



Osprey:API

Risk Intelligence for Aviation Operations

Osprey's API delivers trusted aviation security and operational risk intelligence directly into the systems your teams already use.

Access airport, country and airspace risk scores alongside Osprey Alerts and Forecasts to support flight planning, dispatch, route assessment, operational control, security monitoring and duty of care programmes.

Built specifically for aviation, Osprey's API helps organisations integrate structured risk intelligence into operational workflows, reduce manual effort and make more informed decisions across their network.

Key Benefits



Improve Operational Decision-Making

Integrate Osprey risk intelligence directly into routing, destination planning and operational workflows.



Automate Risk Analysis

Reduce manual processes by accessing Osprey risk scores, Alerts and Forecasts delivered directly through the API.



Enhance Crew Safety

Give operational teams structured risk intelligence to support decisions affecting active and planned operations.



Expand Operations with Confidence

Support decisions in unfamiliar or higher-risk operating environments with consistent Osprey risk intelligence.



Integrate into existing workflows

Bring Osprey intelligence into flight planning, dispatch, operational control and proprietary systems.

Trusted intelligence. Delivered directly into your workflow.





Available API Data

Airport Risk Scores

Coverage across 25,000+ airports worldwide.

- **Standard:** Airport identifiers, Geographic data, Total Risk Score, Risk Level classification.
- **Enhanced:** Standard + Risk Theme breakdowns, Greater transparency into score drivers.
- **Premium:** Enhanced + Proximity-based threat indicators, International transport designations, Military presence indicators

Country Risk Scores

Coverage across all global territories.

- **Standard:** Country risk score, Flight risk Level classification, Geographic context.
- **Enhanced:** Standard + Risk Theme breakdowns, Detailed understanding of national risk drivers.

Airspace Risk Scores

Risk intelligence to support route assessment, flight planning and decision-making.

- **Standard:** Airspace risk score, Flight risk Level classification, Risk Area Shape.
- **Enhanced:** Standard + Risk theme-level breakdown, Detailed understanding of national risk drivers.

Alerts

Directly into existing operational systems and operational workflows.

- **Standard:** Alert ID, Date, Type, Title, Locations, Classifications.
- **Enhanced:** Standard + summary, Analysis, Advice, Sources with Links.

Forecasts

Supporting forward-looking risk assessment within operational planning and workflows.

- **Standard:** Forecast ID, Date, Type, Title, Locations.
- **Enhanced:** Standard + Summary, Analysis, Classification-controlled elements, Advice, Forecast Data with Probability and Timescale, plus Source Links.

Delivering Risk Intelligence into your Workflow

Osprey API provides a consistent way to bring structured aviation risk intelligence directly into the systems your teams already use, helping reduce manual hand-offs and support more scalable operational decision-making.

Trusted intelligence. Delivered directly into your workflow.

