



# JEDDAH ATFM DASHBOARD

2023

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## ATFM Plan

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Define the **organization structure** in order to establish the ATFM function.

Assess the foundation requirement for ATFM function

Assess and declare ATC sector capacity for all ACC and APP sectors

Assess and declare runway acceptance rate for all controlled aerodromes

Implementation of centralized flight plan management system IFPS to support ATFM function

Development of **ATFM Dashboard** to support the function of planning, analyzing, reporting and achieving objectives

iCAO KPIs 1,2 ,13,14 are measured Capacity monitoring mechanism developed and implemented

**ATFM Regulation**Development

Develop **Operational manual** for ATFM

Enhance **ATFM function** elaboration in ACDM process

ATFM Automation system



#### **Statistics Report**

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**SANS ATFM** is holding accountability on processing and disseminating statistics reports as per required regulation and operation needs. ATFM section has developed a dashboard to support in balancing traffic demand Vs. capacity monitor workload and optimize airspace utilization.





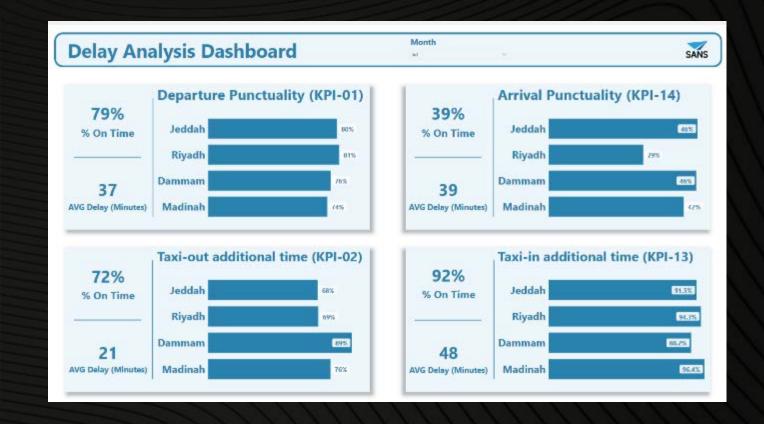


### ATFM KPI Measurements & Reporting

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#### **ATFM KPIs**

- KPI 01
   percentage for all flight departing the gate
   on time compared to schedule
- KPI 02
  measuring the actual taxi-out time
  compared to the reference taxi-out time
- KPI 13
   actual taxi-in time compared to the reference taxi-in time
- KPI 14
   percentage of all arriving flight to the gate
   on time compared to schedule



### **ATFM Monitoring & Reporting**

#### **Adjacent FIR Dashboard**

This tool support the ATFM in

- 1- Monitor the traffic demand interaction with all adjacent FIRs
- 2- Support the decision making, through all phases (strategic, pre-tactical and tactical) in balancing demand against available capacity



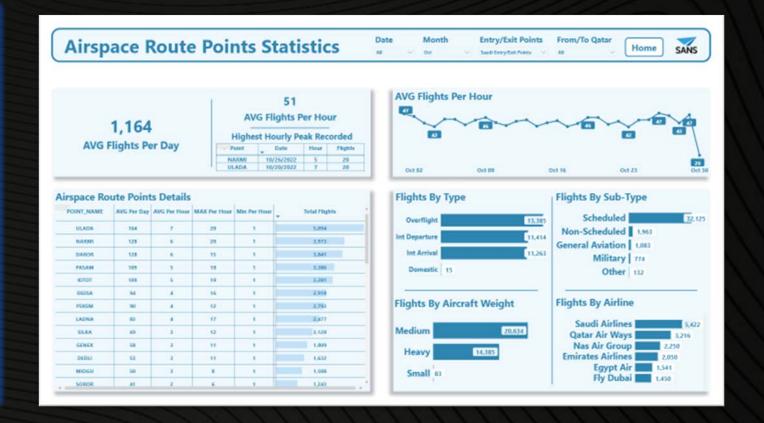


# ATFM Monitoring & Reporting

#### **Waypoint Dashboard**

This tool support ATFM in

Identifying the peak traffic demand over any waypoint in the FIR and also study the ATS route utilization, aeronautical studies and other





## **ATFM Monitoring & Reporting**

#### **ATC Sector Dashboard**

This tool support the ATFM team in

- 1- Maintain sector monitoring
- 2- Ensure proper ATCO workload
- 3- Proper resource utilization based on demand
- 4- Identifying the peak traffic trends
- 5- Analyzation of traffic peak, traffic trends, AVG traffic flow per hour, day, month and more filters can be applied as needed







# THANK YOU





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