

EMPIC-Newsletter

1/06

January 2006

Dear Reader,

CAAs must **enhance efficiency**: aviation will grow by **5% per year** over the next **20 years!**



We can support your work with our software solutions. Our complete portfolio is available on the market now. We invested more than **60 man years** into the development of our current

software products. Some of our products were given a new name and we created the brand name: **EMPIC-EAP® - European Aviation Processing System.**

The standard software for Civil Aviation Authorities.

We will continue our work: new enhancements, interfaces and solutions are planned – **for the benefit of our customers!**

Enjoy reading,

Jörg K. Kottenbrink

New Partner

We are expanding into the **Middle East** and **Africa** region. EMPIC found a partner in Cairo, Egypt named **ABC** – Aviation Business Consult. ABC will promote our products in the region. First contact to CAAs have been made.



G. Karara, J. Kottenbrink, A. Kabeel, T. Abdalla at Gizeh (near Cairo, Egypt)

Focus

We are dedicated to handle the rules, recommendations, regulations, etc. of:

- **ICAO**
- **EASA**
- **JAA**
- **national**

... also in your **national language** within our software range.

EMPIC-EAP®

The list below states the modules of EMPIC-EAP®:

- **EMPIC® FCL-M:** Flight Crew Licensing – Medical
- **EMPIC® FCL:** Flight Crew Licensing, Pilot and Crew Licences
- **EMPIC® ATC:** Air Traffic Controller Licensing (planned)
- **EMPIC® MP:** Maintenance Personnel Licensing
- **EMPIC® CSM:** Company Surveillance Module and Certification (with integrated Audit and Inspection Management)

Sub modules are:

- **EMPIC® OPS:** Air Operators
- **EMPIC® MC:** Maintenance Companies
- **EMPIC® FS:** Flight Schools
- **EMPIC® MT:** Maintenance Training Organisations
- **EMPIC® PO:** Production Organisations
- **EMPIC® DO:** Design Organisation
- **EMPIC® AP:** Airports
- **EMPIC® ATM:** Air Traffic Management
- **EMPIC® TC:** Type Certification, Airworthiness Directives and Environment Certificates
- **EMPIC® AR:** Aircraft Registration
- **EMPIC® AO:** Aircraft Ownership
- **EMPIC® OMS:** Obstacle Management System
- **EMPIC® QS:** QuerySynthesizer, Query Tool for cross Module Reports
- **EMPIC® ERP:** Interface to Enterprise Resource Planning Software (like SAP R/3)
- **EMPIC® CM:** Customer Management (Contacts, Addresses, Groups)
- **EMPIC® SEC:** Security, Permission Management to all Modules

New Version EMPIC FCL-M

In February 2006 we will launch the version 3.0 of EMPIC® FCL-M. **Version 3** is compliant to JAA JAR FCL 3 amendment 4.

Vision and further Development Perspectives

During conversations with customers and potential customers we discovered several areas of further interest. Some new features for the future could be:

- **Integration of end users** (like pilots, flight schools, operators etc.) into EMPIC-EAP® modules via a WEB portal. Two areas:
 - **Status check** of an ongoing inquiry
 - **Data entry** of certain areas
- Support for **digital signature** or similar authentication procedures
- Own **workflow** tool or interfaces to workflow engines to support structured processes
- **Electronic payment** with credit card

Additional security and authentication

Some of our customers expressed the wish for extended security measures, i.e. more than just a login with username and password. Within EMPIC® FCL-M we support two ways to authenticate external users like aeromedical examiners:

- **soft certificate** or
- **hardware token.**

In this case even a stolen username and password (via **virus** or **Trojan horse**) is useless for the thief!

EMPIC-EAP®
The standard software for CAAs