



CASR Platform and Modules

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CASR.Co, Civil Aviation Software, LDA

The platform



CASR (Civil Aviation Software for Regulators) is a cross-platform to all business areas of Aviation Authorities, aimed to support the workflows of each department, enabling data sharing between them.

CASR was born from the experience gathered during more than 12 years cooperation with several National Civil Aviation Authorities, allowing the development of an unique platform, covering most of the critical functions on Civil Aviation Regulation activity, with an easy to use solution.



The Platform



The platform



Designed for the management of
worldwide Aviation Regulators



Expertise exclusively focused on aviation regulators



Dynamic and easy integration of new regulatory requirements



Flexible and complete solution, fully integrated in pre-existing processes

The platform - interaction



**AERONAUTICAL
PERSONNEL**



OPERATORS



MEDICAL CENTERS



**TRAINING
ORGANIZATIONS**



AIRPORTS



**NATIONAL
AUTHORITIES**



EXAMINERS



**PUBLIC
ACCESS**



The platform - Modules



LICENSING



TRAINING



AEROMEDICAL



AIRWORTHINESS



LEGAL SERVICES



MOVEMENT REPORTING



SAF. MANG. SYSTEMS



AUDITS & INSPECTIONS



Entity Management

Customer Services

E-Services

CASR - Licencing



Issue Documents
Update Documents
Inquiry Processes

Aeronautical Personnel
Students,
Cabin crew,
Pilots
CTA, TMA,
Others



- Issuance, revalidation and renewal of licenses and qualifications
- Issuance of Foreign License Validation Certificates
- Issue of Authorizations
- Central Document Repository
- Reuse of information from the modules of Training and Medical Certification

Documentation
Requested



CASR - Training



Student Registration
Register Actions



Students
Self-proposed

Inscription



Students

Execution
Of Exams



- Bank of Questions Management
- Automatic Exam Generation
- Calendar and Event Management
- Application Management
- Computer Assisted Exams
- Automatic Classification and Guidelines

Ratings
And Guidelines



CASR - Aeromedical



Medical records →

Aeronautical Personnel
Students,
Cabin crew,
Pilots
CTA, TMA,
Others



Medical Evaluations →

AME / AMC / DCM



- Certification of AMC
- Certification of AME
- Medical Evaluations
- Certification Issue
- Medical Centers (AMC)
- Doctors (AME)
- Access to External Entities
- Ratings Management

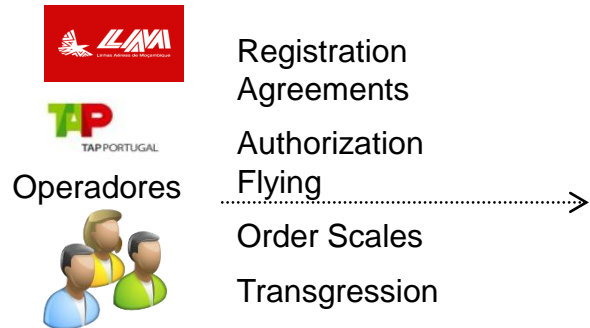
Medical Certificate →



CASR - Airworthiness



CASR - Legal



Individuals, Companies
 Or countries



Transgression



Legislation
 and Regulation



Processes
 and Ordinances



Legislation
 and Regulation



Requested
 Documentation



CASR - Movement Reporting



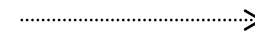
Airport Managers
and Handling
Operators

Takeoff Movements
Landing movements



- Air Traffic Data registration
- Manual Registration or Electronic File Upload
- Web Services data integration
- Data Validation
- Data Consolidation for billing purposes (taxes, assessment)

Data Validation



Financial
Movements



CASR - SMS



Public Access



CAA's

Registry of
occurrence →

Registry of
events →



- Security Plan / Hazard Registration
- Follow-ups registration
- Event Log
- Risk Management

Security
Plan →



CASR - Audits & Inspection



Inspectors

Online Forms →



Audited Entities

Correction
Log →



- Planning Audits and Inspections
- Nonconformity Registration
- Correction Log
- Extension Management
- Requirements Control

Full
Registration →



Reports →





Benefits



CASR Main benefits (I)



Integrated and centralized information database

- High data and document security
- Audit and traceability of data and operations

Few solutions in the market have this features for CAA's



Documentary repository as concept "core"

Ease of access to all types of documents
=> human resources efficiency

Few competing applications use this "core"



Technological Independence

Compatible with various technologic solutions, application servers and databases (open source and enterprise)

Independence from proprietary software

CASR Main benefits (II)



Process configuration

Customized workflows for each CAA

Competitors require changes of processes



High adaptability

Ease of customization

Reduced implementation time



Business Intelligence

Structured analysis of all the information in real time

Better knowledge



Contacts



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