DVD and through the EWTG website. In additional, achieved lessons are used in training new subject matter experts as they prepare to assume classroom training responsibilities. The same cameras are multi-tasked to also support a close circuit system broadcast to multiple instructor's offices as well as the director of training, allowing them to keep track of schedule timing, of common student questions, or for identifying student trends.



EWTGLANT is happy with their classroom design and functionality and continue to call on iSoft Solutions for additional projects.

