NATS

Intelligent Stand Manager

Automated stand planning.
More resilient operations.

SEARIDGE TECHNOLOGIES

In collaboration with

NATS

Create stand plans in minutes, not hours.
By harnessing Searidge's proven technology and drawing on NATS' operational expertise, Intelligent Stand Manager uses data-driven insights and AI driven optimisation to deliver stand plans you can depend on, ensuring smoother, more efficient airport operations.



Benefits

Operational resilience

Predictive analytics and what-if simulations adapt stand plans in real-time to boost airport resilience.

Aircraft turnaround

Reduce aircraft turnaround time for improved operational efficiency, including fewer delays.

Team alignment

Align airside and airport teams with a trusted plan between airside and airport from ground handlers to airlines.

Passenger experience

Increase passenger satisfaction with improved punctuality and better gate management.

Compliance and reporting

Enhance regulatory compliance and safety protocols through advanced system reporting on a single platform.

Emission reductions

Accurate and dynamically adjusted stand plans limit airline's fuel burn, reduce carbon emissions and improves environment for ground crew.

Future growth

Searidge's non-proprietary digital Chorus platform is fully scalable and secure by design, to support future growth and digitalisation of airport operations.

DATA BREAKTHROUGH AWARD 2025

WINNER 2025:
Data Solution of the Year - Transportation

Features

Automated planning

Real-time data and sophisticated algorithms are used to create and recalculate stand plans in minutes. Plans are optimised on priority KPIs, such as reducing towing and coaching, or increasing pier availability.

Conflict resolution

Automated conflict resolution minimises wait times and the impact of disruption.

Simulation

Quickly investigate and analyse what-if simulations of various airfield, terminal and schedule scenarios.

User Friendly interface

Role-based access through a user-friendly interface allows teams to focus on relevant and actionable data, with a clear view of operational progress and ability to review data to benchmark performance.

Reporting

Run reports based on KPIs to review data and benchmark performance.

Seamless integration

Built on Searidge's Chorus digital platform, with cloud, on-premise or hybrid deployment options, to seamlessly integrate with other operational systems.

Scan here to talk to one of our experts.

Related products

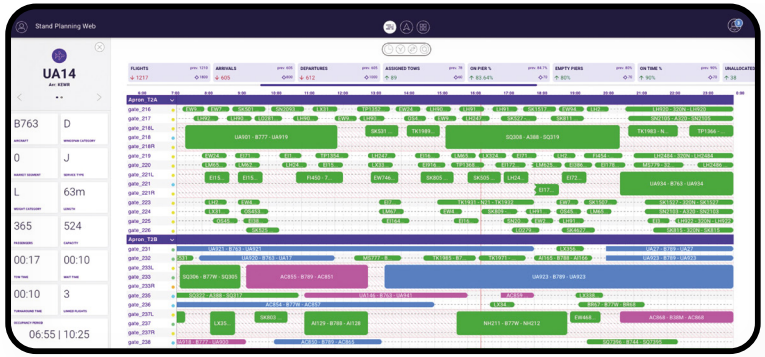
Airport Capacity Enhancement
A data-driven diagnostic service that delivers a tailored roadmap to optimise airport performance.

Demand Capacity Balancer
A predictive tool that anticipates demand and mitigates disruption, from 6 months to the day of operation.

Strategic Airport Capacity Manager
A scheduling solution that support strategic decisions and fine tunes schedules, 6+ months in advance.

Airfield Insights
A digital twin that turns airfield movements into actionable data, helping collaboration and response.

INTELLIGENT STAND MANAGER USER INTERFACE



How can we help you?

Get in touch with **products@nats.co.uk** to understand which of our products can unlock the true potential of your operations. We have teams based around the world to help you.