



AI-Powered Platform Delivering Real-Time Visibility Across Every Stage of Aircraft Turnaround.

From improving ground safety and reducing delays to enabling smarter gate planning and sustainability efforts, Synaptic helps aviation teams make faster, more informed decisions across the entire operation.



Improve Arrival Readiness

Stay ahead of delays with real-time alerts when gates aren't clear, crews are missing, or obstacles block inbound aircraft. Synaptic helps ensure every arrival is smooth and on time.



Speed Up Turnaround

Capture every second of the turnaround process. Identify delays as they happen, cut fuel waste, and keep your operation running on schedule.



Ensure Safety & Compliance

Detect safety hazards, policy breaches, and equipment issues instantly. From FOD to safety zone violations, Synaptic helps enforce compliance and protect your people.

➤ Safety & Compliance

AI powered SMS observations like tracking of pre-arrival FOD walks, AI detection of obstacles inside the safety zone, alerts about safety cones not present or detection of personnel not wearing safety vests, etc.

➤ Block Time Efficiency

Improvement in on-time performance contribution leading to potential capacity optimization.

➤ Schedule Dependability

Continuously updated and scheduled Predicted Off-Block Times (POBT) provide visibility and enhance operational awareness.

➤ Automate

Invoice auditing for gate usage, parking times, GPU, PCA usage, and other ground services can now be truly automated.

➤ Sustainability

Reduction of avoidable APU and jet engine idle time on the ground related to arrival readiness. System alerts prevent holds and accelerate GPU connection times. Fuel savings result in quantifiable reduction of CO2 emissions.

**Have Questions?
Scan Here.**



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