BLENDED LEARNING SOLUTIONS

OVERVIEW

LSI's training and training development specialists develop and implement blended learning solutions consisting of institutional training and training products and Interactive Multimedia Instruction (IMI) products for several customers including the US Army Soldier Support Institute (SSI), the US Army Chaplain's Center and School and the US Army Sustainment Center of Excellence (SCoE). Training products are developed from courseware and training products that are Sharable Content Object Reference Model (SCORM) compliant and conform to the US Army Training and Doctrine Command's (TRADOC) standards and specifications for Institutional and web-based e-Learning products. LSI's IMI products can be used on Android and iOS mobile utilizing the PhoneGap Framework. Using Instructional Systems Design (ISD)/ADDIE) processes and technologies, LSI technologists evaluate media and product requirements to determine the most appropriate learning and design strategies and develop learning products that provide effective training/learning solutions.

FEATURES

Technologies and software include the following:

❖ Adobe developmental tool suite	❖ Calibre	❖ XML
❖ Lectora Inspire	❖ Wordpress	❖ JavaScript
❖ CSS	❖ Blackboard	❖ JQuery / JQtouch
❖ HTML5	❖ AJAX	❖ MySQL
❖ Node.js	❖ PHP	❖ Eclipse
❖ Authoring Ware/Tools/LMS	❖ Xcode	❖ Sharepoint

BENEFITS

Instructional Design and Instructor Support Services
LSI curriculum developers analyze, design, develop and implement relevant training and learning solutions for management, analysis, revision, and development of customer training courseware /Programs of Instruction (POIs). Our Instructors and functional writer-developers use their professional knowledge of the principles, practices, and techniques of training and training development to design, develop, present, and evaluate individual and collective training/learning programs for our customers.

IMI Training Solutions
LSI personnel develop distributed learning (dL) courseware in compliance with SCORM requirements and with the Connecting Soldiers to Digital Applications (CSDA) program guidelines. We evaluate media and product requirements to determine the most appropriate design strategy, the placement and appearance of visual and audio elements, and the media requirements for dL products using approved Government authoring tools and Learning Management System (LMS) to support worldwide blended learning requirements. One example of our IMI courseware solutions is described as follows:
  ❖ Designed, developed and programmed mobile applications that run on both Android and iOS platforms. These applications utilize the PhoneGap build system and an in-house framework to streamline development and maximize performance. These apps contain course content, calendars, learning games, and pre-assessments that report data directly to the SSI SharePoint system.