



EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# The EASA Internal Occurrence Reporting System (IORS)

IORS TEAM

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Your safety is our mission.



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# What is IORS?

- EASA Internal Occurrence Reporting System
- The system to organize the processing of occurrences reported to the Agency
- The single entry point and the single interface to work on occurrences



# Objectives and functions

## ➤ Objective:

### ➤ **Improve continuing airworthiness tasks and organization oversight** by:

- ensuring the systematic follow-up of potential safety issues, and
- traceability of the decisions taken by the Agency

## ➤ Functions:

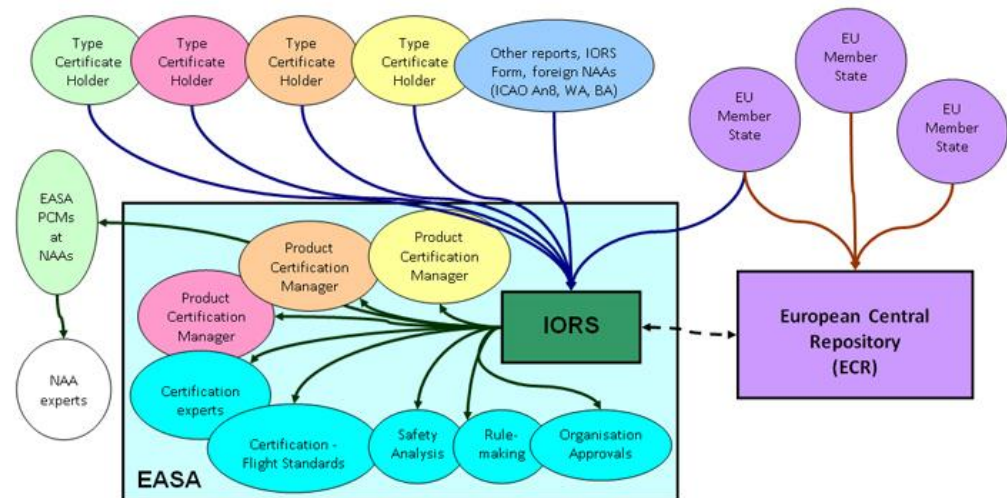
- Provide support to the end-users to process occurrences falling under EASA's remit
- Ensure the highest level of confidentiality and data protection



# Reporting Requirements (I)

- IORS is part of the EU-reporting scheme
  - EU legal requirements split responsibilities between EC, EASA and MS, so do occurrence reporting requirements
  - IORS information is complemented by MS occurrence reporting system
- IORS is not the European Central Repository

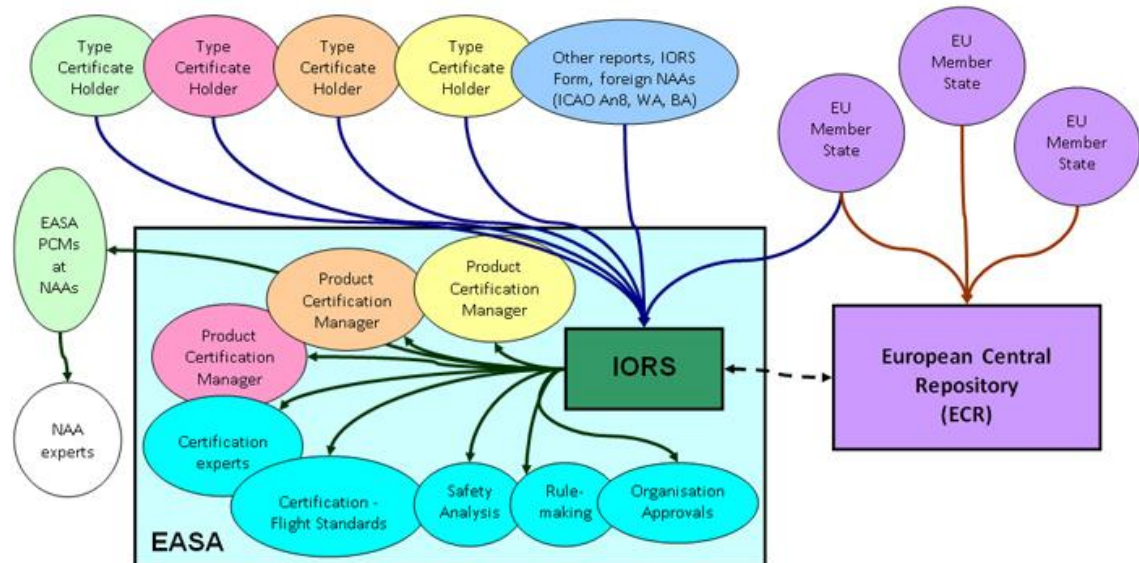
  
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# Reporting Requirements (II)

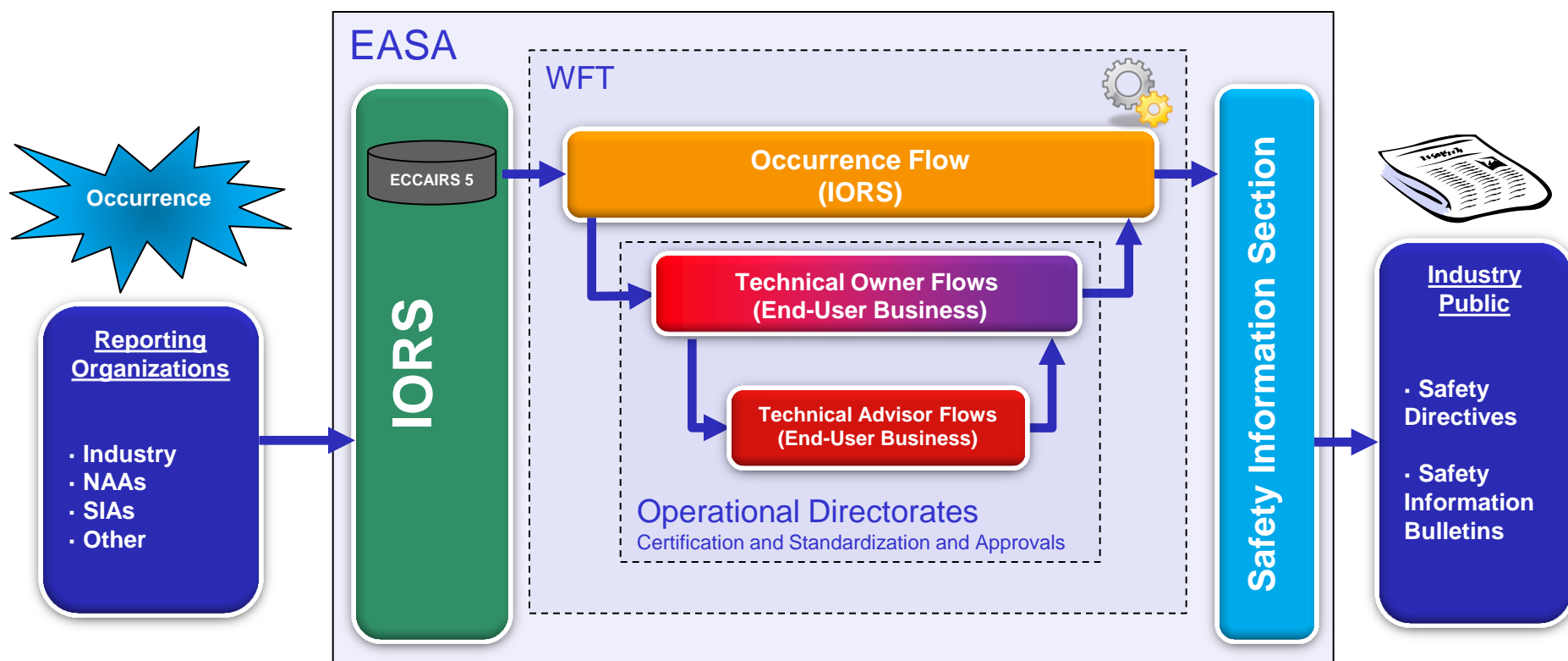
## As per Implementing Rules of Regulation 216/2008

- ▶ **Design and Production Organization** (Regulation 748/2012 ALL DAH, ALL POA, reporting unsafe condition)
- ▶ **Foreign Maintenance Organizations** (Regulation 2042/2003 FOREIGN PART 145 AND PART M ORG)
- ▶ **Foreign Approved Training Organizations** (Regulation 290/2012 FOREIGN APPROVED TRAINING ORG)
- ▶ **EGNOS, Network Manager and foreign ANSPs** (Regulation 216/2008)
- ▶ **Third Country Operators**



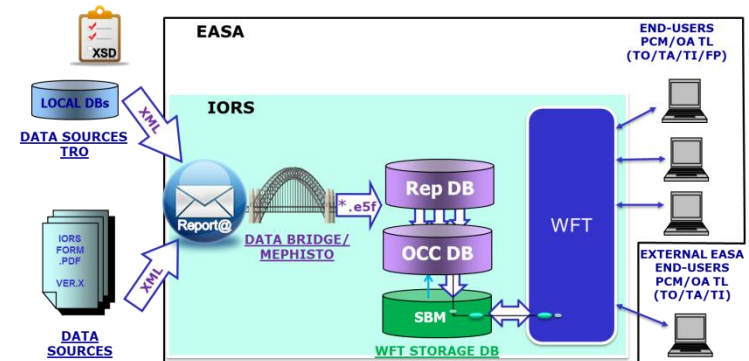


# Information workflow (closed-loop)



# What is IORS composed of?

- Technically a chain of IT applications
  - A form or a databridge for transmission of reports
  - A closed loop workflow
  - A single interface
  - A central data base

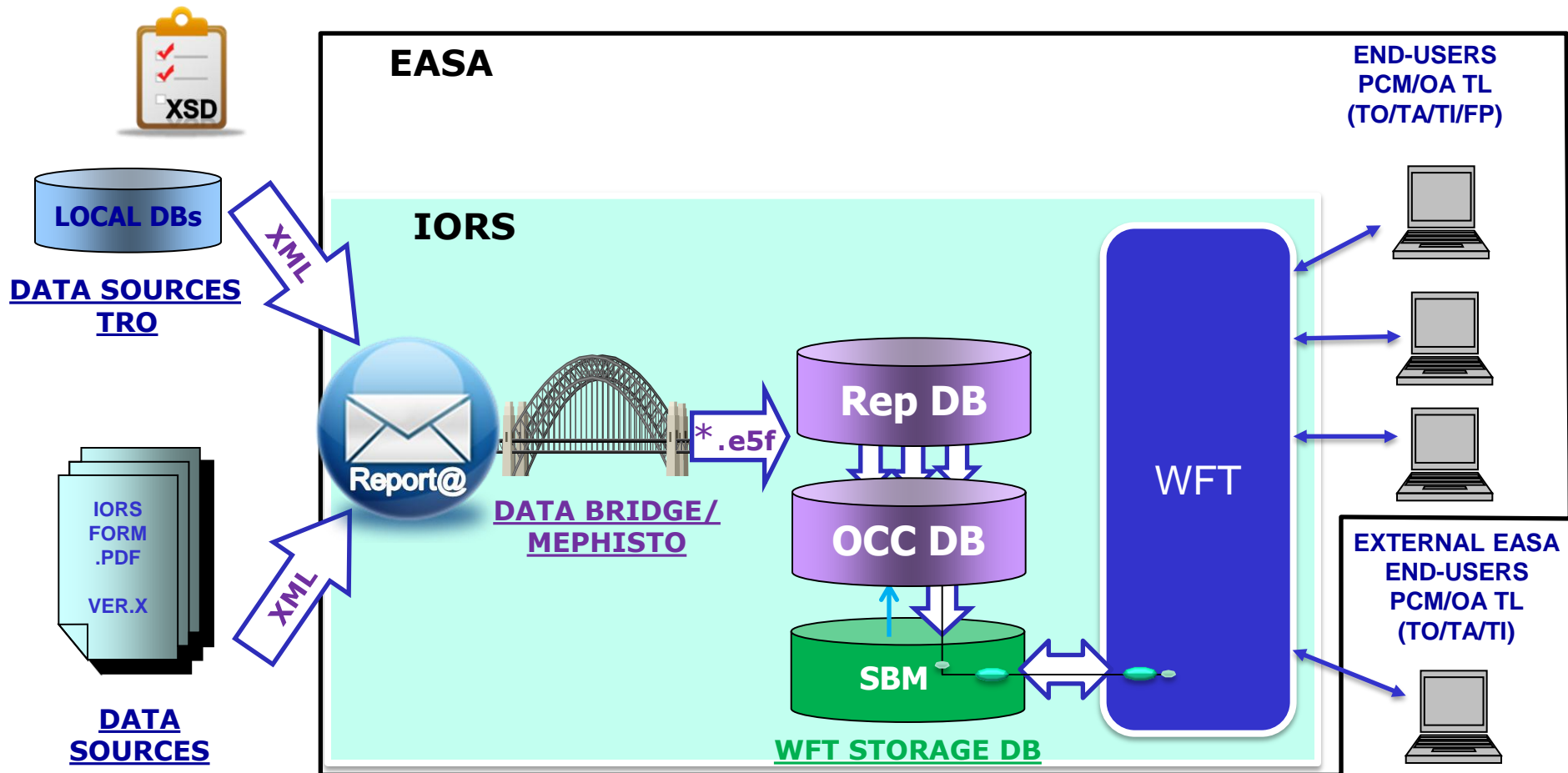


- Management:
  - Report to the Deputy Director for Strategic Safety
  - Oversight: ISC and IORS committee (business representatives)
  - Procedures and guidelines
- Resources:
  - 1 HOD, 4 officers and 1 technical assistant
  - Funded by fees and charges (industry)





# System description





# Coming Challenges

- Data exchange:
  - Develop internal and external feedback
  - Define reporting requirements to NAAs against EASA
  - Consolidate data request process
- Extension to cover new reporting requirements in coming regulations
- Cooperation with other Aviation Authorities
- Consolidate synergies with Accident Investigation
- Explore contribution to EASP/p



# Areas of Common Interest

- ECCAIRS Common Framework
  - Development of software
  - Multi-domain concept on IT tools (risk assessment, trend analysis, registrations db, etc.)
- Workflow management tools linked to ECCAIRS 5
- Data exchange (due respect to confidentiality):
  - Civil/Military aircraft types
  - EGNOS
  - Solar weather
- Share of best practices:
  - Establishing reporting systems
  - Relations with industry/MS/public (feedback, publications, reply to requests)
  - Confidentiality vs access to information



# Summary

- IORS is the internal EASA system to handle occurrences in a standardized and centralized manner
- IORS is only part of the EU-reporting scheme, it is not the European Central Repository
- IORS provides a single entry point and a single interface and closed-loop system to process occurrences
- IORS involves staff from all operational Directorates in EASA, providing multi-disciplinary assessment to occurrences



# More information



<http://easa.europa.eu/iors/index.html>



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# Questions and Comments are welcome

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