

AirportSUITE

Connecting airport operations
Unlocking smarter performance

Airports face an increasingly complex and rapidly changing operational environment where traditional elbow coordination is no longer feasible. With multiple control centers or expansive Airport Operations Centers (APOCs), stakeholders must rely on more than proximity to align decisions. The Frequentis AirportSUITE empowers airports to streamline operations and unlock new levels of efficiency by optimising and automating processes across core departments. From facility management and infrastructure planning to safety management and operations, our integrated platform breaks down silos and connects teams through intelligent workflows and shared data.

AirportSUITE at a glance

- Holistic process integration into a single platform
- Real-time situational awareness on a common operational picture
- Digital transformation towards smarter airport operations
- Workflow and decision support with integrated business processes
- Modular, scalable, and flexible
- Regulatory compliance and safety, meeting EASA and Eurocontrol requirements
- Cloud or on-premises operation provide maximum flexibility to meet IT strategy and security requirements

Key features

By harmonising cross-departmental collaboration, AirportSUITE transforms complex airport environments into a single, coordinated operational ecosystem. Real-time situational awareness connects all stakeholders through a shared common operational picture, providing a single source of truth across landside, airside and terminal operations. Supported by AI-driven analytics, AirportSUITE enables smarter, faster decision-making while supporting long-term planning.

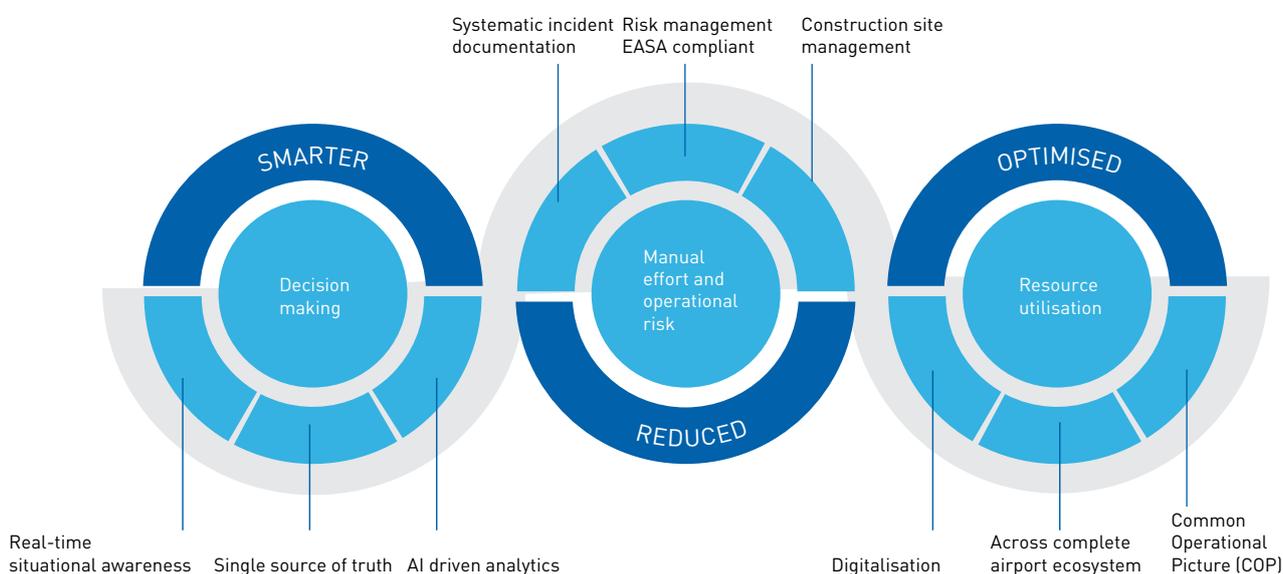
Digital workflows replace manual processes where human errors can occur, and a digital APOC enables more precise coordination, reduced delays, and more efficient use of energy, assets, and personnel, reducing the environmental footprint, unlocking airport-wide efficiency that is both operationally resilient and environmentally responsible.

FREQUENTIS

FOR A SAFER WORLD

Unlocking airport-wide efficiency with AirportSUITE

Manual effort and operational risk are significantly reduced through systematic incident documentation and integrated risk management processes aligned with the requirements of the European Union Aviation Safety Agency (EASA) and standards and recommendations of the International Civil Aviation Organisation (ICAO). Safety, compliance, and reporting are embedded directly into daily operations, ensuring consistency, traceability, and regulatory conformity across the airport, while enabling teams to focus on proactive risk mitigation. Through end-to-end digitalisation, AirportSUITE optimises resource utilisation across the entire airport ecosystem while actively supporting sustainability objectives.



Benefits

Unified operational control

From high-intensity airside environments to complex landside operations, Frequentis AirportSUITE connects systems, stakeholders and data within a unified control centre framework. By creating a shared, continuously updated operational picture, airports gain the transparency needed for smarter, faster decision-making while maintaining a clear foundation for long-term planning.

Coordinated efficiency and compliance

The integration of tower systems, operational data, security coordination and terminal processes enables more precise collaboration, reduced delays, and optimised use of energy, assets and personnel.

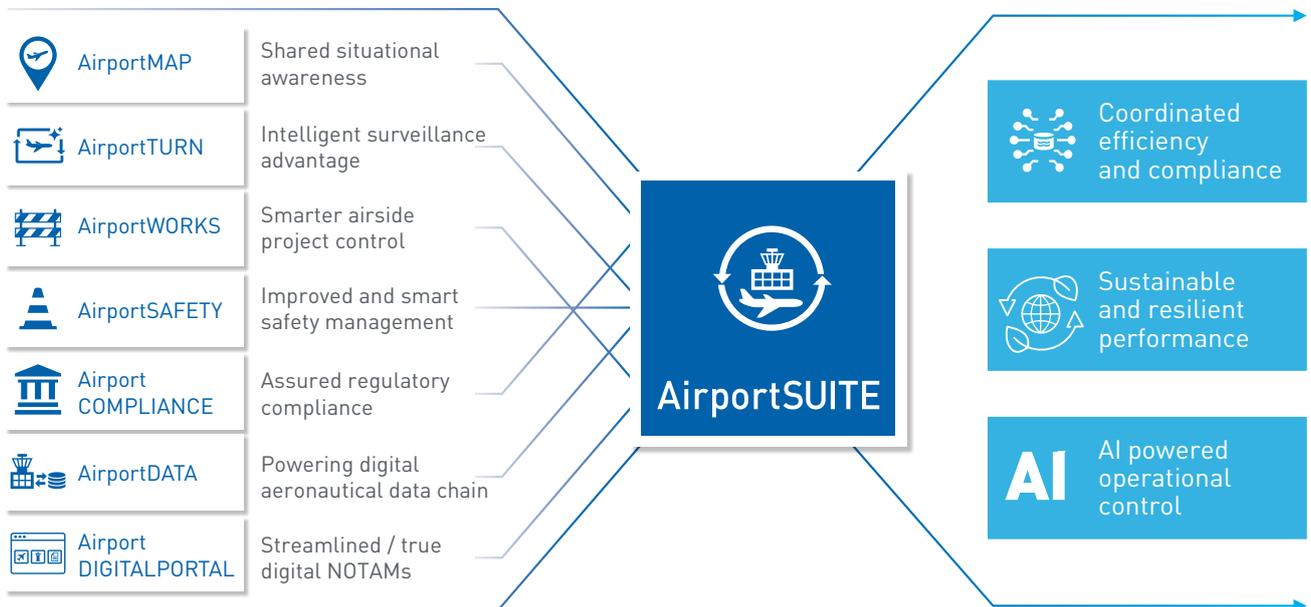
Standardised workflows ensure consistency, traceability and regulatory conformity across the airport ecosystem, allowing teams to move from reactive responses to proactive risk mitigation.

Sustainable and resilient performance

Through improved coordination and resource utilisation, airports reduce their environmental footprint while strengthening operational resilience. The result is efficient, secure and passenger-focused performance, delivering continuity on the ground, precision in motion, and sustainable value across the entire airport operation.

Modular composition for enhanced flexibility

The AirportSUITE modular composition specifically supports the APOC and enhances coordination across apron and terminal-side processes.



AirportMAP

consolidates live data from key airport systems into an intuitive map view providing a clear, shared operational picture.

AirportTURN

enables proactive interventions, optimised resources, enhanced passenger experience through scalable, cloud-native operations by predicting delays and risks.

AirportWORKS

supports safe, efficient construction and maintenance by providing a single platform for planning, approvals, and coordination.

AirportSAFETY

enables proactive risk management through integrated Safety Management workflows and real-time visibility of hazards across the airport.

Airport COMPLIANCE

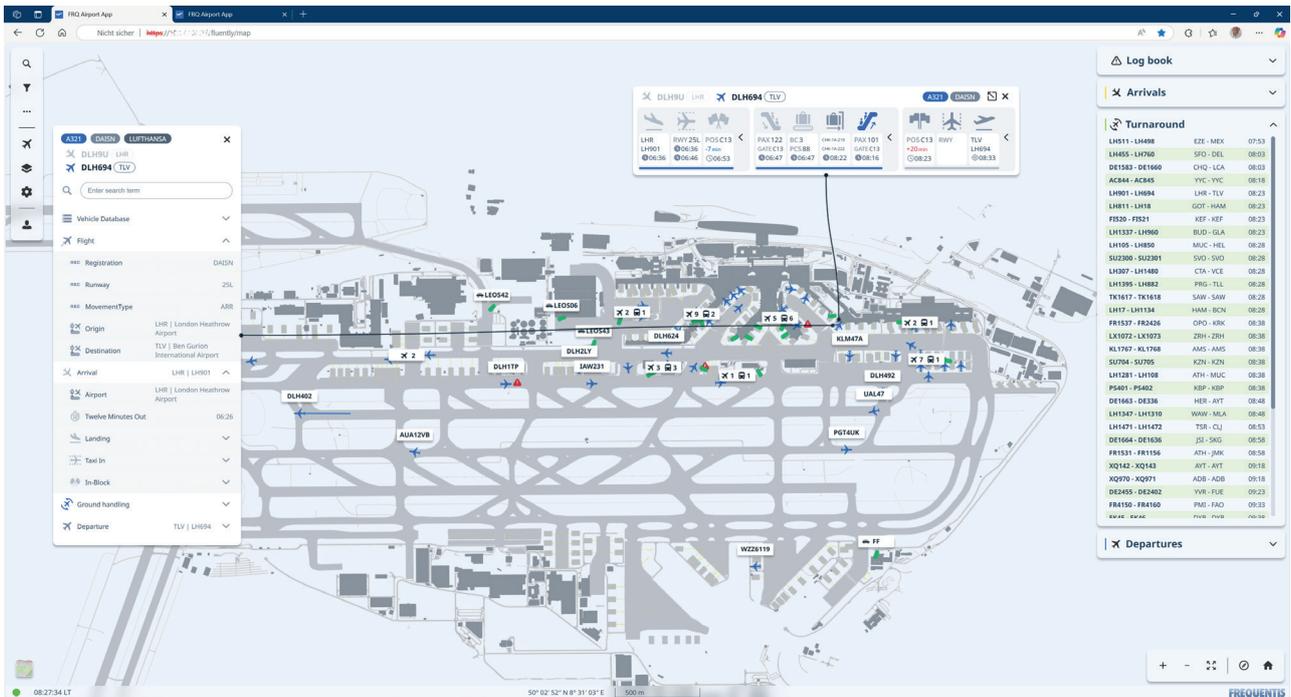
delivers real-time visibility of regulatory status across all airport operations

AirportDATA

provides a trusted, end-to-end aeronautical data foundation, digitising the entire data chain from survey to publication and ensuring a single source of truth.

Airport DIGITALPORTAL

streamlines compliant digital workflows and regulatory processes, reducing manual effort and risk.



AirportMAP

Facts and figures

Installed sites

Operational at more than 60 airports worldwide, supporting over 1,000 users across Europe with zero operational outages over more than nine years of continuous operation.

Processing scale

Executes over 33 billion business rule checks, processing more than 3,400 operational data sets and analysing over 15 million operational features to support predictive insights and operational optimisation.

Operational awareness

Delivers 360° situational awareness of airport operations and resources, providing a unified operational view across airside, landside, and airport infrastructure.

Supported data sources

Meteorological inputs including METAR, TAF, meteorological sensors, and RVR, combined with operational and surveillance data from AODB, A-CDM milestones, CCTV streams, and A-SMGCS surveillance feeds (ASTERIX CAT 021/062).

Geospatial integration

Integration of airport GIS data, enabling the use of multiple map layers and background maps for enhanced operational visualisation and contextual situational awareness.

FREQUENTIS AG

Innovationsstraße 1
1100 Vienna, Austria
Tel: +43-1-811 50-0
www.frequentis.com

The information contained in this publication is for general information purposes only. The technical specifications and requirements are correct at the time of publication. Frequentis accepts no liability for any error or omission. Typing and printing errors reserved. The information in this publication may not be used without the express written permission of the copyright holder.