



# Regional ATM Monitoring Dashboard



# Agenda

01

## Introduction

Brief overview and background of ATM Monitoring Dashboard proposal.

02

## Dashboard Sample

Sample presented during ATM SG 10.

03

## Benefits and Expectations

Outlines the key advantages of utilizing the ATM Monitoring Dashboard.

04

## Key Features

Details the core functionalities and visual elements in ATM Monitoring Dashboard.

05

## Actions By The Meeting

Agree on the way forward.

Discuss the Dashboard governance



## ATM SG/9

The offer received from the Chairman to develop a dashboard to support the activities of the ATM SG and the monitoring of implementation levels, using the available expertise within Saudi Arabia

## ATM SG/10

Saudi Arabia presented a sample of the proposed dashboard, which was positively received by all present States, leading to an initial agreement to proceed with the full dashboard development. The meeting appreciated the efforts of GACA and SANS and tasked the Secretariat to populate the relevant data to be presented to the MIDANPIRG/22 meeting.

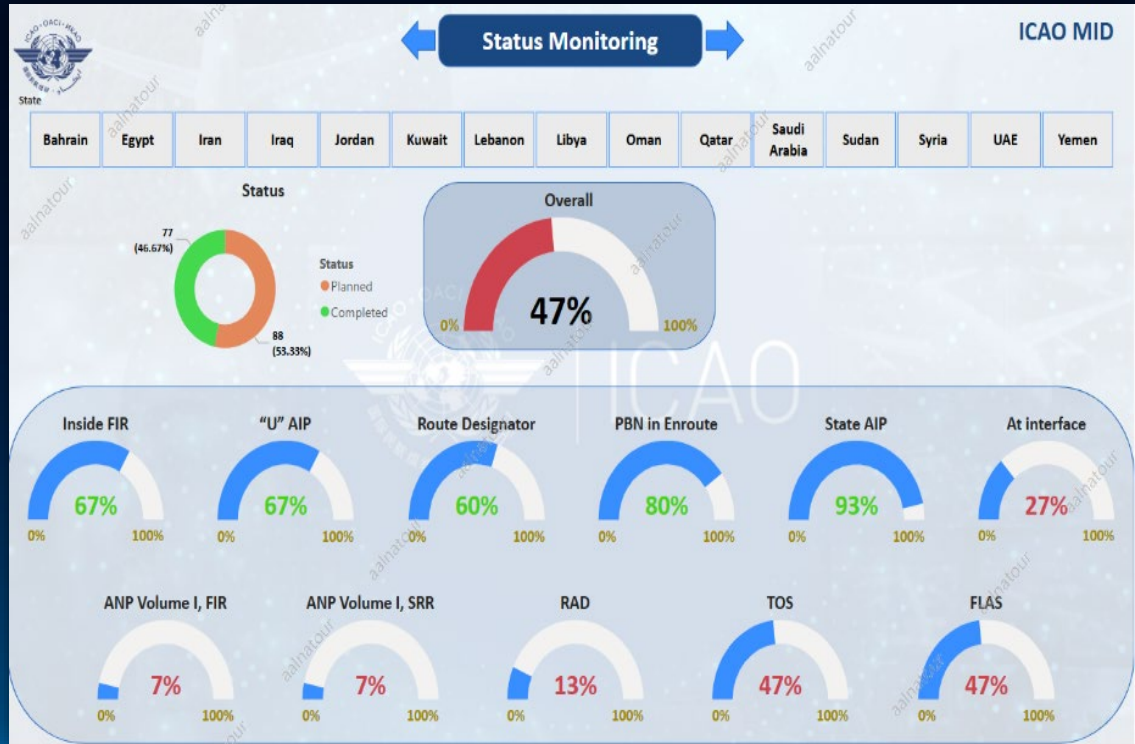
## RANP/NANP TF

The meeting noted with appreciation that Saudi Arabia wishes to develop the proposal related to the ATM dashboard to support MID States to monitor the status of ATM ASBU Priority 1 Threads and Elements as well as regional KPIs related to ATM.

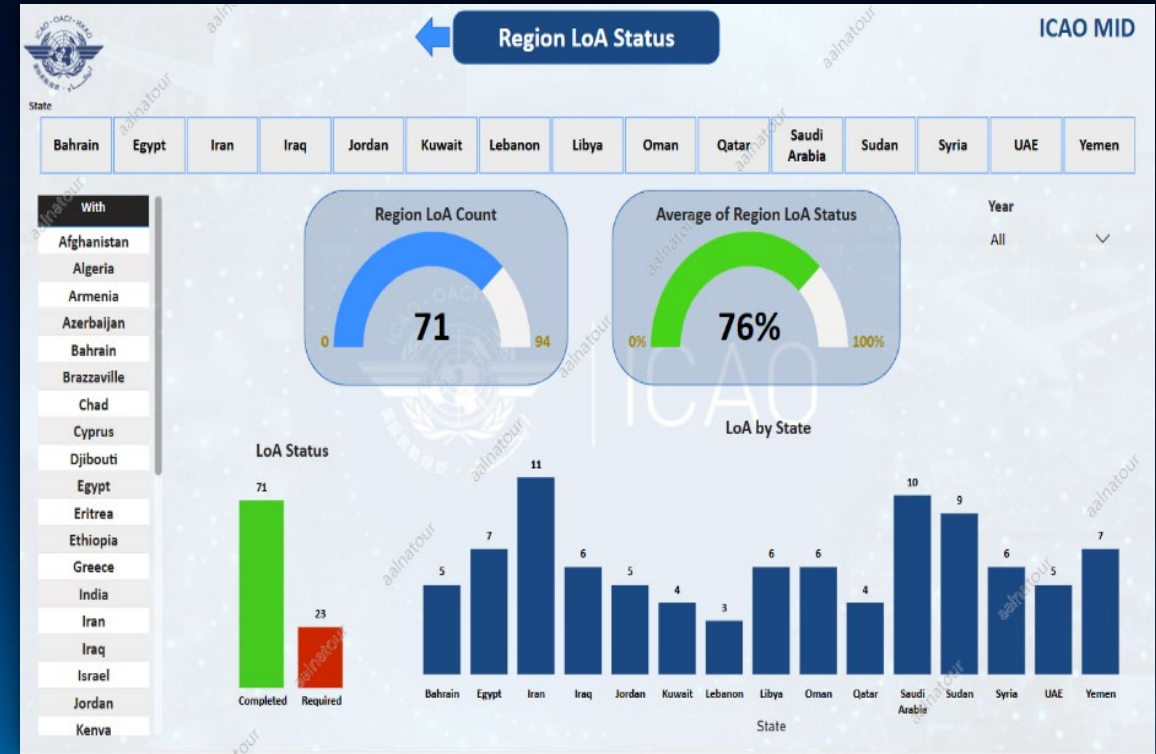
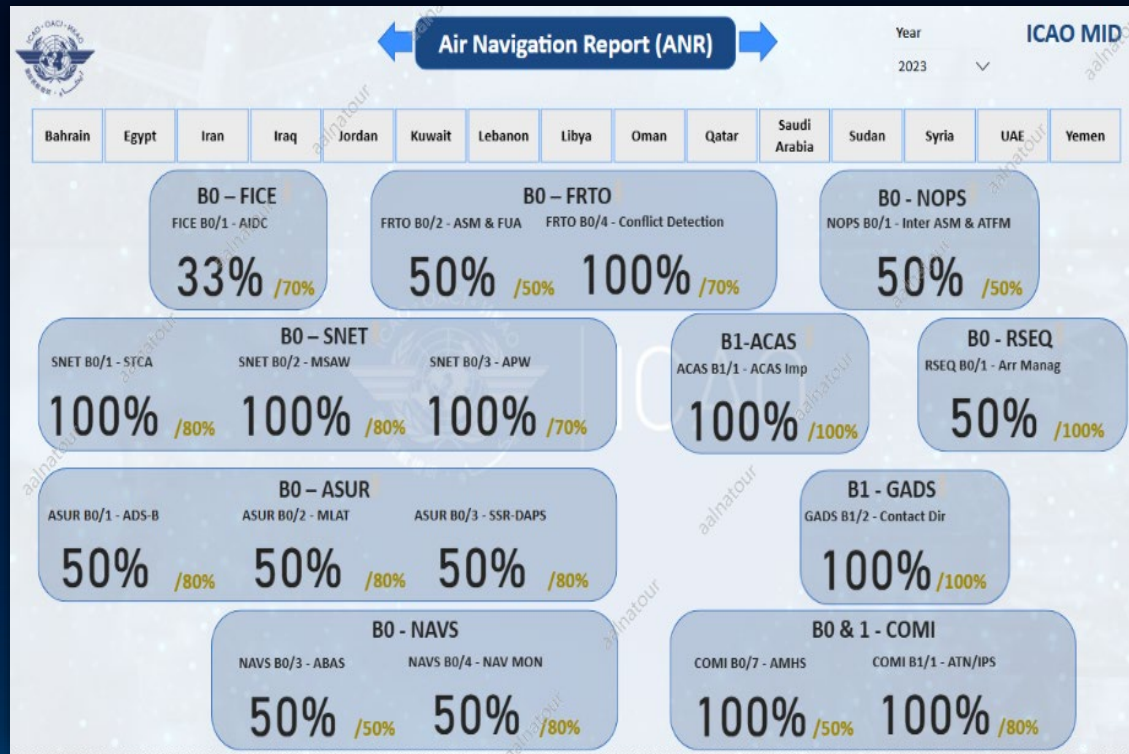




# Dashboard Sample



# Dashboard Sample





# Benefits and Expectations

01

## Effectively Visualize Complex Data

Dynamically overcome traditional challenges in analyzing large amounts of data

02

## Improve Status Awareness

Delivers an elevated level of situational awareness and decision-making regarding all presented data.

03

## Empower Data-Driven Decisions

Improved decision-making grounded on reliable information.

04

## Data Integrity Through Intelligent Automation

Significantly mitigate potential risks of errors and inconsistencies.

05

## Customizable Data Exploration and Analysis

Flexible tools and interfaces for visualizing data, allowing personalized views, interactive analysis, and deeper insights.

06

## Flexible Data Visualization Experience

Adaptable approach to presenting large amounts of information through automated and friendly use methods.

07

## Streamline Operations Efficiency

Optimize processing time, ensuring that data is analyzed and presented with minimal delay.

08

## Historical Data Access

Seamless access to all available historical data, empowering in-depth analysis, to identify any patterns or trends.



# Key Features



## Data Collection and Analysis

**Gather** relevant information from various sources related to air navigation elements, and performance within the ICAO MID Region.



## Visualizations

Graphical **representation** of the analyzed data to make complex data more understandable for users, enabling quicker **identification** of key information and facilitating better decision-making.



## Customized Options

Users can **personalize** the dashboard view to meet their specific needs and area of focus such as selecting specific data , **filtering** data based on criteria such as State, timeframe, or parameters.



## Reporting Capabilities

Ability of the dashboard to **generate** structured summaries and extracts of the displayed data.



## Sharing

Share the dashboard with stakeholders to have direct access to the analysis of the data.



**Based on the above, the meeting may wish to review and agree the following Conclusion**

***DRAFT CONCLUSION 22/XX: DEVELOPMENT REGIONAL ATM MONITORING DASHBOARD***

*That,*

- a) the Air Traffic Management Monitoring Dashboard be developed by ATM SG to monitor ATM related items, based on the offer received from Saudi Arabia; and*
- b) The progress of the Dashboard be presented to the MIDANPIRG/23 for further deliberation, including the potential expansion of the proposed dashboard to monitor status of other ANS items.*





## Action By The Meeting

- a) Take note of the information provided;
- b) Invite States to support the implementation of the regional ATM dashboard; and
- c) Agree on Draft Conclusion.





THANK YOU

