SEARIDGE TECHNOLOGIES

SMART STAND: AI-POWERED TURNAROUND MANAGEMENT

Move from reactive delay management to proactive departure coordination.

Smart Stand is an AI-powered turnaround solution that automatically detects and timestamps turnaround milestones. By establishing a live, shared view of departure readiness at every gate, Smart Stand improves departure predictability, coordination, and overall stand performance.

Annual Turnaround Delay

$30B in cost to the global airline industry

HOW SMART STAND WORKS

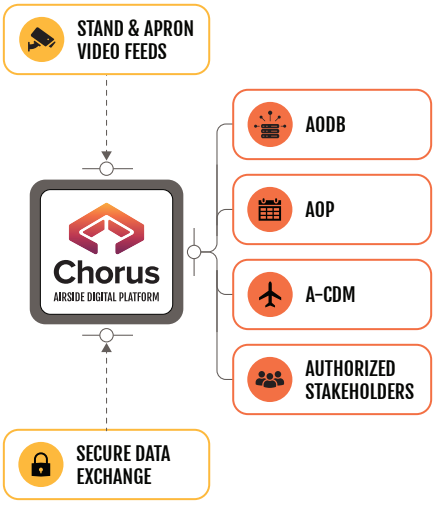
CAPTURE AND ANALYZE TURNAROUND ACTIVITY

Live video feeds from stand and apron cameras are processed by Searidge's AI engine, Aimee.

Aimee instantly converts visual activity into structured operational data, detecting turnaround milestones at the stand and surrounding apron conditions that may impact departure readiness.

OPERATIONAL DATA FOUNDATION

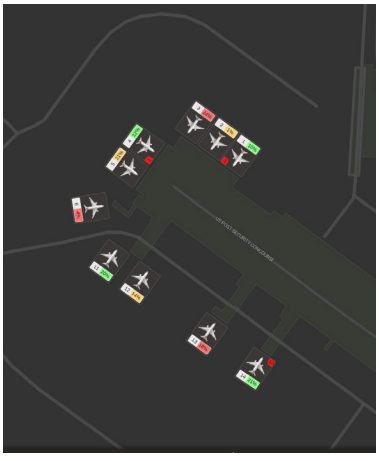
Creates a shared, real-time view of departure readiness.



Chorus, Searidge's airside digital platform, normalizes and securely manages this data, making it available to connected airport systems through standardized APIs.

SMART STAND INTERFACE

Authorized stakeholders access real-time dashboards to view gate status, timelines, and alerts.



Smart Stand provides secure, operational dashboards that give stakeholders real-time situational awareness across individual gates and the wider stand network, helping teams identify delays earlier and support more predictable departures.

KEY CAPABILITIES

AI-ENABLED MILESTONE DETECTION

Automatically detects and timestamps critical milestones - such as on-block, off-block, chocks placement, fueling, and pushback initiation - eliminating the need for manual confirmation.

OPERATIONAL DASHBOARDS AND GATE VIEWS

Equip your teams with an interactive map of live stand statuses and detailed timelines of milestone sequencing for airport-wide situational awareness.

SEAMLESS SYSTEM INTEGRATION

Deliver secure, consistent data sharing. Smart Stand's standardized APIs enable secure, consistent data sharing across systems, ensuring stakeholders operate from a shared, aligned view of turnaround activity.

TURNAROUND-AWARE APRON CONTEXT

Look beyond the immediate stand. Smart Stand monitors surrounding conditions like ground service vehicle congestion and access constraints, identifying bottlenecks before they impact pushback.

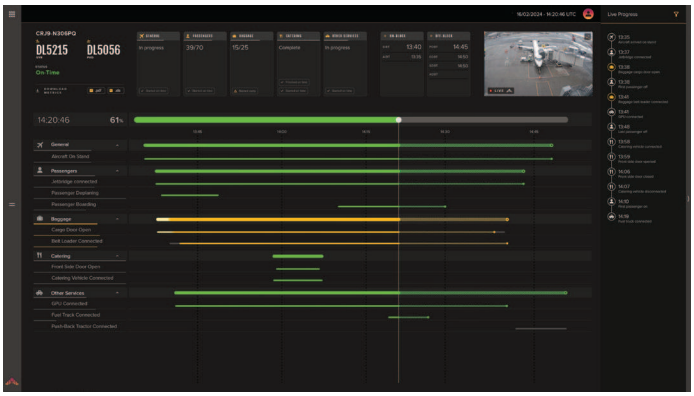
CONFIGURABLE ALERTING

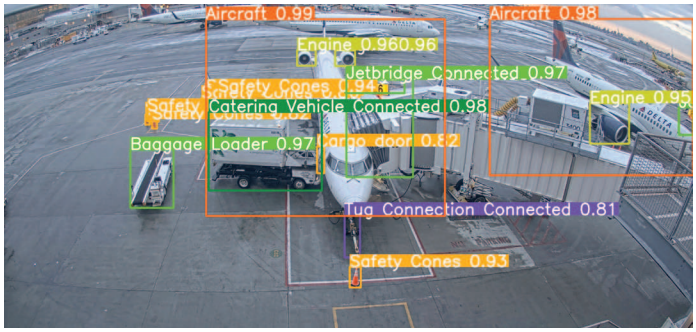
Set custom alerts for specific milestones or timing thresholds. Instantly highlight deviations from the plan so teams can intervene early.

REAL-TIME TURNAROUND TIMELINES

Visualizes live turnaround milestones and progress for each stand, showing what's complete, what's in progress, and where delays are emerging.

SMART STAND IN ACTION





WHY SMART STAND?

Predictable Departures: In compressed-turn operations, departure predictability is critical. Smart Stand replaces assumption-based estimates with structured, real-time operational intelligence. Improve On-Time Performance (OTP) and schedule resilience without adding physical infrastructure.

Coordinated Airside and ATC Alignment: Stop operating in silos. Smart Stand shares automated milestone intelligence across airlines, ground handlers, airport operations, and ATC. This reduces reliance on reactive communication and supports more coordinated decision-making across the apron.

Resilient and Scalable Digital Infrastructure: Built on Chorus, Searidge's airside digital platform, Smart Stand delivers high availability and seamless integration. It scales reliably across large gate networks, aligning perfectly with strict airport IT governance and cyber standards.

SEARIDGE TECHNOLOGIES

Ready to transform your turnaround performance?

Bridging the gap between physical operations and digital intelligence starts at the stand.

For more information on our solution or to speak to our team:

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