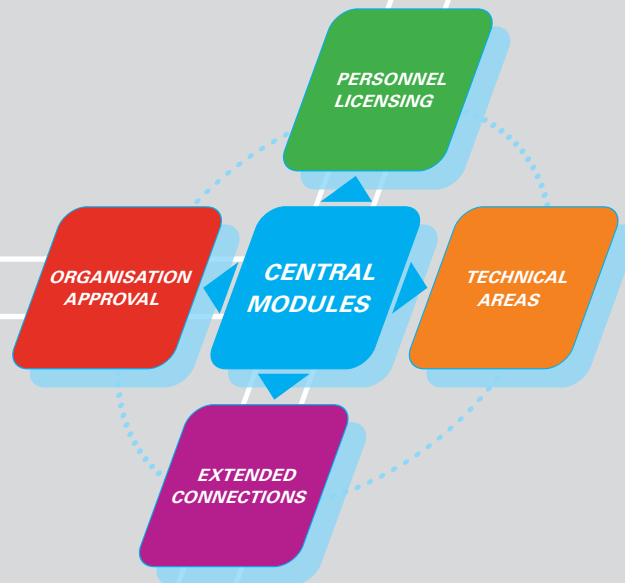


# **EMPIC-EAP<sup>®</sup>**

**The Standard Software  
for Aviation Regulators  
Everywhere**





## EMPIC-EAP®

A comprehensive, modular and fully integrated system for addressing every aspect of Safety and Security Oversight Management

Built by Regulators, for Regulators



## 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 two main release updates every year, which ensure the software continues to evolve to meet current best practice. These updates form part of the Maintenance Service contract and are at no additional cost – once 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 main-

tenance 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.

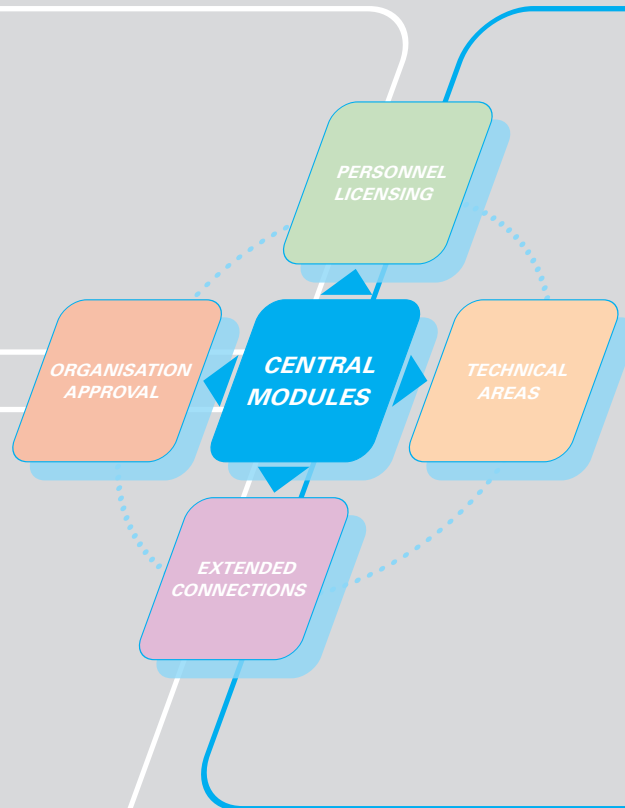
For those wishing to have a ready-to-go solution, we can offer hosting in your country in cooperation with a local cloud provider. And through our Managed Services offering we take care of all the application and data-base administration tasks in your environment.

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).



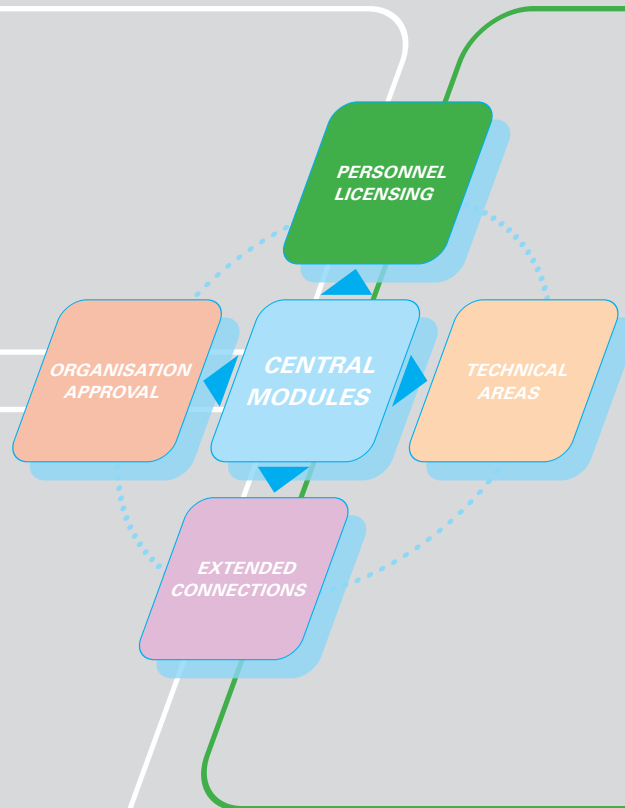


## CENTRAL MODULES

Customer Management  
Security & Permissions Management  
Case Management  
Document Folders  
Surveillance Layer  
mobileSL - Online/Offline surveillance client,  
optimised for Windows laptops & tablets  
Query Synthesizer  
Time & Expenses Tracking

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

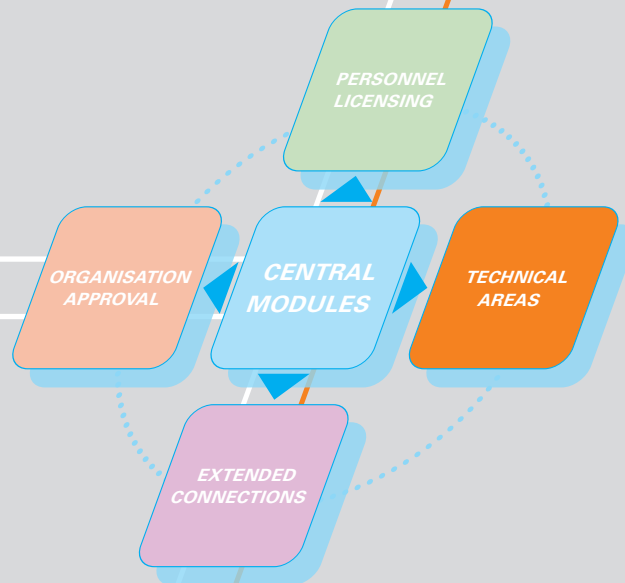




## PERSONNEL LICENSING

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



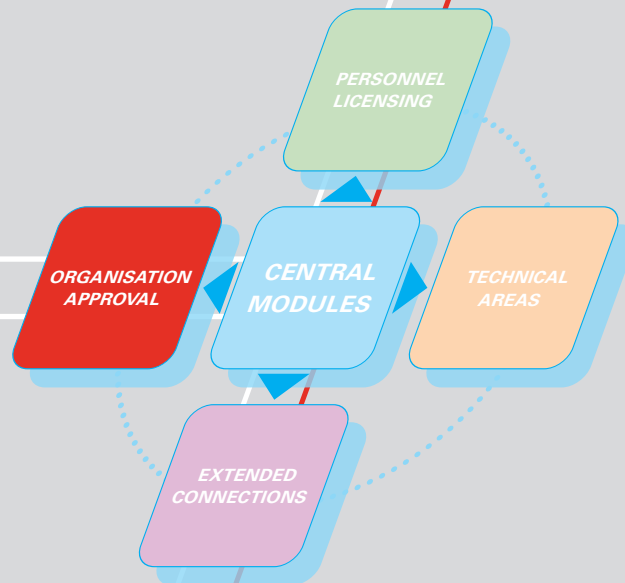


## TECHNICAL AREAS

Type Certificates incl. Airworthiness Directives, Environmental Certificates  
Aircraft Registration  
Aircraft Ownership  
Accident and Incident Management  
Flight Simulation Training Devices







## ORGANISATION APPROVAL AND SURVEILLANCE

The following Use Cases are available.

- 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

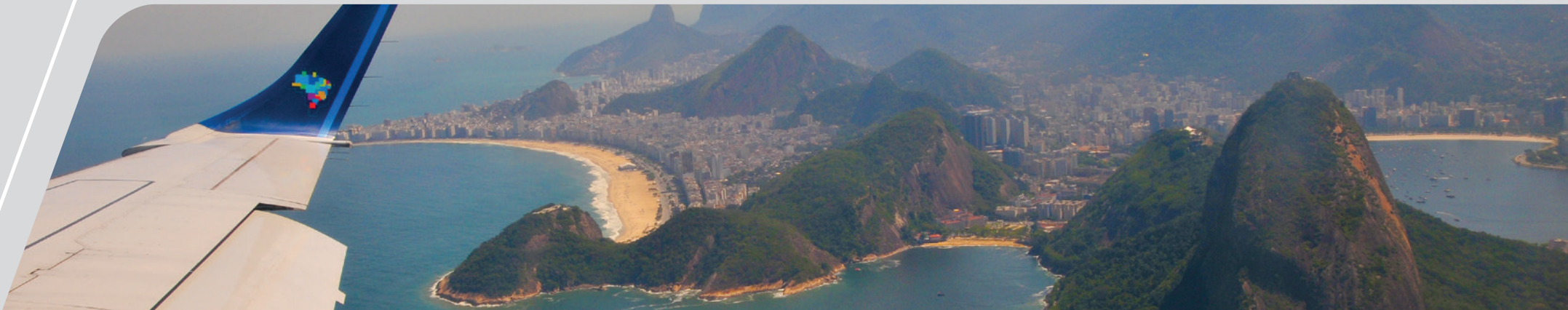
Ground Handling Organisations

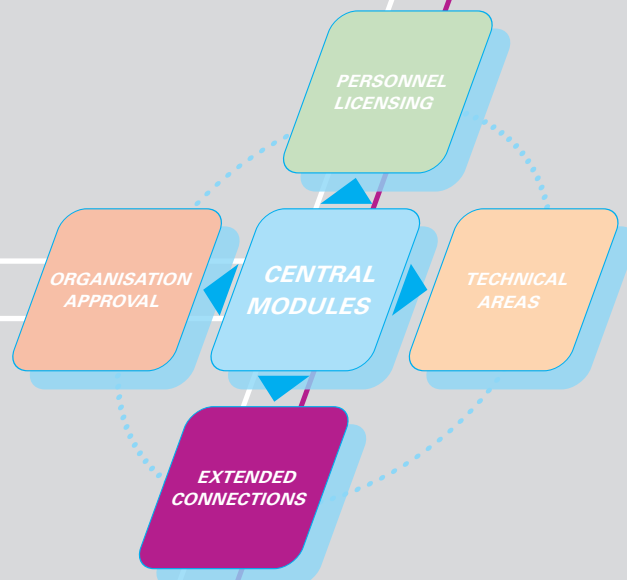
Airside Cargo Organisations

Dangerous Goods

Approved Training Organisation

Declared Training Organisation





## EXTENDED CONNECTIONS

The **EMPIC-EAP® Web Client** grants access to external Stakeholders subject to your security policies.

The Use Cases already developed allow:

### Core

- Users to manage their profile and basic data
- Users to participate in workflows and to retrieve process status
- On-Line Forms based on Workflow
- PDF Forms starting Workflows

### Licensing

- Licenced Personnel to view/edit personal information
- Flight Test notifications by Examiners
- Application for an FCL Licence
- Application for an FCL class/type rating
- Renewal or revalidation of an FCL class/type rating
- Renewal or revalidation of a maintenance licence
- Medical Application Form (for Pilots/ATCOs)

### Organisations

- Exposition Revision upload
- Corrective Action Handling (plans submitted/approved; actions reported & approved)
- Search for past audits

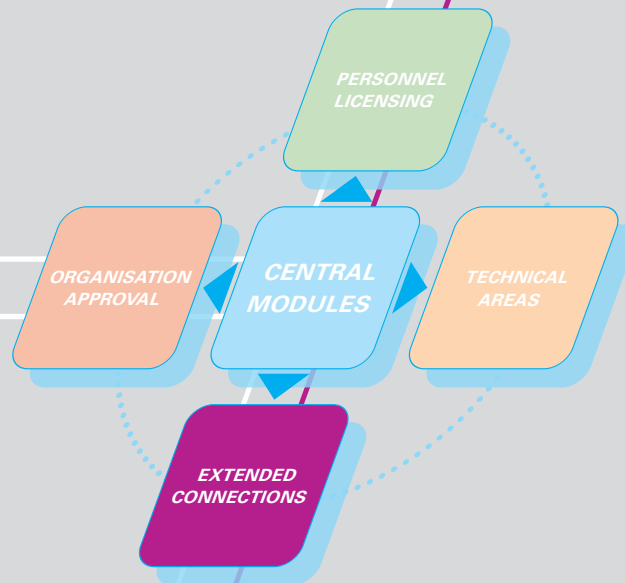
### Technical

- Reservation of aircraft registration mark
- Lodge an IDERA for a registered aircraft
- Upload ARCs (Airworthiness Review Certificates)
- Corrective Action Handling (plans submitted/ approved; actions reported & approved)
- Search for past inspections

[and more to come ...](#)







## EXTENDED CONNECTIONS

**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 ...



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