

The Weather Company aviation solutions — Maverick Dispatch™



Intelligent solutions for modern dispatch operations

Introducing Maverick Dispatch, an innovative SaaS-based flight-following solution powered by The Weather Company's Weather Forecast Services that transforms how dispatchers interact with critical data, enabling faster, more informed decision making from ground to air.

In an era of increasing data complexity, Maverick Dispatch cuts through the noise to help your team prioritize essential operational decisions in a single, user-friendly interface. The cloud-based platform integrates:

- Intuitive workflows that reduce cognitive load, from flight following to route planning
- Real-time data visualization and analysis tools spanning surface to global airspace
- AI-driven insights for immediate action, including Smart NOTAM summaries that group and prioritize what matters
- Shared situational awareness through user-defined warning areas that dispatchers can publish across the team
- Weather alerts that highlight critical information in context — from convective and turbulence hazards to airport holding, taxi delays, and route changes — with severity-based prioritization and acknowledge, snooze, and flag actions that keep the whole desk in sync

Maverick Dispatch helps minimize delays, optimize routes, and reduce fuel burn — delivering tangible cost savings. By distilling complex data into clear, actionable intelligence, your team can focus on what matters most: maintaining safe, efficient operations while reducing disruptions across your network.

Operational risks

Today's dispatchers face mounting pressure to maintain operational efficiency while managing a flood of alerts and fragmented data sets. Information overload, along with the need to balance weather concerns with air traffic programs and company policies, often creates more problems than solutions.

Key hurdles include:



Alert fatigue from too many notifications with limited context, making it difficult to identify and act on critical information.



Disconnected weather and aviation data sources that require constant switching between systems.



Dispatch systems built before the need to manage multiple dynamic and complex data sets.



Time lost to troubleshooting separate data streams versus interpreting them for operational decision making.

Without a unified solution that brings together relevant weather data, alerts, and aviation information in an intuitive interface, teams will continue to struggle with efficiency. Dispatchers need a streamlined flight-following solution that delivers actionable insights within their existing workflows to help drive faster decisions.

Key benefits

Better decision making

View comprehensive weather impacts through advanced Global High-Resolution Atmospheric Forecasting System (GRAF®) data layers and new mapping technology, delivering critical information in context.



Comprehensive Mapping

Delivers critical decision-making context via advanced GRAF data layers — satellite, tropical tracks, volcanic ash, turbulence, oceanic tracks, aeronautical charts, NAVAIDs, and airways.



Route & Risk Planning

Profiles airport-level risk instantly with Forecast on Demand™, while the integrated Route Manager plots, searches, and compares routes, CDRs, and preferred routings on-map.



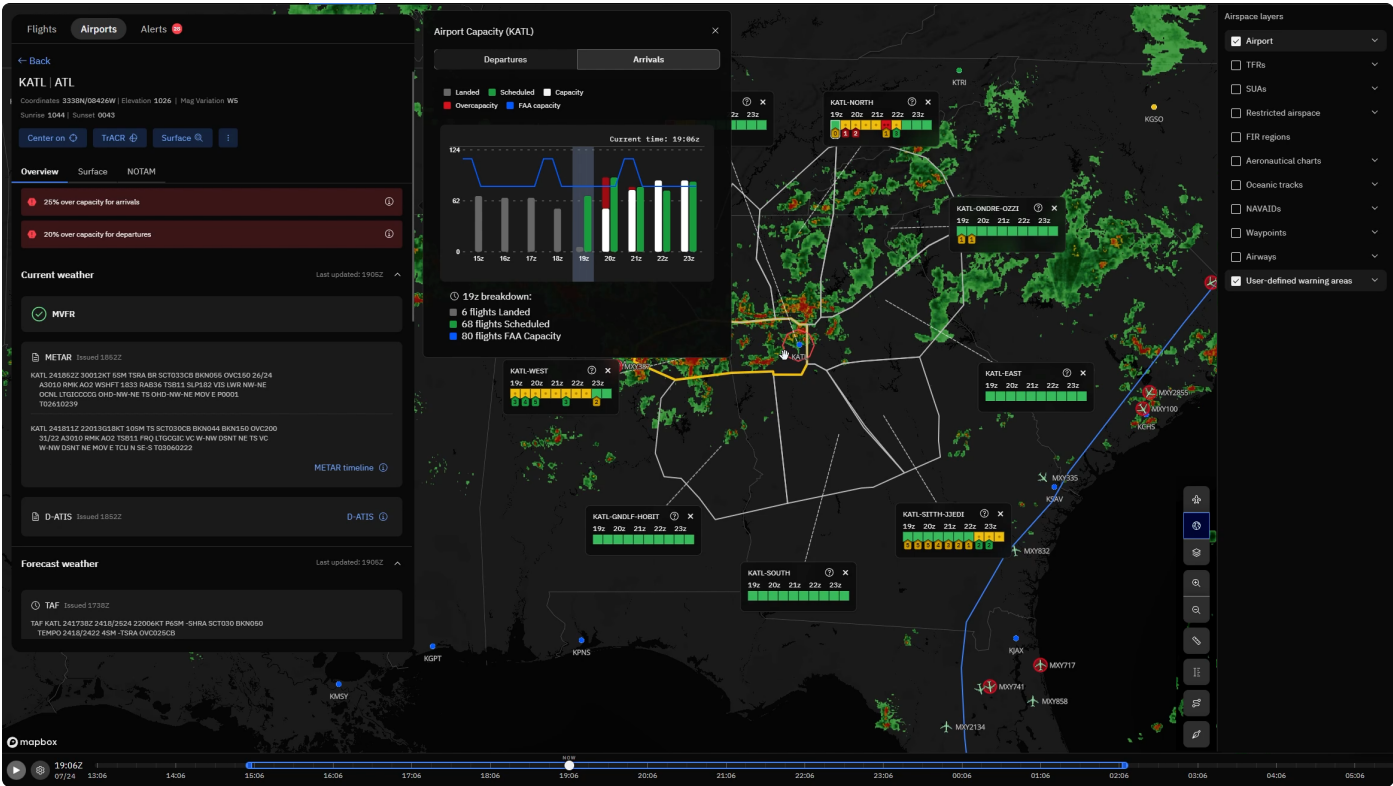
Dual Radar Options

Choose between a global radar mosaic of observed/forecast conditions or a high-coverage layer blending past, current, and GRAF 72-hour forecast data.

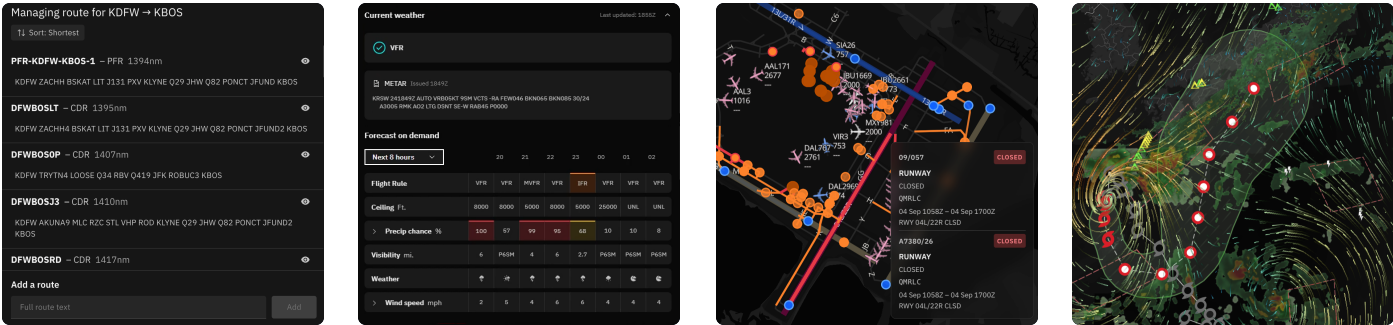


Flight & Airport Context

Surfaces Weather Company TAFs directly in airport and flight details, while visualizing surface NOTAM runway and taxiway restrictions on the surface movement map.



An intuitive, modern interface drives efficiency and faster decisions



Flight following & route planning

Airport insights & Forecast on Demand

Surface NOTAM visualization

Surface-to-global map layers

Insights-driven workflows

Leverage AI-driven models like terminal airspace convective risk (TrACR), airport arrival rate (AAR), and airport departure rate (ADR) directly in your workflow to detect fleet issues and act on the impact of weather on airline operations. Enhance diversion management and flight risk analysis with capabilities like Forecast on Demand™ and IATA Turbulence Aware (EDR) data, and get partner analytics directly within the application to help your team make faster, more informed decisions for IROPS and beyond.

Enhanced product platform

Experience rapid software updates and new feature deployments with flexible controls like feature flags, allowing your team to adopt innovations at its own pace and reduce the burden on IT.

Unified cloud experience

Ensure all team members access the same up-to-date information and intelligent insights in a common SaaS-based platform. Enhancements and defects can be rapidly integrated into production, while allowing customization for specific operational needs.

Proven value, collaborative approach

Maverick Dispatch's iterative design and development cycles reduce time for new features, while deployment cycles are shortened, and easier training can be adopted in test environments.

In developing the Maverick Dispatch experience, The Weather Company completed 30+ design reviews with airline partners to understand data and workflows that are being used today.

The Weather Company aviation solutions suite is backed by nearly 30 years of aviation forecasting expertise — helping airlines and airports proactively manage disruptive weather to maintain safe and profitable operations for ~25,000 flights per day.

30+

design reviews

~30 yrs

forecasting
expertise

~25,000

flights / day

**Explore The Weather Company aviation
solutions →**

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