

Osprey:API - How it compares

Osprey's API brings the risk intelligence your team already relies on directly into the systems you use every day. The comparisons below show how that approach differs from the alternatives aviation and insurance teams typically weigh up.

1 Osprey vs. established data and analytics providers

Many aviation and insurance teams already draw on broad market intelligence providers for part of their risk picture. These providers offer wide coverage across many industries, while Osprey is purpose-built for aviation-specific risk intelligence. Risk assessments are frequently delivered as narrative judgements rather than a single figure your team can build directly into pricing or planning.

	Osprey API	Established data and analytics providers
Focus	Purpose-built for aviation and insurance risk intelligence	Broad coverage spanning many industries and data types
Scoring	Airports, countries and airspace return a numeric total risk score with an optional addition of theme-level breakdown	Risk assessments are often delivered as a written judgement rather than a single comparable figure
Integration	Delivered as a dedicated API, built for flight planning, dispatch and underwriting systems	Delivery model varies by product and is not always built for direct system integration
Forward View	Enhance Forecast data with the option to add probability and timescale, supporting decisions ahead of an event	Scenario-based forecasting exists in some products, though not tailored to aviation operations



A numeric score changes what your team can do with the data. Instead of interpreting a narrative assessment, your underwriters and operations teams can price, compare and monitor risk on a consistent, standardised basis.

2 Osprey vs. integration platforms

Several organisations move operational data between systems using integration or messaging platforms. These platforms play a valuable role in an organisation's technology stack, moving data reliably between applications. Osprey's API is built to work alongside this infrastructure rather than replace it: once connected, Osprey's risk intelligence can flow through the same integration layer your team already relies on.

	Osprey API	Integration platforms
Role	A dedicated source of proprietary risk intelligence	Infrastructure that moves data your organisation already holds or subscribes to
Data Provided	Osprey's own analyst-reviewed scoring and intelligence	Dependent entirely on the data sources connected to it
Relationship to your stack	A new source of risk intelligence, ready to plug in	A pathway Osprey's API can integrate through, not a substitute for it



If your team already has an integration platform in place, adding Osprey does not mean starting again. It means feeding a proven, scored intelligence source into infrastructure you have already built.

3 Osprey vs. building in-house or managing data manually

Some organisations build their own internal risk systems or manage Osprey and other data manually, through downloads, emails and re-entry into internal platforms. This approach gives full control, but it comes with an ongoing cost: manual processes create repeated hand-offs, re-entry, and ongoing operational effort, while in-house systems depend heavily on the people who built them.

	Osprey API	Building in-house or managing manually
Currency of data	Direct access to Osprey Alerts and Forecasts, and risk scores	Only as current as the last manual update
Consistency	One standardised scoring methodology applied across your entire network or portfolio	Depends on whichever internal process or judgement has been built
Ongoing effort	An Osprey-maintained service	Ongoing engineering or analyst time, with institutional knowledge at risk when a key person moves on
Proven in production	Four clients are already running Osprey data in production through the API, generating approximately 187,000 combined requests since early May 2026	Direction of travel for teams we speak with is away from this model



One flight operations lead summarised the problem clearly: rather than downloading a report, waiting for an email and uploading it into another system, they want the data to move automatically. The API is designed to remove that manual step by integrating standardised Osprey intelligence directly into the systems you already use.

API in use today

Clients are already consuming Osprey Airport data through the API, generating approximately 187,000 combined requests since early May 2026.

Customer discovery has highlighted a preference for integrating Osprey intelligence directly into existing operational systems, reducing the need for manual download, email and re-upload workflows.

Talk to us

To see how the API would work against your own network or portfolio, contact your Osprey account team or email hello@ospreyfs.com.