Integrated Learning Environment

An Integrated Learning Environment (ILE) is a collection of learning-centric enterprise class applications that are tied together to simplify and extend the benefits of electronic learning. CAE offers a complete and comprehensive ILE consisting of an ILE portal which provides access to key learning services including:

- Learning Management System
- Learning Content Management System
- Conferencing and Collaboration
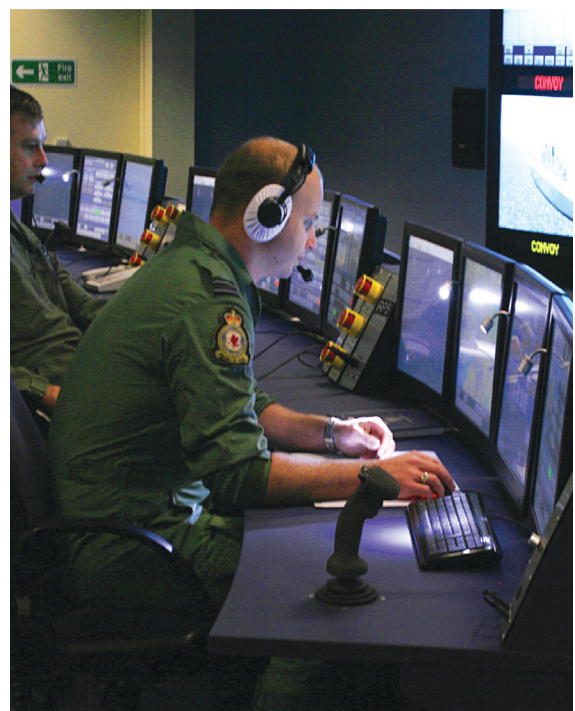- Resource Management System
- Help Desk

CAE's ILE solution, which consists of industry leading, off-the-shelf software, is based on each customer's unique requirements. The ILE is a proven, reliable, integrated set of commercial off-the-shelf software products that are used by civilian and military forces around the world, including the US Army and the US Navy, and the Royal Canadian Air Force (RCAF). This is an ideal solution for both civil and military customers, providing an environment through which to deliver top quality training in a timely and cost effective manner while reducing training development cost and effort.

Features

- Integrates training lifecycle management
- Interoperable with existing systems
- Based on stakeholders' business processes
- Provides a secure repository and pipeline for all business interactions
- Transparently integrates customer, contractor and subcontractor systems
- Delivers fully audited data
- Certifiable at all levels of security classification
- Distributed management system across multiple schools and stakeholders
- Reconfigurable to evolving business processes

Functionality

- Data management and communications
- Data validation mechanism
- Rules-based translation between various standards
- Comprehensive reporting
- Control and security of data
- Objective performance measurement & event responsibility attribution

Training Processes and Systems

- Learning application implementation
- Instructional systems development
- Collaboration suite
- Integration services
- Maintenance and life-cycle service delivery
- System training, mentoring and help-desk
- Security services

Learning Management System (LMS)

- SCORM 2004 certified
- Data partitioning across training establishments
- Application configuration and business process support
- Ability to manage the demands of multiple users across the enterprise through a scalable implementation
- Asynchronous collaboration - "Communities of Practice"
- Supports "peer-to-peer" and informal learning
- Synchronous tool integration

Collaboration Tools

- Discussion forums
- Training delivery

Resource Management and Scheduling (RMS)

- Optimization of training resource utilization
- Real-time control over all training and learning operations
- Data partitioning across training establishments
- Online proficiency tracking
- Maximizes usage and benefits of training devices
- Metrics-based training cost analysis

Learning Content Development and Training Document Management

- SCORM 2004 certified
- Single repository for documentation and material
- Traceability between documentation and material
- Data partitioning across training establishments
- Application configuration and business process support
- "Single sourcing" across various output formats
- Technology obsolesce management
- Microsoft Office tool integration (input and output)

CAE