

the safety maker in aviation

Airport Compliance Monitor (ACM) for Authorities

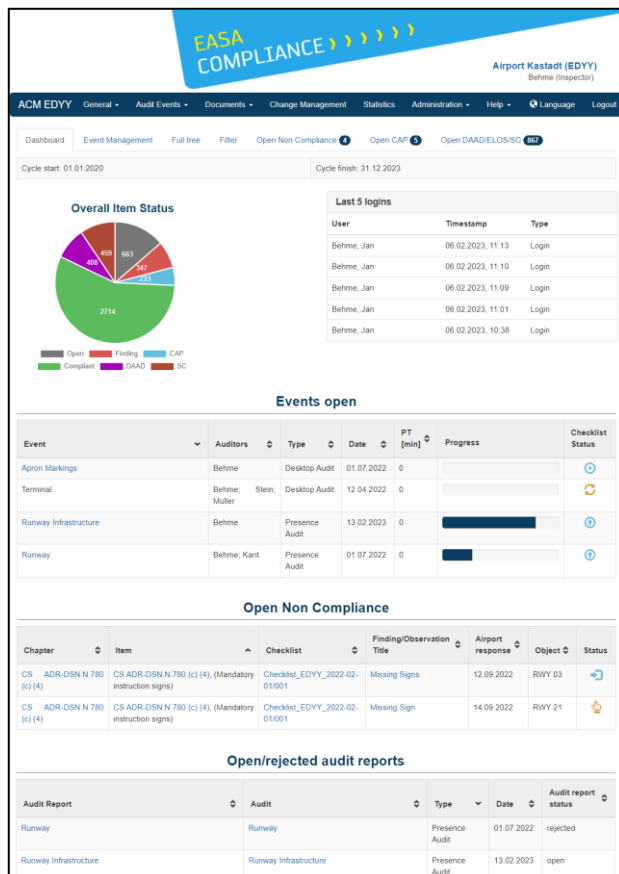


GfL Airport Compliance Monitor (ACM) for Authorities

GfL has developed various software solutions for airports as well as authorities that enable the seamless integration of various customer-specific modules for oversights, compliance and safety management at airports.

Airport Compliance Monitor (ACM) for Authorities

Aviation authorities are required to monitor and accurately record compliance with legal requirements such as *Regulation (EU) 2018/1139* and *Regulation (EU) No. 139/2014*, as well as the corresponding *Acceptable Means of Compliance (AMC)* and *Guidance Material (GM)* issued by EASA, at airports within their jurisdiction.

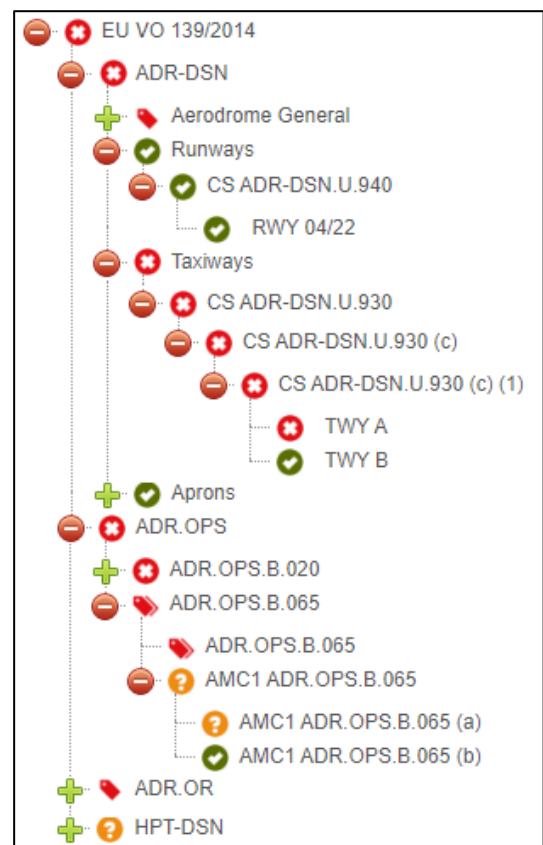


Dashboard of the ACM

For this purpose, GfL has developed the **Airport Compliance Monitor (ACM) for Authorities**, a tool that helps with all oversight and compliance monitoring activities of aerodromes and its operators.

The ACM tool offers the following features:

- Visualization of the legal requirements as a **tree view**, which allows an overview down to individual airport infrastructure elements (runway, taxiways, aprons)



tree view of requirements

- Overview of the compliance status of aerodromes and aerodrome operators on a clear dashboard

GfL Airport Compliance Monitor (ACM) for Authorities

- Extensive **auditing functions**: thematic clustering of regulatory texts, audit planning calendar, automatic pdf report creation

Audit-Cluster	2023					
	Jan	Feb	Mar	Apr	May	Jun
ADR-OR General						
SMS						
Electrical Systems						
RWY Infrastructure						

Audit Planning Overview

- **File and document archive** for linked documents with end-to-end revision management
- Support of **deviation management** incl. complete CAP (Corrective Action Plan) process (incl. risk assessment) with integration of airfield operators
- Support of **multiple participants** in audits
- Regulations can be **extended beyond** (EU) No. 139/2014 as required by the authority
- Fast implementation of changes to the legal basis through comprehensive **version management**
- Integration of multiple airports that lie within the authority's area of responsibility, **implementation adapted** in each case to the individual airport infrastructure and conditions

CS ADR-DSN.B.095 (c) (Runway turn pads) - RWY 04/22

Back

Activity History

Overview

Inspector

McAllister, John

Cycle

Check Cycle II

Current v...

EU VO 139/2014, ED Decision 2017/021/R, Issue 4

Processin...

0

Resp. per...

Item State

CS ADR-DSN.B.095 (c)

GM1 ADR-DSN.B.095,

Audit History

10.10.2022, Cycle II

06.06.2019, Cycle I

Certification Basis

Compliant

Events

Event	Type	Date	User	Status
Audit Infrastructure 10/22	Audit	10.10.2022	McAllister, John	

Deviations

Number	Title	Type	State	Deadline	Admin
LON-DAAD-0001	Turn Pad RWY 04/22	DAAD	approved	31.12.2032	

Current Situation

Description

Observed Clearance for B777-300ER is less than minimum specified in CS

Remarks

see LON-DAAD-001 for reference

Open Issues

DAAD not yet implemented

Documents

Title	Category	User	Confidence	State	Admin
list_DAAD_approved	Deviations	McAllister, John	not confidential	31.08.2021	

Data sheet of an item

- Implementation of cycle **management** according to EASA requirements
- Full **history** view of item inspections
- Support of **multiple languages**
- Interface for data exchange with the **GfL Airport Compliance Monitor for airports**, if used at the airports involved

GfL Airport Compliance Monitor (ACM) for Authorities

SAFETY AUDIT

Back Show Audit report

Event Data

Number: EDLW024/001
Type: Presence Audit
Teamleader: Sam Culman
Inspector Team: Elonn Turk
Date of inspection: 02.12.2024
Cluster: 01. Certification Document
Audit report Status: approved

Event documents

EPD (SAFETY_DOC, 02.12.2024 10:33:06)

Event Status

✓

Local contact

Reference documents with revision status

Audit comments

Regulation	Item	Object	Compliance Status	Process Status	Item Action	NC Action	CAP Action
ADR.OR.B.070 (a)	EU VO 139/2014: ADR.OR.B.070 (a) Regulation (EU) 2020/1234, applicable as of 20.03.2022 (Termination of the provision of apron ma...)	General	✗	CAP requested			+
The aerodrome operator shall: (a) take appropriate measures to ensure that safety risks that result from the termination of operation have been assessed and mitigated.							
ADR.OR.B.070 (b)	EU VO 139/2014: ADR.OR.B.070 (b) Regulation (EU) 2020/1234, applicable as of 20.03.2022 (Termination of the provision of apron ma...)	General	✓	Process completed			
The aerodrome operator shall: (b) provide information on the measures referred to in point (a) to the appropriate aeronautical information service provider.							

Audit Process

For more information and your individual solution, please contact us by e-mail or phone.

Your personal contact person is:

Dipl.-Ing. Daniel Fiedler
fiedler@gfl-consult.de

We would be happy to present our products to you!

Technical Requirements

- **Web-based (PHP) browser application** that is installed on the intranet or a defined network area of the client on a web server (typically Apache)
- Data storage of all data in a **relational database** (support for MySQL, SQL Server, Oracle, PostgreSQL)
- **Mobile device support**
- No additional license costs: The software is based on royalty-free open-source technologies (Apache etc.)
- **Client requirements:** The user only needs a web browser (incl. JavaScript) to use the software
- *Software as a Service (SaaS) option*

License and further development

- **Lifetime license with unlimited number of users**
- Software and Database concept has a flexible design to allow the **individual implementation of extensions** according to the specific requirements of the authority

GfL Airport Compliance Monitor (ACM) for Authorities



Gesellschaft für Luftverkehrsforschung mbH

Hermann-Prell-Straße 8
01324 Dresden

Telephone: +49 351 2732603
Fax: +49 351 2732604

Email: info@gfl-consult.de
Internet: www.gfl-consult.de