Extensive experience in learning combined with our custom software development expertise allow our team to develop innovative and transformative solutions.

As a pioneer in advanced distributed learning, Concurrent Technologies Corporation (CTC) implements and enriches professional learning experiences by exploiting a system of systems methodology, open architecture standards, sharable learning object technology, and international learning standards—delivering training transparency across an enterprise. We have decades of experience creating standards and evolving digital learning and human performance solutions, and expertise with numerous learning management systems, authoring tools. We also work with leading-edge technologies such as eLearning cloud solutions, experience application programming interface (xAPI), repositories and registries, user profiles, augmented/virtual reality, game engines, and more.

Readiness and Training

Concurrent Technologies Corporation
Collaborative Authoring Tool (Cognizen)

A User-friendly, Template-based Authoring System

Cognizen puts the power of e-learning development in the hands of the content creator to create content for Distance Learning, Micro Learning, Mobile Learning, and Shared Note-taking in a common, shared, open source, collaborative environment. Cognizen is an online, collaborative, open source content authoring environment that can produce interactive and engaging eLearning that supports SCORM (1.2 and 2004) specifications and 508 accessibility compliance. Cognizen accelerates the development of distance learning content through the use of instructional templates while providing a controlled/managed work environment for configuration management, review, and project management. This user-friendly content development tool supports project management, content creation, content packaging, storyboarding, commenting, and testing—the entire course creation process.

Small Group Scenario Trainer

Create, Modify, Manage, and Deliver Online Team Training

Our small group trainer application has supported multiple combatant commands and is a next-generation learning environment for online/on-demand scenario-driven training, mission planning and rehearsal, and course of action analysis for individuals and teams. This application allows for reusable and flexible scenario creation, real-time remediation, learning content navigation and tools for creating avatar-delivered performance support to stimulate critical thinking and learning.

- UNIQQE development and delivery platform for small group/team training experiences
- Allows training and education developers the ability to create multi-learner experiences quickly and cost-effectively
- Enables rapid content development AND rapid adaptation of content
- Engages experts during training
- Incorporates traditional training, avatars, communication, and collaboration tools

Advanced Technology Development

Augmented and Virtual Reality Research, Development, Test, and Evaluation

At CTC’s Mixed Reality Lab, researchers conduct tests and construct prototypes using the latest in virtual and augmented reality devices and software. The outputs from this process are used to help develop new client programs, innovate within existing programs, and improve the mixed reality knowledge base by publishing peer-reviewed research and presenting at industry conferences. CTC conducts research, development, test, and evaluation across the mixed reality continuum. CTC is exploring applications of mixed reality to provide more optimized and effective training solutions.

Section 508-Compliant Solutions

Ensuring Online Training is Accessible to All Learners

Ensuring online and on-the-job training is accessible to all learners, including those with disabilities, is a critical focus for CTC. Our Section 508 (and 504) services provide support for:

- Sections 508 (and 504) analysis and consulting
- Accessible technology development
- Section 508-compliant training
- Authoring tools to deliver Section 508-compliant content

Designing and developing online training accessible to all learners can be challenging. Team CTC ensures compliance with accessibility regulations as spelled out in Section 504 and 508 of the Rehabilitation Act (29 U.S.C. 794d) by focusing on optimizing instructional strategies for accessibility, particularly for vision-impaired learners who use assistive technologies such as screen readers.

Contact

Bob Kubler, Senior Director, Readiness and Training, (703) 310-5692, kublerr@ctc.com