



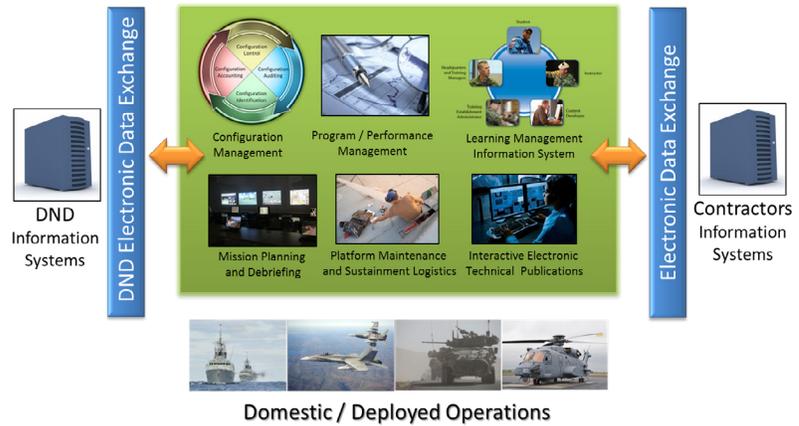
Electronic/ Integrated Information Environment

Overview

Emerging conflicts around the world require global defence forces to maintain high levels of combat readiness. Today's evolving mission requirements, as well as stringent regulatory standards, are creating additional operational challenges. Equipment must be mission ready and rapidly deployable to diverse theatres of operation. In parallel, life cycle managers and contractors need to be aware of the performance of their programs and systems so they can identify performance issues and determine the best course of action at minimal cost and impact to operations. An all-encompassing performance measurement management system is key to maintaining fleet operational readiness.

CAE's Electronic/Integrated Information Environment (EIE/IIIE) solutions provide the required performance management system for any operational situation. Our solutions help commanders get the needed flexibility to adapt their operation and maintenance processes to the ever-changing requirements imposed by real combat situations.

Over 1,000 Canadian Forces personnel are using CAE's EIE/IIIE systems



The process

CAE offers scalable EIE/IIIE solutions, and the expertise to integrate existing customer and contractor corporate systems to provide real-time information sharing for all stakeholders over the entire life cycle of your product or program. Our scalable solutions can be readily adapted to meet specific program needs. These invaluable tools coupled with CAE's program management expertise and mature processes ensure that your performance-based accountability requirements can be successfully implemented and managed. Our solutions offer additional cost saving opportunities by enabling network-centric life cycle management and in-service integrated logistics support (ILS) processes.

Experience

Through extensive experience supporting the Canadian CF-18 fighter fleet, CH-148 Cyclone maritime helicopter, CC-130 maintenance training devices and the Sperwer Tactical Unmanned Aerial Vehicles (UAVs), as well as the Defence Learning Network (DLN), CAE has considerable EIE/IIIE solutions development and support expertise meeting the needs of its customers.

Your worldwide training partner of choice



EIE/IE features

CAE's EIE/IE solutions have built-in redundancy to avoid system failure, and are scalable to suit the specific program needs and implementation. Some of the features include:

Program Management

- Management control system
- Requirements management
- Action items
- Risk and issues management
- Data management
- Performance measurement system

Mission briefing and analysis

Technical problem management

Learning information management

Logistic support analysis repository

Collaboration suite portal

Computerized Maintenance Management

- Maintenance planning
- Preventive, corrective, condition-based maintenance
- Technical records
- Component history record
- Weight and balance

Materiel management

Interactive electronic technical manual

Configuration management

Health and Usage Monitoring System (HUMS)

Deployed operations support

Benefits

Optimized Fleet. Combat System Support. Performance-Based Logistics.

- Measure and quantify key performance indicators and enable increased fleet and systems availability
- Enable root cause analysis for systems/equipment degradation
- Effectively manage multiple systems configurations
- Quantify overall maintenance and logistics performance
- Enable an optimized preventive maintenance program
- Rapid access to logistics information (total asset visibility)
- Optimize performance using best commercial practices
- Improved asset distribution (right spare, right place, right time)
- Support obsolescence management
- Identify and recommend process improvement opportunities
- Lower total cost of ownership while maintaining operational capability
- Enforce fleet airworthiness / seaworthiness regulations
- Contribute to strategic planning

Certifications

CAE's Integrated Information Environment is certified and accredited to work over the Canadian Forces Defence Wide Area Network (DWAN). Our EIE/IE solutions comply with the Department of National Defence Airworthiness Policy to meet the stringent constraints of military operations, embedding the critical maintenance policies and procedures set out by the Technical Airworthiness Authority.

CAE's EIE/IE solutions are modular and feature an open architecture that allows easy interface (through Electronic Data Exchange) with peer systems through the production system (operation critical) and/or through a dedicated Collaborative Environment (CE) (business critical) portal. The system can support airborne, naval and ground-based platforms and is scalable and adaptable to any

Canada

Tel: +1-613-247-0342
milsim@cae.com

Europe

Tel: +49-2402-106-0
info@cae-gmbh.de

India

Tel: +91-80-2625-6000
caeindiapvtltd@cae.com

United States

Tel: +1-813-885-7481
cae_usa@cae.com

Australia

Tel: +61-2-9748-4844
caeaus@cae.com.au

Middle East

Tel: +971-2-676-7676
milsim@cae.com

United Kingdom

Tel: +44 (0) 1444-247535
cae_plc@cae.co.uk

Asia

Tel: +65 6430 4390
milsim@cae.com

Corporate Headquarters

Tel: +1-514-341-6780
milsim@cae.com

Your worldwide training partner of choice

milsim@cae.com

 @CAE_Defence

 CAE

cae.com

