



USOAP Continuous Monitoring Approach (CMA) Workshop

Module 5

Overview of other USOAP related electronic tools



Overview of other USOAP related electronic tools



The objective of this module is to:

1. To review other USOAP related electronic tools; and
2. Explain their purpose and functionalities.





1. USOAP CMA Community
2. iStars 4.0 – Integrated Safety Trend Analysis and Reporting System
3. Data Exchange
4. Recent OLF Enhancements





USOAP CMA Community





Definition

An innovative way to expand the Programme's global outreach via a private community setup in order to better engage and serve the ICAO Member States, in coordination with our Regional Offices.

Highlights

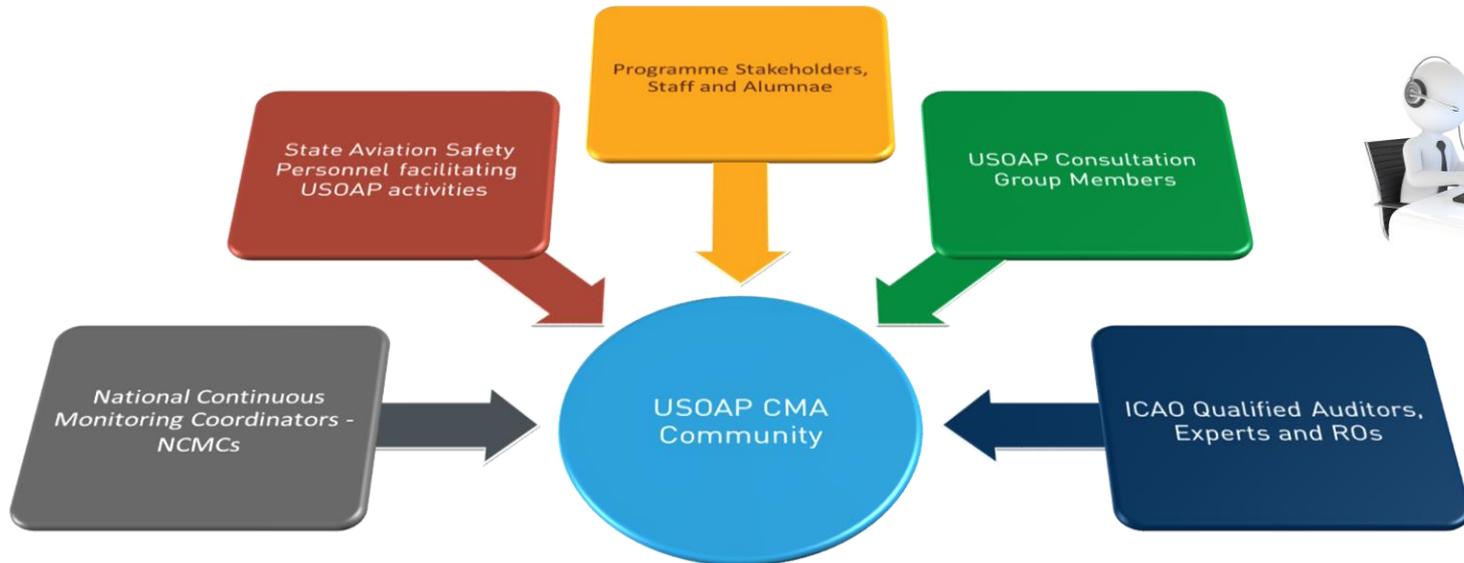
- Innovation
- Global outreach
- Private community setup
- Better engage and serve
- In coordination with ROs





Community Membership

Private, by invitation only. Members are allocated in groups by profile and interests. All States have equal access rights.





- Growing Programme outreach to States and regions
- Dynamic environment for engaging and exchanging with NCMCs and ROs
- Direct channel for insight and communication with the States
- Leveraging digital technologies and social media to efficiently carry out our mandate and enhance our services
- Higher visibility of ICAO and USOAP CMA's mission and goals





- Social media–like discussion forums: one-to-one, one-to many, many-to many
- Moderation and monitoring for compliance with the Community Terms of Use
- Group management
- Membership management, directory and traffic statistics
- Content management and opinion polls
- Event scheduling
- Workshops and training tools
- Seamless integration with Zoom and other popular platforms





Implementation

- Internal testing
- Gradual introduction to the regions
- Official launch announcement





iStars 4.0 – Integrated Safety Trend Analysis and Reporting System





- iSTARS 4.0 is a web-based platform, which provides a quick and convenient access to a collection of safety and air navigation tools for States and industry partners to explore and analyze ICAO datasets.
- It features aviation applications and datasets that facilitate and assist users in conducting aviation safety, efficiency and risk analyses through interactive, easily understood, and user-friendly charts and maps.



iStars 4.0 website: <https://istars.icao.int/Sites/>

New Users

- Fill in the registration form.
- Acceptance may take up to 48 hours.

You will be sent your username and password by email.



Current Users of the ICAO Secure Portal

- Login to the ICAO Secure Portal account with username and password.
- Subscribe to group "iSTARS4." Acceptance may take up to 48 hours.

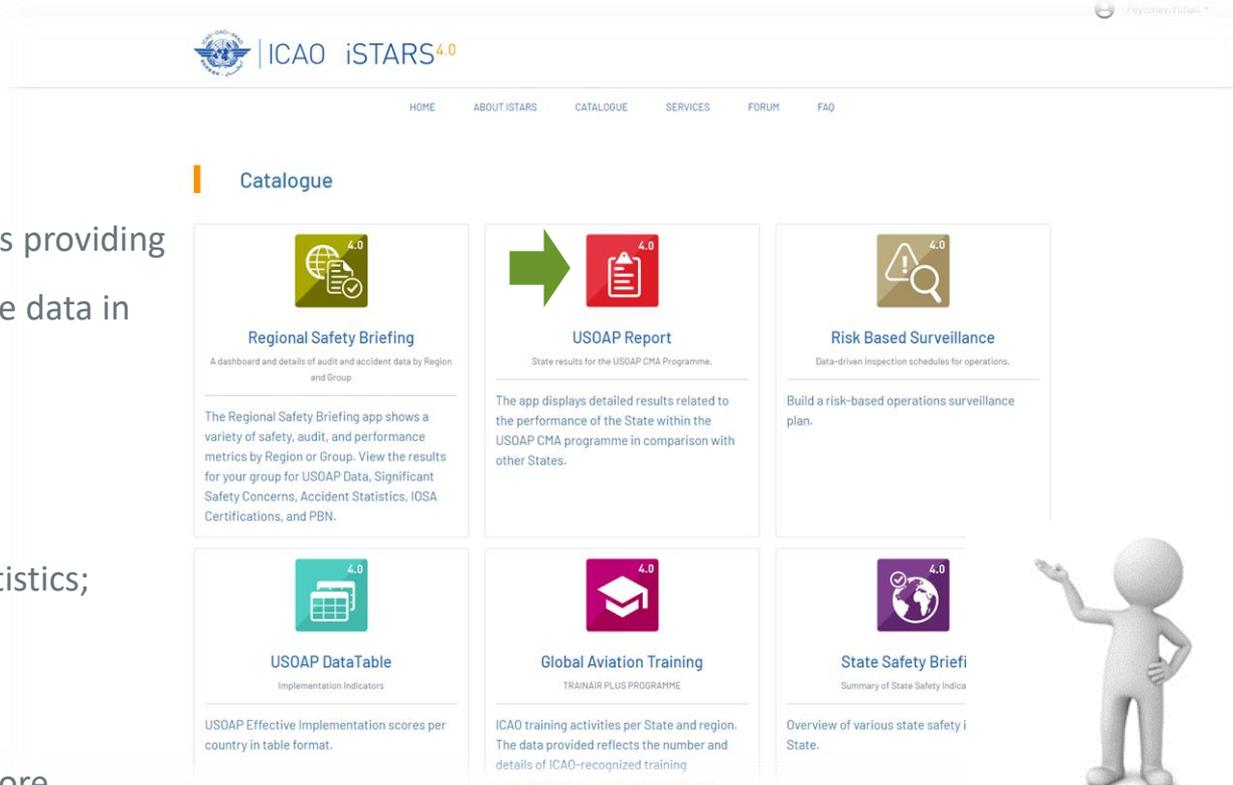
You will be sent your username and password by email.



iSTARS 4.0 Applications

iStars features different applications providing useful information and performance data in areas such as:

- aviation safety and audits;
- air navigation;
- air traffic management and statistics;
- airports;
- air transport accessibility;
- meteorological statistics and more.



The screenshot shows the iSTARS 4.0 Catalogue of Applications website. The header includes the ICAO logo and the text "ICAO iSTARS 4.0". The navigation menu contains links for HOME, ABOUT ISTARs, CATALOGUE, SERVICES, FORUM, and FAO. The main content area is titled "Catalogue" and displays six application cards in a 2x3 grid. Each card features an icon, a title, and a brief description. A 3D white figure is positioned on the right side of the page, pointing towards the application cards.

Application Name	Description
Regional Safety Briefing	A dashboard and details of audit and accident data by Region and Group. The Regional Safety Briefing app shows a variety of safety, audit, and performance metrics by Region or Group. View the results for your group for USOAP Data, Significant Safety Concerns, Accident Statistics, IOSA Certifications, and PBN.
USOAP Report	State results for the USOAP CMA Programme. The app displays detailed results related to the performance of the State within the USOAP CMA programme in comparison with other States.
Risk Based Surveillance	Data-driven inspection schedules for operations. Build a risk-based operations surveillance plan.
USOAP DataTable	Implementation Indicators. USOAP Effective Implementation scores per country in table format.
Global Aviation Training	TRAINAIR PLUS PROGRAMME. ICAO training activities per State and region. The data provided reflects the number and details of ICAO-recognized training
State Safety Brief	Summary of State Safety Indica. Overview of various state safety i State.



USOAP Report displays detailed USOAP CMA audit results of a State that could be benchmarked to the results of other States or regions.

By selecting the regional or global averages, States can measure their overall Effective Implementation (EI) against the selection.





Contact iSTARS administrator through the “CONTACT US” tab for assistance.

CONTACT US

Do you have any questions concerning the content, functions, or usage of iSTARS data?

Please address any comments concerning the content of the site to istars@icao.int



ICAO

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OLF Data Exchange





Language
English

State
Republic of Korea (t)

Mapping Setup Reference Manager Data Validator

THE SMIS 5.0 USER (MEMBER STATE) CLAIMS ALL RESPONSIBILITY
FOR EXCHANGING DATA BETWEEN SMIS 5.0 AND OLF.



CC/EFOD

Compliance Checklists (CCs)
through the Electronic Filing of
Differences (EFOD) System

SYNCHRONIZE



Self-Assessment

USOAP CMA protocol
questionnaires

SYNCHRONIZE



Findings

Findings and Recommendations

SYNCHRONIZE



CAP

State Corrective Action Plans

SYNCHRONIZE



SAAQ

State Aviation Activity
Questionnaire

SYNCHRONIZE



MIR

Mandatory Information Request

SYNCHRONIZE

Features

- Fully customizable XML service.
- Synchronize data between proprietary State system and OLF.
- Synchronize SMIS system with OLF.
- Select all, or some data areas to synchronize.
- Contact OSU if required.



Mapping Setup Reference Manager ▾ Data Validator ▾

Data Exchange Type

CC/EFOD ▾

Self-Assessment ▾

Send

- Get State's Protocol Element Answer (84)
- Get All Attachement (53)
- Get All Attachement By ProtocolID (96)
- Get All Attachement Structure (59)
- Get All Element Attachement (88)
- Get All Element Attachement By ProtocolID (97)
- Get Attachment Binding (54)
- Get Attachment Binding By ProtocolID (95)
- Get Element Attachment Binding By ProtocolID (99)
- Get Element Attachment Binding (89)
- Get Protocol Element (83)
- Get Protocol Export Status (44)
- Get Protocol Status (38)
- Get Question (2)
- Get Specific Attachment (60)
- Get State's Answer (25)
- Get State's Answer By ProtocolID (94)
- Get State's Protocol Element Answer By ProtocolID (98)

Receive

- SAAQ ▾
- CAP ▾
- PQ Finding ▾
- Reference ▾
- MIR ▾
- Activity ▾

Mapping Details

Mapping Processing Type
 Table Mapping
 Run Procedure
 Run Function

Synonym Name
 -- Select -- ▾

Column Name Display Name Is use Xml Is visible [Add](#)

Table Name	Column Name	Display Name	Is Use XML File	
SYN_CMA_AdActivity	ID	Activity_ID	False	Delete
SYN_CMA_RefProtocols	ID	Protocol_ID	False	Delete
SYN_CMA_AdProtocolElementFindings	ID	Element_Finding_ID	False	Delete
SYN_CMA_AdProtocolElementFindings	ProtocolFindingMaturityLevelID	Element_Maturity_Level_ID	False	Delete
SYN_CMA_AdProtocolElementFindings	IsSubmittedToICAO	Element_Is_Submit_To_ICAO	False	Delete

Unique Column Master Table

Element_Finding_ID SYN_CMA_AdProtocolElementFindings

[+ Add new record](#) [Refresh](#)

Join Type Name	Left Table Name	Right Table Name		
Inner Join	SYN_CMA_AdProtocolElementFindingTranslation		Edit	Delete
Inner Join	SYN_CMA_AdActivity		Edit	Delete
Inner Join	SYN_CMA_RefProtocols		Edit	Delete
Inner Join	SYN_CMA_RefStateAuditCycleDataType		Edit	Delete

Dynamic Mapping Tool

- Define the mapping between the OLF and proprietary State systems.
- Send & Receive actions.



Self-Assessment / Export Protocol Self-Assessment Checklist

i The export feature is utilized for the completion of the self-assessment protocol questions offline.

Warning: The Unlock feature should only be used to unlock the self-assessment when the original exported document has been lost or there is no need to import the document back into the OLF. The result of unlocking an exported document causes the exported file to become obsolete and cannot be imported into the OLF.

! The exported document requires Microsoft Word 2010 on a Windows based platform. Please ensure the document remains in its native "docx" file format when saving. The exported file should not be merged or modified.

! If one audit area has more than set up PQs split count, it will be split when exporting.

Data Cycle Type

Compliance

All Protocols Not satisfactory Protocols based on last ICAO activity OPPQOnly

	Code	Description	Ref. Language	Is Locked	Export User	Exported User Email	Export Date	Last Imported File Name	Last Imported On	Last Imported By	Imported User Email
<input type="checkbox"/>	LEG	Primary Aviation Legislation and Specific Operating Regulations	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		23/08/2023				
<input type="checkbox"/>	ORG	Civil aviation organization	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		13/10/2023				
<input type="checkbox"/>	PEL	Personnel licensing and training	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		06/04/2023				
<input type="checkbox"/>	OPS	Aircraft operations	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		06/04/2023				
<input type="checkbox"/>	AIR	Airworthiness of aircraft	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		12/10/2023				
<input type="checkbox"/>	AIG	Aircraft accident and incident investigation	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		06/04/2023				
<input type="checkbox"/>	ANS	Air navigation services	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		09/04/2023				
<input type="checkbox"/>	AGA	Aerodromes and ground aids	English	<input checked="" type="checkbox"/> Unlock	Data Exchange		07/04/2023				

Split PQ Count

[Refresh](#) [Submit](#) [Export to Excel](#)

Offline Mode supported

- Use the offline Word exports to edit CAPs, Self-Assessment, EFOD, etc.



Recent OLF Enhancements: New Integrated Navigation Menu





- ICAO USOAP
- State Dashboard
- State Profile Dashboard
- Protocol Status
- Self-Assessment
- Corrective Action Plan
- Self-Assessment
- Corrective Action Plan
- PQ Findings
- SAAQ
- EFOD
- MIR
- CMA Library
- Reports
- User Management
- Tutorials
- Feedback

State Dashboard > State Profile Dashboard

Workshop Student Home Help Previews Logout

Language: English State/Organization: Futureland Ref. Data Language: English

USOAP State Profile - Futureland - EURNAT

Dashboard Language: English

EXPORT TO PDF FULL DASHBOARD TABS VIEW

Director General

John Doe

john.doe@futureland.ca

Source: SAAQ

NCMCs

Jane Doe

Source: OLF User Profile

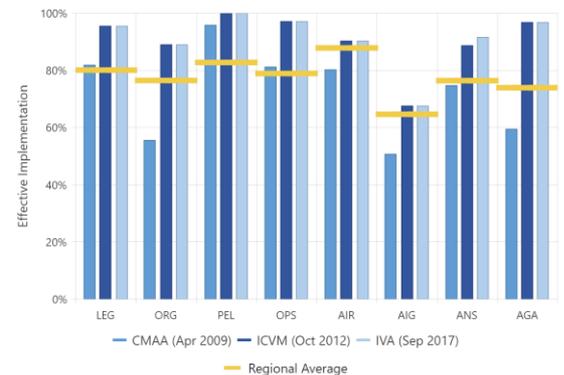
Unresolved SSC

None

USOAP Activity Results

Show Regional Average Show Global Average

CMAA (Apr 2009) ICVM (Oct 2012) IVA (Sep 2017)



Scheduled & Ongoing USOAP Activities

Activity	Scope	Start Date	Status
No activities are scheduled.			

Previous USOAP Activities

Activity	Scope	End Date	Initial EI	Adjusted EI
IVA	ANS	06 September 2017	91.95%	91.52%
ICVM	Full scope	30 October 2012	91.51%	91.04%
CMAA	Full scope	01 April 2009	74.54%	73.44%

Self-Assessment (Summary)

Completion: 55%

Most outdated: AGA (26 May 2017)
Last updated: ANS (05 Oct 2017)

SAAQ (Summary)

Completion: 71%

Most outdated: Part 9 (Never updated)
Last updated: Part 3 (28 Feb 2022)



The screenshot shows the ICAO USOAP interface. At the top left is the ICAO logo. To its right is the text 'ICAO USOAP'. Below this is a navigation bar with 'CMA' and several menu items: 'State Dashboard', 'Self-Assessment', 'EFOD', 'CAP', and 'PQ Findings'. Below the navigation bar are three dropdown menus: 'Language' (set to English), 'State/Organization' (set to Futureland), and 'Ref. Data Language' (set to English). Below these are more menu items: 'State Dashboard', 'Self-Assessment', 'PQ Findings', and 'Corrective Action Plan (CAP)'. A 'PREVIEWS' button with a gear icon is located in the top right area. A dropdown menu is open from this button, containing the following text: 'Enable previews of upcoming features coming soon to the OLF.', 'You will have the option to revert back to the current version.', and 'Navigation Style'. Under 'Navigation Style', there are two options: 'Legacy' (selected) and 'Sidebar'. Below this is a 'Theme' section with 'Light' and 'Dark' options. A green box highlights the 'Sidebar' option in the 'Navigation Style' dropdown.

Enable preview features

- Select the “Previews” button from the header.
- Update the Navigation Style to “Sidebar”.
- Can revert to the current version.

Please send feedback to:
usoapinbox@icao.int



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Thank You!