



FROM DAYS TO SECONDS: HOW A GLOBAL AVIATION LEADER BUILT A FASTER, AUDIT-READY REPORTING SYSTEM

7

CORE DASHBOARD DELIVERED

40,000

TOTAL RECORDS TRACKED

Zero

MANUAL DATA AGGREGATION

CLIENT

A leading international aviation enterprise operating a large-scale, multi-vendor security estate with approximately 40,000 device records and complex multi-identity compliance requirements.

GEO: USA

 AVIATION INDUSTRY

PROJECT CONTEXT

- An international aviation company managed a complex cybersecurity environment with disconnected tools for device, identity, and inventory tracking
- The security team relied on manual exports and spreadsheets to compile compliance reports.
- The spreadsheet-dependent process was error-prone and could not scale alongside group expansion.
- The business required a centralized, automated platform to serve as a real-time source of truth.

PROJECT OBJECTIVES

- Create a single summary dashboard to give leadership a comprehensive view of overall security health.
- Continuously validate approximately 40,000 corporate device records against active security coverage
- Support aBuild verification logic into the data layer so reports are consistent and instantly ready for regulatory reviews.
- Scale the platform to onboard four additional subsidiary entities without needing parallel infrastructure.

SOLUTION DELIVERY

- **Cloud Compliance Platform:** Deployed a secure, regional cloud repository meeting strict data residency requirements.
- **Data-Level Logic:** Embedded compliance rules into the data layer, making records the unalterable audit artifact.
- **Continuous Alignment:** Implemented a 15-minute sync loop to completely eliminate asset and inventory drift.
- **Subsidiary Multi-Tenancy:** Added a minimal-disruption tagging framework to safely extend monitoring to four group subsidiaries.

TECHNOLOGY STACK



elasticsearch

Linux



KIBANA



Red Hat



logstash



Azure