MULTIMEDIA SOLUTIONS

USING LEADING-EDGE TECHNOLOGY, OUR PROFESSIONAL TEAM HAS DEVELOPED A REPUTATION FOR DELIVERING ENGAGING COST-EFFECTIVE MULTIMEDIA AND TRAINING SOLUTIONS.

DID YOU KNOW?

Studies have shown that learners retain 20 percent of what is heard, 40 percent of what is seen and heard, and 75 percent of what is seen, heard and done. Using products from Vencore’s Multimedia Solutions, learners complete courses in one-third of the time compared to those receiving traditional instruction. In addition, our learners reach competency levels up to 50 percent higher.

WHAT DOES THIS MEAN?

We design courseware to be self-paced and interactive to allow learners to pause, branch or stop for further remediation, exploration or retention. This interactive functionality encourages non-linear thinking and increases retention.

OFFERINGS

- Instructional systems design
- Interactive courseware
- Graphic design and technical illustrations
- Publication design
- Video and audio production
- Website design and development
- Software and hardware simulation
- Process/desktop procedures tutorials
- Web application development
- 2D and 3D animation
- 3D modeling/visualization
- Presentations

“You guys are doing great work. The media presentation I saw this morning far exceeds the power point stuff the Services are currently using. The instructors will love it!”
-- Instructor, Joint Personnel Recovery Agency

“Awesome training modules!! Very realistic and hands-on!”

“Cool training modules – easy to navigate and understand.”
MULTIMEDIA SOLUTIONS: CASE STUDIES

QUAD-TILT ROTOR AIRCRAFT

CHALLENGE: Create a promotional 3D video showcasing a proposed Quad-Tilt Rotor Aircraft.

SOLUTION: Using rough paper sketches of conceptual aircrafts and ships under consideration by the customer, produce a 3D video that demonstrates the proposed aircraft’s benefits and capabilities.

RESULT: Vencore produced a 13-minute DVD video that enables the company to showcase this revolutionary aircraft at trade-shows, industry presentations and national defense conferences.

APPROACH/LEARNING STRATEGY: 3D Modeling, Video/Audio Production, Graphic Design.

PM MOBILE ELECTRIC POWER

CHALLENGE: Create a sustainment training package to support the maintenance for the 3kW Tactical Quiet Generator.

SOLUTION: Produce a five-hour, level 3 interactive multimedia training package that uses 3D models, animations, video, narration, and student collaborative response to demonstrate the steps for generator trouble shooting and maintenance. The training package uses simulation, tutorial/inquiry, and drill/practice strategies to reinforce learning and comprehension.

RESULT: Vencore produced and incorporated, into an interactive training package, high fidelity 3D models of the generator that provides a virtual experience for the student. Students interact with a “virtual generator” without the fear of breaking the expensive piece of gear and without the cost and logistics of fielding a generator to each training site. We produced an automated tool kit that prompts the student to pick the correct tools and steps for each maintenance step. The maintainer training includes actual generator sounds on successful start up. This SCORM compliant training package has been dis--tributed to operating units and has received highly positive student feedback.


COMBAT OPERATIONS CENTER

CHALLENGE: The Combat Operations Center (COC) is the United States Marine Corps’ (USMC) largest command post system providing network, communications, tactical data systems and operational facilities for mobile C2 operations. The USMC needed a complete CBT package designed for refresher/sustainment training for Marines after the COC NET team departs the unit.

SOLUTION: Produce a highly interactive training package that includes detailed procedures required to ensure each component of the COC is ready for operation.

RESULT: A highly interactive training package that teaches the detailed procedures and requirements for operating and maintaining tents, generators, computer workstations, visual displays and communications equipment. This training package consists of advanced animations and simulation, a virtual walkthrough of the COC, avatars, comprehensive module testing, as well as provides a certificate of completion.