USOAP Continuous Monitoring Approach (CMA) Workshop

Module 5

Overview of iSTARS 2.0 SPACE
Objective

The objective of this module is:

• To provide an overview of iSTARS 2.0 SPACE and its functionalities.
Introduction to iSTARS 2.0 SPACE:

- Login via ICAO Secure Portal Site
- Home Page and Various Tabs
- How to Use *MY APPS*
- Other Tabs
LOGIN via ICAO Secure Portal Site

https://portal.icao.int

Welcome to the ICAO Secure Portal. You have access to the following groups:

<table>
<thead>
<tr>
<th>ICAO.NET</th>
<th>ICAO.NET Secure Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARS</td>
<td>Aircraft Registry System;</td>
</tr>
<tr>
<td>CMO</td>
<td>Continuous Monitoring and Oversight;</td>
</tr>
<tr>
<td>SPACE</td>
<td>ISTARS 2.0 SPACE</td>
</tr>
</tbody>
</table>
Welcome to iSTARS 2.0 SPACE

You and 1 other user are currently online

Hello, Wujahat! Welcome to our new website. You have installed 11 apps.

SPACE is the new version of iSTARS. The Catalogue contains all previous iSTARS apps plus some brand new ones. Apps in our new version allow more granular user access and are much faster as they are connected to our cloud based Safety Intelligence Engine (SIE).

Keep in mind that SPACE is still new, so please contact us if you experience any problems.

Go to Catalogue...

Latest News

17 Mar
MAP Builder released

20 Apr
iSTARS 2.0 SPACE (beta) is ready

27 Jun
Airport traffic app enhanced

New App Idea

Viewing safety information online is very convenient. However, it may be useful also to have that information in a consolidated PDF report, to print, share via email or attach to a paper. We propose to add a Print2PDF feature to all apps.

100 users want this!

I want!

Latest Applications

- MAP Builder
- Airport Punctuality
- Connections
- Airports
- USOAP Charts
- ADREP

Contact Us

You have a request to make or a comment regarding our website or one of our applications?

Please don’t hesitate to contact us and share your vision and ideas with us.

Go to my Apps >
iSTARS 2.0 SPACE: MY APPS

Shows all applications selected by user.

Click on icon to go to application.
Shows all applications available by categories.

All categories available to users.

All applications available under each category.
Click “To My Apps” to add selected application into personal platform = MY APPS page.

“Open” = Application is already part of personal platform or in MY APPS page.
“Invitations” = Allows users to access applications by permission.

“To Desktop” indicates that application is not part of personal platform (MY APPS). Click to add into MY APPS page.
How to Use MY APPS

How to use the **My Applications** page.

**EXAMPLE 1:**

**LEI by Traffic**
Click to explore this application in depth.
Example 1: LEI by Traffic

**LEI by Traffic**

Measures LEI of individual States by the number of their scheduled departures.

Displays regional/global trend.

States shown above the trendline (highlighted) are of concern to ICAO as they represent States with LEI higher than the trendline. This is one of the factors used in prioritizing USOAP activities in the regions.
Example 1: LEI by Traffic

Click “Generate graph” to view graphs according to groupings, i.e. world, regions, sub-regions and other compositions.

Tick box to show “State names”.

---

**Safety risk analysis**

The below chart shows USGAP LEI versus commercial scheduled departures in 2013 per State for a defined group of States.

You can select a group of States from the drop-down menu. If a specific group of States does not exist, you can create that group through the “Manage my groups” section on the left, you can also view the composition of a selected group.

The LEI values may differ slightly from those published in the USGAP audit reports that were published from the period 2008 to 2010 due to changes in the LEI calculation algorithm as well as changes in the protocol question grouping structure performed since the State’s audit.
Example 2: USOAP Data Tables

How to use the My Applications page.

EXAMPLE 2:

USOAP Data Tables
This is another very useful application for States to measure their performances versus other States.
Example 2: USOAP Data Tables

USOAP Data Tables allows States to measure their Effective Implementation (EI) or Lack Of Effective Implementation (LEI) by Audit areas or by Critical Elements.
How to use the **My Applications** page.

**EXAMPLE 3:**

**USOAP Charts**

Another very useful application for States to measure their performances versus other States and regions and to help States conduct a detailed analysis, all the way down to individual PQs.
Example 3: USOAP Charts

USOAP Charts
By selecting the regional or global average, States can measure their **overall** Effective Implementation (EI) against the selection.
Example 3: USOAP Charts

This analysis can be done in further details by audit areas and by CEs.
Example 3: USOAP Charts

This analysis can be done even further by separating each audit area by CE (each combination represented by a circle).
Example 3: USOAP Charts

By scrolling over any one of the circles (each representing a CE), users can determine what the EI and LEI are, broken down by CE under each audit area.

For example: Going over the BLUE circle, we find out that there are 4 not satisfactory PQs in the AIG audit area representing CE-8 and the total EI of this AIG-CE 8 combination is 66.67%.
Example 3: USOAP Charts

By clicking on the circle, users can determine which are the PQs that were identified as “not satisfactory” in the circle for the combination selected in the previous slide (AIG – CE-8).
More on MY APPS

Many other interesting applications are available for measuring States’ performances versus regional or global averages.
Users can create their own group/s for analysis.

1. Click “Add” box under “Create a new group”.

2. Fill in required fields in “Create a new group” message box.

3. Click to select States of interest and click “Create” box at bottom to complete action.
Any modifications or introduction of new applications will be announced in the “NEWS” page.

News & Updates

17 DEC
MAP Builder released

It is now possible to build choropleth, country colored maps online directly on iSTARS SPACE. You can use any metric available to color the countries and even choose the colors. Give the MAP Builder app a try.

20 DEC
iSTARS 2.0 SPACE (beta) is ready

Dear iSTARS user,

You may have seen on the https://portal.icao.int welcome page that you have been added to a group called ‘iSTARS 2.0 SPACE (beta)’ which can be accessed directly via https://portal.icao.int/space. This is the new version of iSTARS, with a lot of new features including:

- A Catalogue of apps you can search and filter to find what you need
- A personalized desktop where you can manage and layout your apps like on a mobile tablet
- Faster response times through extensive use of our cloud based Safety Intelligence Engine (SIE)

All apps which are currently under Occurrences, Compliance and Risk are present in the SPACE catalogue. Some of them have already been upgraded to 2.0, others will upgrade to the current version. We expect that all apps will be upgraded to 2.0 SPACE before end of October 2013.

You can start using SPACE right away and experience its enhanced usability and check out the terrain, weather and PBN apps. SPACE is still in beta test mode until all apps are upgraded, so do not hesitate to contact us if you experience any problems.

The iSTARS Team
Questions and answers (Q&A) service can be obtained in the “SUPPORT” page.
Contact iSTARS 2.0 SPACE administrator by clicking “CONTACT US” tab for assistance.
Review

Introduction to iSTARS 2.0 SPACE:

- Login via ICAO Secure Portal Site
- Home Page and Various Tabs
- How to Use MY APPS
- Other Tabs
THANK YOU