SKYRAY

SkyRay Platform:
The Digital Infrastructure for Aviation Cyber Risk

SkyRay Platform delivers a unified foundation for visibility and threat intelligence, enabling operators to continuously assess, manage, and monitor risk across their fleet operations and the aviation ecosystem while supporting mandatory regulatory compliance.

The platform is anchored by two integrated pillars:

SkyRay Compliance

Providing the visibility and digital infrastructure required for continuous regulatory alignment.

Continuous Fleet Governance & Regulatory Readiness

Digital Twin Architecture
Uses proprietary technology to create a persistent digital replica of every tail number for continuous, remote risk assessment.

System Integration
Seamlessly integrates with existing aviation maintenance and engineering systems, such as AMOS, to leverage real-time aircraft data for security analysis.

Non-Intrusive Monitoring
Provides deep technical risk visibility without ever touching the physical aircraft or voiding manufacturer warranties.

Regulatory Alignment
Specifically engineered to meet the continuous operational assurance mandates of EASA Part-IS and FAA frameworks.

Live Observability
Replaces dangerously obsolete manual assessments with the persistent digital visibility required to meet modern legal standards.

SkyRay Intelligence

A model-driven, aviation-specific threat intelligence layer that continuously identifies and contextualizes risks.

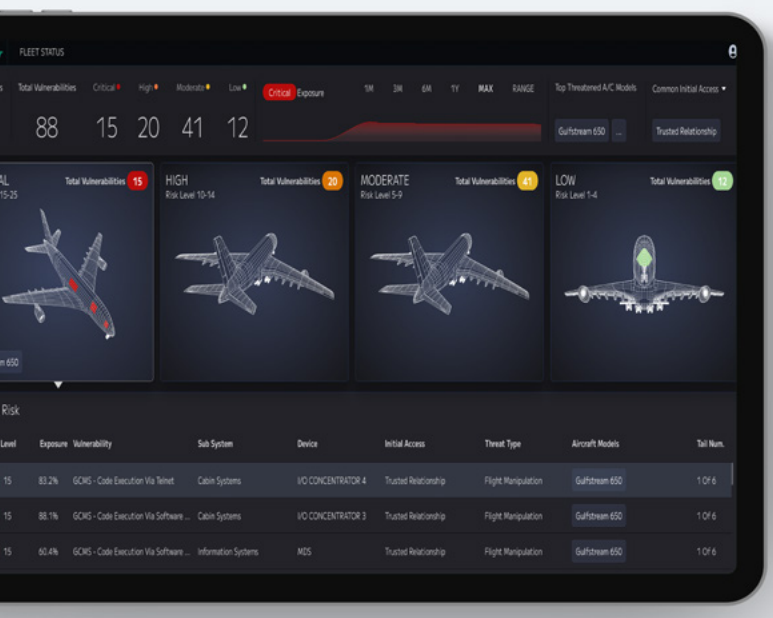
Continuous Fleet Governance & Regulatory Readiness

Real-Time Threat Detection
Provides constant monitoring of global, dark web, and aviation-specific threat sources for immediate awareness.

Route-Based Risk Mapping
Connects intelligence directly to flight operations by mapping threat sources to specific routes and geographical environments.

Actionable AI Insights
Translates complex data into aircraft-relevant insights through actionable alerts and AI-powered reporting.

Contextualized Analysis
Connects external risks directly to fleet operations through tailored, aviation-specific threat analysis.



Why Pick SkyRay Platform?

Strategic Validation
Supported by a strategic agreement with Boeing and active engagement with major airlines, MROs, and OEMs.

Operational Continuity
Protects against critical safety risks and prevents costly Aircraft on Ground (AOG) situations caused by cyber events.

Financial Protection
Safeguards operators against regulatory penalties that can reach up to 4% of global turnover.

Industry Infrastructure
Serves as the dedicated "compliance infrastructure layer" for the global aviation industry.

Safety-First Design
Bridges the critical gap between long aircraft lifespans and the daily evolution of modern cyber threats.

CYVIATION

Always On. Always Compliant.