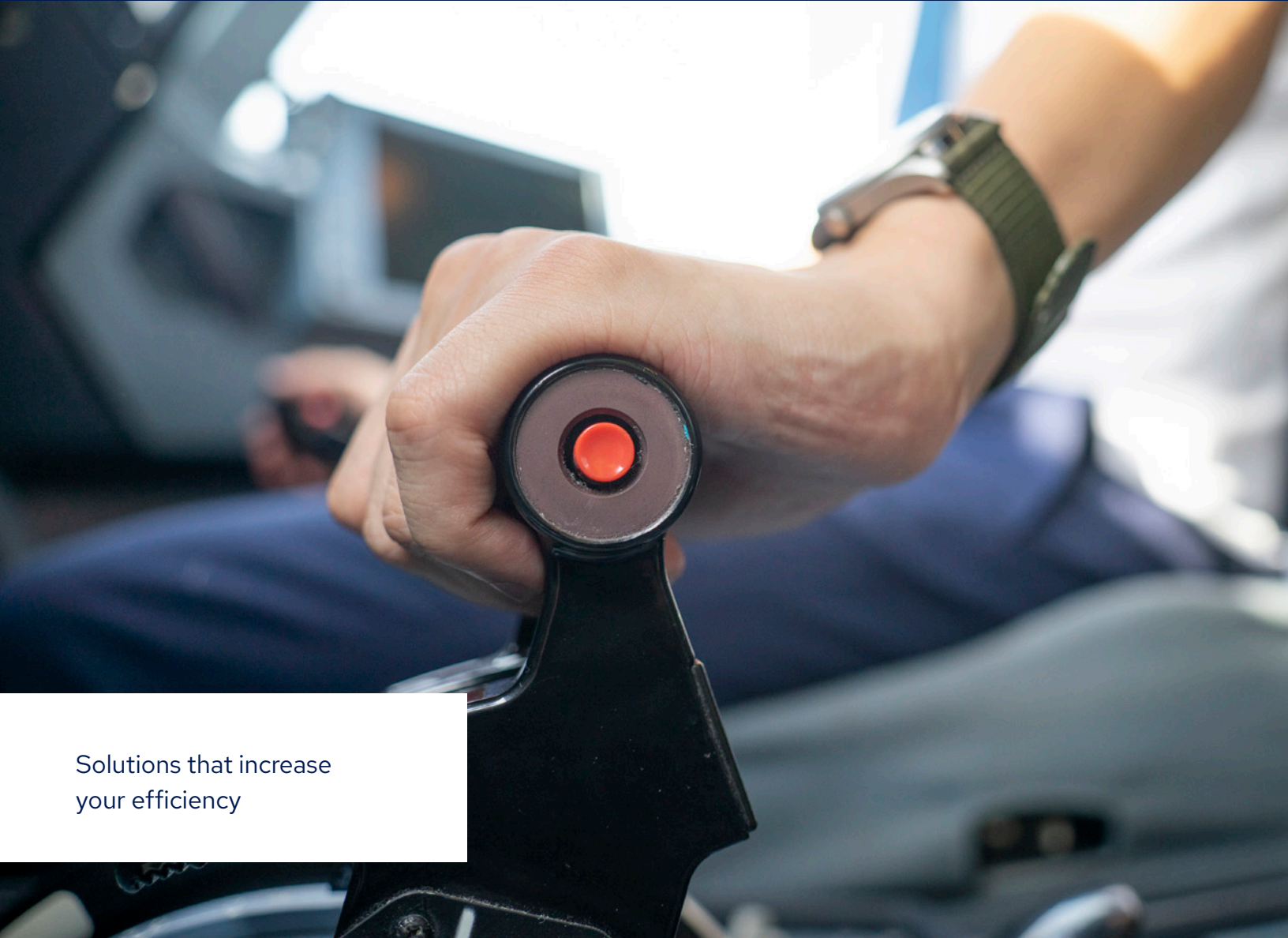CAE

AVIATION SOFTWARE

Training Management and Deployment System

Solutions that increase
your efficiency

Manage and deploy your aviation training through one solution

The Training Management and Deployment System (TMDS) is the most comprehensive aviation training and compliance management solution in the industry. It is scalable and flexible to fit the needs of your airline, flight department or training operation. Desktop and mobile, online and offline, our system can be configured according to your organization's requirements and needs.

CAE TMDS is a web-based solution providing training deployment and compliance management solutions.

Learning Management System (LMS)

Web-based, online/offline system that organizes, launches, and tracks all e-learning content.

Key Features
- Manage user enrolments and learning status
- Ensure compliance with regulatory requirements
- Upload operator and 3rd party content
- AICC & SCORM compliant

Upcoming Features
- Next-gen API-centric framework and responsive UI

CrewPad Mobile Solutions

Mobile-based apps that organize, launch, and track all e-learning content either online or offline.

Key Features
- Developed for the commercial aviation industry
- Online/Offline content deployment
- CrewPad Manager – iOS tablet app
- CrewPad Player – iOS companion app, able to launch Flash content.
- CrewPad PRO - Multi-platform app available on Windows, Android and soon on iOS

Upcoming Features
- Qualifications and Certificates available on the mobile device, offline

Exam Generation System

Web-based solution for designing and managing questions and assessments.

Key Features
- Centralized storage for exams and questions
- Question and exam versioning and approval workflows
- Multiple question types
- HTML5 Enhanced exams – online-graded exams with dynamic attempt and re-entry rules
- HTML5 Basic exams – online/offline exams compatible with 3rd party LMS systems
- Integration with LMS – publishing, debrief and analytics.

Upcoming Features
- Configurable regulator restrictions

Qualifications Management System

Web-based solution for managing employee qualifications that enables streamlining of qualification processes to ensure employee qualifications remain current.

Key Features
• Create customized qualifications and certificates
• Comprehensive notifications and reports
• Uploading of documents such as passports and licenses
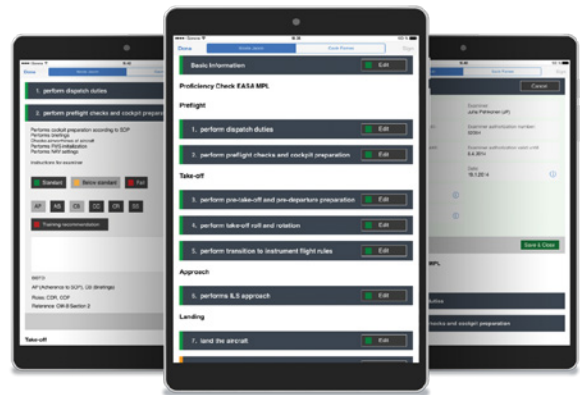• Integration with crew rostering systems

Upcoming Features
• Next-gen API-centric framework and responsive UI

Electronic Training Records (ETR, AQP, ATQP)

Allows you to collect training & assessment data online, as well as offline, store it securely and analyze the data.

Key Features
• Web & Tablet UI
• Manages all pilot check flights:
   – Skill Tests, License Proficiency Checks (PC),
      Operator's Proficiency Checks (OPC), Line Checks (LC),
      Line Orientated Evaluations (LOE)
• Offline functionality enables digital data capture during Line Checks also performed in aircraft
• Operator specific grading and assessment items, mapped to required pilot competencies or skills
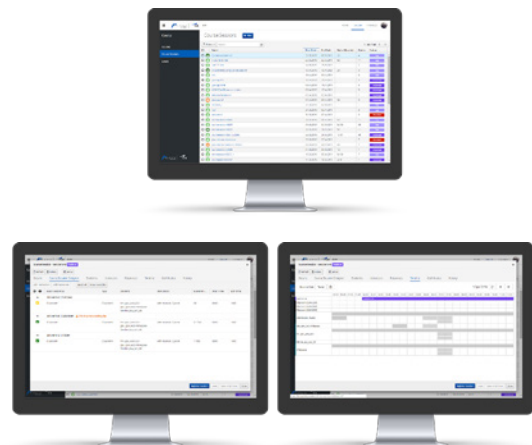

Scheduling System

Web-based, training resource and scheduling tool specifically targeted for the aviation industry. Streamlines scheduling processes and tracks instructors, students and resources.

Key Features
• Resource Management
• Course & Event Management
• Scheduling/Calendar Views
• Integration with QMS certificates
• Self-enrollment and waitlisting

Upcoming Features
• Activity types and simulator events
• Notifications
• Conflict management
• Integration with QMS qualifications

Training Management
and Deployment System

CAE TMDS is a state-of-the-art SaaS (Software as a Service) system, which is scalable and flexible for any airline, flight department or training operation. The solution supports industry standard desktop and mobile platforms, online and offline. TMDS manages all aspects of training from qualifications, notifications, curriculum/content development and deployment, classroom and simulator scheduling, electronic grading and reporting.

It enables an organization to schedule and deliver their training efficiently while ensuring regulatory compliance, reducing operating costs and introducing automation to existing work processes.

TMDS Central

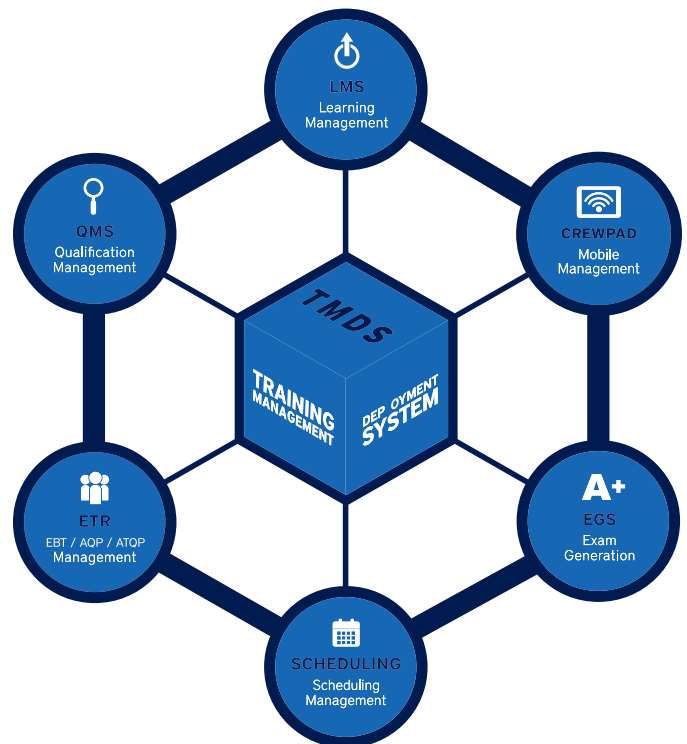Web-based, access portal to all TMDS modules

Key Features
• Centralized user management
• SSO integrations with ADFS
• Customizable Dashboard
• User Roles with action and data permissions
• Utilizes our next-gen API-centric framework and responsive UI

Comprehensive API for enterprise-wide integration with external applications

Available APIs to connect to crew management systems, human resource systems and more.

Scalable Solutions

CAE is a global leader and provider of Training and Learning Management Solutions to Airlines, Flight Departments, Training Organizations, OEM's and MRO's. Our proven track record provides organizations with cost-effective, robust, enterprise-wide training management solutions that are designed to achieve the organizational objectives of the aviation industry.

CAE is a high technology company, at the leading edge of digital immersion, providing solutions to make the world a safer place.

Backed by a record of 75 years of industry firsts, we continue to reimagine the customer experience and revolutionize training and operational support solutions in civil aviation, defence and security, and healthcare.

We are the partner of choice to customers worldwide who operate in complex, high-stakes and largely regulated environments, where successful outcomes are critical. We have the broadest global presence in our industry, with more than 13,000 employees, 200 sites, and training locations in over 35 countries.

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