



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 RegulationDevelopment

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.





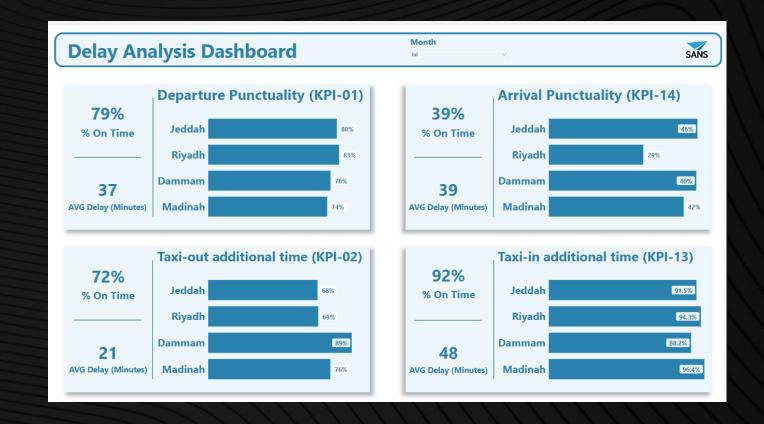


ATFM KPI Measurements & Reporting

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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





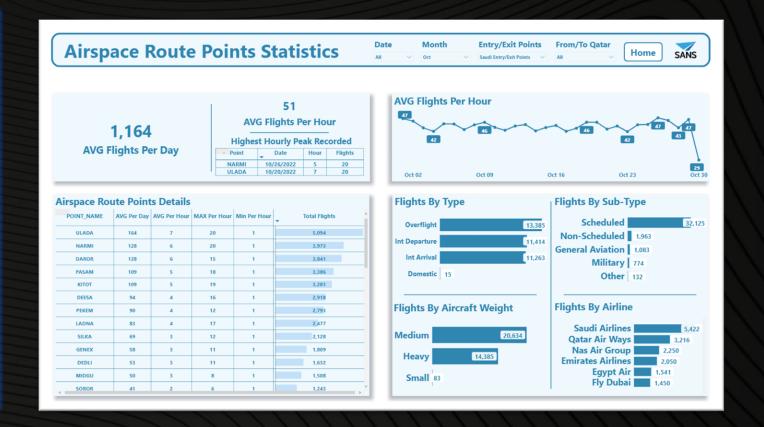


ATFM Monitoring & Reporting

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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