



SITA

SITA MISSION WATCH

MANAGE MORE, WITH LESS EFFORT

Dispatcher's flight watch journey, managed with quicker & smarter decisions, all in one app.

Get the job done, in fewer steps, with less stress.

⊗ Problem

Stress with big loads, scattered info.

⊗ → ⊙ Solution

Dispatchers can locate, prioritize, and address issues easily & quickly.

⊙ Facts - SITA Mission Watch

400 critical weather incidents are avoided per year
(fleet of 100 a/c)

\$3m annual savings from incidence avoidance
(fleet of 100 a/c)



⊗ Problem

Switching in between apps to manage issues.

⊗ → ⊙ Solution

All you need inside one app - problems are solved quicker, more operational savings.

⊙ Facts - SITA Mission Watch

Dispatchers and pilots are exchanging ACARS messages **30% faster**, with everything inside one app.

Dispatchers spare up to **30mins** per shift in redundant manual cross checks and clicking time.

Work with visualized reroute options, each with time & fuel savings, saving up to **3% of fuel** during cruise phase.

The premium flight tracking tool validated globally, for safe and efficient operations.

95+
Airlines
Globally

22K+
Daily
Flights

3,000+
Dispatchers

5,600+
Aircraft

“SITA has brought all seven airlines across the AirAsia Group and AirAsia X to the cutting edge of flight tracking technology, allowing us to go above and beyond industry safety standards, streamline our operations through a single platform, and boost the ease of collaboration between our flight dispatchers and pilots to resolve any potential issues before they happen.”

AIR ASIA GROUP

“We are operating in a region impacted by extreme weather. We selected SITA Mission Watch because it provides superior aviation weather data and next-generation flight tracking to help build our resiliency to weather events, while improving operational efficiencies and reducing emissions.”

AZUL LINHAS AEREAS

“Alerting functionality is amazing, especially when it comes to inflight re-routing for different reasons, most likely resulting in optimized fuel consumption.”

AEROLOGIC



A wealth of features, in one app

Maximize dispatcher efficiency and reduce stress.

Minimize the steps to complete tasks and efficiently accelerate decisions.



Flight Tracking
OFP Integration

Full compliance with the ICAO GADSS Flight Mandate.



SUA &
SWIM Data

Including GDP, GS, FCA, FEA & advisories.



Optimized
Routes

Visualize reroute options with time & fuel savings.



Weather
Resistance

50+ weather products, overlay
with 4D weather visualization.



Manage by
Exception Alerts

Configurable alerts, filters & situational
awareness design.



Predictive Data
with AI and ML

Precise Arrival and taxi in times for better
turnaround management.



Aircraft
Communication

In app ACARs messaging & CPDLC uplink / downlink.



Traffic
Visibility

Global airline traffic / airport surface movements.



Reroute calculation powered by [SITA OptiFlight®](#) - The first and only Digital Twin powered inflight optimization solution that predicts, optimizes, and reports fuel savings across all phases of flight.



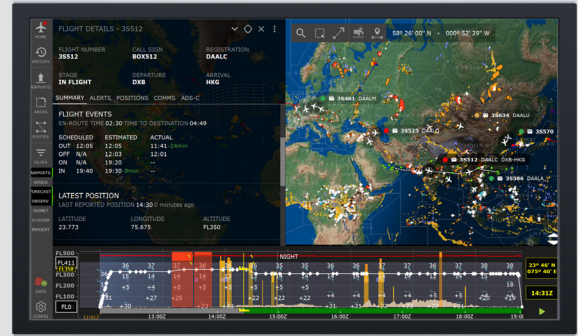
Feature Highlights

Intuitive 4D user interface



See the status of all tracked flights in one user friendly interface. Users can easily visualize:

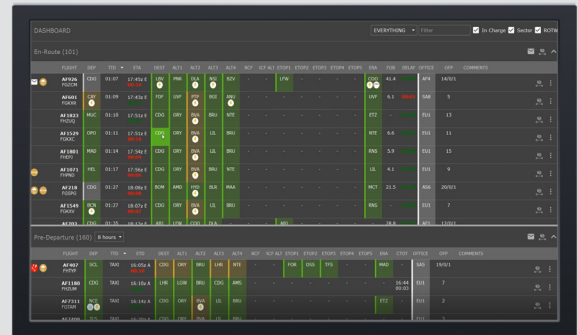
- Flight plans, and their trajectory with weather nowcast & forecast
- OOOI info / current aircraft position / FOB actual v.s. projection
- Scrollable timeline bar
- Vertical bar with altitude and weather events
- Color scaled, manage by exception alert



Dashboard



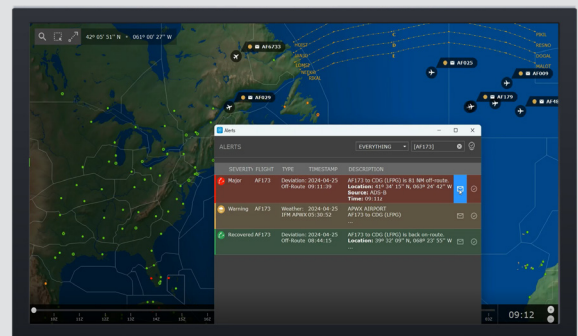
- Benefit from an Office/Desk segregation view (pre-departure included), together with METAR/TAF conditions for relevant airports, applied with suitability time.
- Send and receive ACARS messages and compare OOOI times and delays.
- Monitor fuel consumption in real-time.



24/7 alerts engine



- Under manage by exception design, we have a configurable list of alerts and their parameters, categorized by color coded severity.
- 30+ configurable alert & trigger parameters , including position, FL, NOTAM, weather hazards, airport status, and fuel alerts.





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