

AVIATION SIMULATION

# XR Series Training Suite

CAE7000XR<sub>SERIES</sub>

Tools and expertise  
ensuring safer flight

**How do you  
better train a pilot?**

**With better tools.**

With 75 years of experience, CAE knows the importance of having the right tools for effective training delivery. Discover CAE's innovative XR Series training equipment suite, from training management solutions to full-flight simulators, and enhance your operational excellence today.

# CAE's XR Series products for all training phases

## Plan

Efficiently organize  
your training

### Training management



### Scheduling Management (SCHED)

- Effectively manage, track and utilize resources for crew training scheduling.

### Qualifications Management System (QMS)

- Electronically manage, store, notify and monitor your crew qualifications.

### Electronic Training Records (ETR)

- Electronically create, collect and store your training assessments, allowing you to effectively manage your AQP/ATQP and EBT programs. Generate reports and create training performance analytics.

### Learning Management System (LMS)

- Track online / offline and organize your crews' learning and training content.

### Exam Generation System (EGS)

- Store and manage your exam and assessment questions online, and easily generate exams, quizzes and questionnaires.

Optimize your training with the tools that:

- Schedule your training
- Manage your crews' qualifications
- Organize and store your training records
- Plan and distribute your training

## Learn

Acquire aircraft knowledge  
with interactive technology

### Ground school training



### Aviation Training Courseware

- Deliver your training with the aid of one of the largest, independent courseware libraries in the industry for both aircraft type specific and special operations courseware.

### Virtual Simulator (VSIM)

- Augment your pilots' aircraft familiarization via our desktop aircraft simulator that delivers the same simulation fidelity as a full-flight simulator.

### Instructor Toolbox

- Offload your VSIM and benefit from efficiencies by enhancing your classroom with tools that create customized lesson plans, animated presentations and interactive scenarios.
- Record custom training scenarios that can be played back on a desktop computer or tablet, allowing for continued learning outside the classroom.

### An engaging approach for:

- Cockpit familiarization
- Aircraft systems knowledge
- FMS skills development

## Practice

Practice essential skills in a realistic cockpit environment

### Flight training devices (FTD)



CAE400XR SERIES

CAE500XR SERIES

CAE600XR SERIES

#### CAE 7000XR full-flight simulator proven capabilities:

- CAE XR simulation fidelity and instructor interface
- CAE XR lesson and flight plan upload capabilities

#### Responsive multi-touch cockpit graphic interface (CAE 400/500XR)

#### Tactile flight controls (CAE 500XR)

#### Fully tactile cockpit with exact panel positioning and flight deck surround (CAE 600XR)

An optimised use of training time for:

- Normal and abnormal procedures
- FFS training session preparation

## Experience

Experience operational realism and attain best-in-class proficiency

### Full-flight simulators (FFS)



CAE7000XR SERIES

#### CAE Prodigy Image Generator

- Powered by gaming engine technologies
- True-to-life visual image
- Tools to modify or add to the airport scene

#### Next-generation instructor office

- Integrated information for easier access to advanced functions
- Intuitive lesson plan builder
- 3D map of airplane flight path with event markers
- Increased information density minimizes navigation

#### Upset Prevention & Recovery Training (UPRT) capability

- UPRT capability to meet all regulatory requirements

Improved training efficiency and the gold standard in pilot training for:

- Initial and recurrent type training
- Speciality training



## Customer support & lifecycle services

### **Maintain the training asset**

- Best-in-class support among training companies
- Over 200 resources dedicated to customer support

### **FTD and FFS upgrade to latest fleet standard**

- Standard updates
- Instructor station updates
- Visual updates
- Simulator relocation

### **Operate training center with peace of mind**

- Technician training
- Quality assurance and safety program
- Information technology infrastructure and software
- 24/7 training center management

## About CAE

At CAE, we equip people in critical roles with the expertise and solutions to create a safer world. As a technology company, we digitalize the physical world, deploying software-based simulation training and critical operations support solutions. Above all else, we empower pilots, cabin crew, airlines, and defence and security forces to perform at their best every day and when the stakes are the highest. Around the globe, we're everywhere customers need us to be with more than 13,000 employees in approximately 250 sites and training locations in over 40 countries. CAE represents more than 75 years of industry firsts—the highest-fidelity flight and mission simulators as well as training programs powered by digital technologies. We embed sustainability in everything we do.

**Today and tomorrow, we'll make sure our customers are ready for the moments that matter.**

[www.cae.com](http://www.cae.com)