

# **EMPIC-EAP<sup>®</sup>**

**The Standard Software  
for Aviation Regulators  
Everywhere**



## EMPIC-EAP®

### Safety Oversight Management Software for Aviation Regulators in the Digital World

**Built by Regulators, for Regulators**

#### ORGANISATION APPROVAL AND SURVEILLANCE

Air Operators (AOC and OPS Spec.)  
Maintenance Companies  
(Approval Certificate and Approval Schedule)  
Flight Schools  
(ATO Certificate and Courses Approval)  
Maintenance Training Organisations  
(Certificate and Schedule)  
Production Organisations  
Design Organisations  
Aerodromes  
Air Navigation Service Provider  
EASA Part-M, Subpart F  
EASA Part-M, Subpart G (CAMO)  
EASA Part-CAO

Aeromedical Examiners and Centres  
Foreign Approvals  
RPAS (UAV/Drone)

... and you can create many more, for example:

Airport Security Check  
Ground Handling Organisations  
Airside Cargo Organisations  
Dangerous Goods  
Approved Training Organisation  
Declared Training Organisation

#### PERSONNEL LICENSING

Flight Crew Licensing  
Flight Crew Licensing – Medical  
Air Traffic Controller Licensing  
Air Traffic Controller Licensing – Medical  
Maintenance Engineer Licensing  
Examinations System  
Examination Booking Tool  
Access to Security Controlled Areas  
Question Bank Subscription Service

#### EXTENDED CONNECTIONS

The **EMPIC WebClient** grants access to external Stakeholders subject to your security policies.

We offer solutions in the following areas:

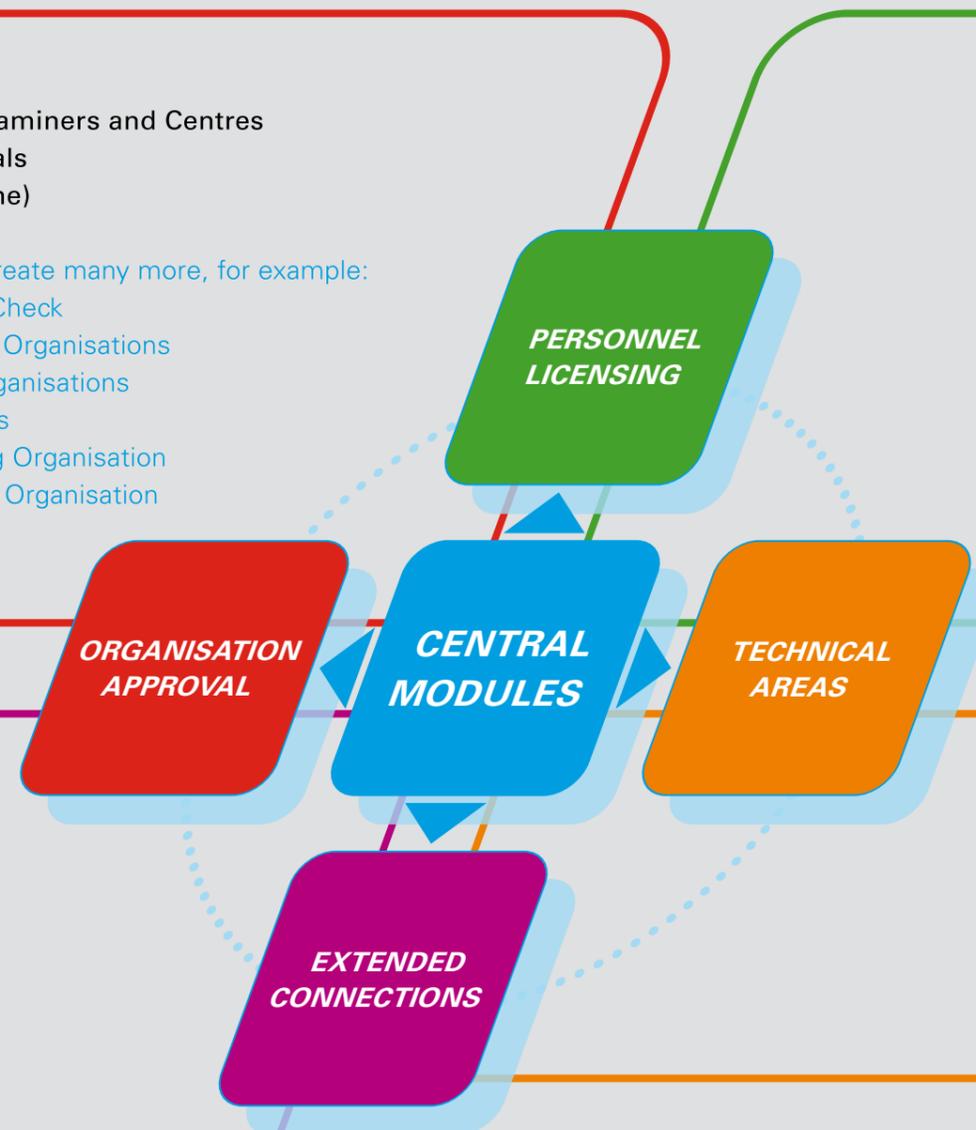
- Core
- Licensing
- Organisations
- Technical

**EMPIC-EAP® Web Service** Interfaces provide connectivity to 3rd party systems, wherever they are located. Currently available:

- Enterprise Resource Planning & Billing
  - Document Management / Archive
  - Online booking for Examinations
  - Customer Management System
  - ECCAIRS Incident Reporting Database
  - 3rd Party Workflows
  - Requests to Query Synthesizer
  - E-Payment Systems
  - Single-Sign-On
  - RPAS (UAV/Drone) API; various modules: CM, OAS, TC, AR, FCL
- and more to come ...

#### TECHNICAL AREAS

Type Certificates incl. Airworthiness Directives, Environmental Certificates  
Aircraft Registration  
Aircraft Ownership  
Occurrence Reporting  
Flight Simulation Training Devices



#### CENTRAL MODULES

Customer Management  
Security & Permissions Management  
Case Management  
Document Folders  
Surveillance Layer  
MobileSL - Online/Offline surveillance client, optimised for Windows laptops & tablets  
Query Synthesizer  
Multi-Language

Workflow incl. Graphical Editor  
Alerts  
Competency Management  
Enforcement Register  
Risk and Performance Based Oversight  
BowTie Diagrams  
Business Intelligence/Configurable Dashboards  
2-Factor Authentication

## What is EMPIC-EAP®?

EMPIC-EAP® is a software suite comprising 40+ separate, yet fully integrated modules covering all aspects of the aviation regulator's remit, and which can be deployed in total, or in part, to meet a regulator's specific needs.

EMPIC-EAP® handles the day-to-day tasks associated with accepting applications, making assessments of their suitability, issuing approvals/licences etc. together with the subsequent continuing oversight. At the strategic level dashboards, combined with powerful reporting and analysis tools, provide a comprehensive view of the safety and security risks based on real-time data across the whole industry as well as insights into how the regulator itself is performing.

## Who are EMPIC?

Since 2001 EMPIC GmbH has become **the market leader** for configurable standard software, tailor-made for aviation regulators through its flagship product, EMPIC-EAP®. The development work has been undertaken in collaboration with National Aviation Authorities to ensure the product comprehensively meets the requirements of the regulator and is continuously updated to meet a changing regulatory landscape.

Our software solution transforms the regulator's daily work of maintaining compliance with international and national aviation regulations and at the same time provides senior management with the visibility they require to control risk and to develop strategy. EMPIC-EAP® is a fully integrated yet modular Safety and Security Oversight Management System for the 21st century.

Users of EMPIC-EAP® report time and cost efficiencies, improved compliance, greater visibility of emerging safety risks and positive stakeholder engagement.

## Value for Money

EMPIC-EAP® is a proven solution that will work "Out of the Box". EMPIC GmbH have experience of over **30 implementations** in a wide variety of environments – we are confident that we can plan your project to time and to budget. Consequently, the risk of cost, time or performance failures is virtually eliminated.

The development and maintenance costs are shared with like-minded regulators and therefore are significantly cheaper than bespoke alternatives.

## Updates & Support

EMPIC-EAP® benefits from one main release update every year, which ensures the software continues to evolve to meet current best practice. These updates form part of the Maintenance Service contract. When purchased, EMPIC-EAP® will always be kept up to date!

Twice a year the collaborators meet at our headquarters in Erlangen to discuss any changes and improvements required and to prioritise the future development programme. This emphasis on user-determined enhancements drives our high levels of customer satisfaction.

Our implementation teams take care of project management, training, workshops, and assistance with configuration. Then, once you're up and running, our Customer Care teams provide a hotline and support in addition

to delivering regular maintenance updates and any necessary bug fixes. We also have partners in the Americas, Asia and Africa helping to deliver our comprehensive package of customer support.

## How to Buy

EMPIC-EAP® is available as a complete turnkey solution or as individual modules. We can suggest a suitable configuration to meet your immediate needs, then you can add further functionality when the need arises.

For those wishing to have a ready-to-go solution, we can offer hosting in your country in cooperation with a local cloud provider. And through our Managed Services offering we take care of all the application and data-base administration tasks in your environment.

Initial Licences for EMPIC-EAP® modules can be acquired through:

- Purchase
- Installments or
- Software as a Service (SaaS)

There is also an annual Maintenance Contract associated with each module (already included in the SaaS offer).

## Contact Details

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