Winter deicing creates some of the most disruptive and costly constraints to airline and airport operations: departure delays, extended taxi times, higher fuel burn, secondary deicing, and lower passenger satisfaction scores.

Deice Manager creates a streamlined, centralized, automated process that ensures flights are sequenced just-in-time to the best-available deice capacity, ensuring the shortest pushback to takeoff time, and directly impacting several key operational metrics.

**BENEFITS**
- Reduce delays associated with deicing
- Reduce frequency of costly secondary deicing
- Prioritize high value flights
- Sequence flights into deicing as a function of flight importance and available capacity
- Maximize throughput during deicing event
- Minimize taxi times during deicing
- Shorter deice times
- Faster Gate-Out to Wheels-Up
- Enable airlines to strategically plan their operations, based on PASSUR’s Predictive Engine, allowing the airline to adjust their flight schedules based on the predicted deicing delays.
- Allow airlines and/or third-party ramp managers to effectively manage the flow of deicing traffic (either at a shared deice pad or at the gate) based on predicted time of aircraft readiness and available capacity; and then track each flight’s progress through the deice process until departure.
- Monitor in real-time deice activities on common platform shared by all parties – airlines, airports, deicing managers, outside vendors, on-the-ground trucks, and many more – to ensure deice operations are progressing in an efficient and orderly way.

**WHAT MAKES IT UNIQUE**
- Integrated directly onto PASSUR visual flight tracking (Web Tracker), for a single consolidated view of deicing data and visual flight status of aircraft on the surface
- Powered by PASSUR’s Flight Trajectory predictions – including flight readiness for deicing slot times
- Uses Web Tracker “Regions of Interest” logic (aircraft surface transit time tracking) to alert to status of aircraft in deicing
- Allows airlines to prioritize deice queues based on flight readiness and/or importance
- Fully web enabled and mobile compatible – maximum workplace adaptability

**KEY METRICS IMPACTED**
- Reduce fuel costs by creating the shortest deice queues
- Reduce glycol costs through fewer secondary deicing events
- Reduce onboard taxi times by preventing planes from leaving the gate too early
- Raise the departure throughput at airports
- Improve completion percentage, D0s, and A14s
- Reduce the risks of FAA FAR 117 crew timeouts (crew rest regulations)
- Increase aircraft utilization, reduce variable crew costs, and improve passenger satisfaction due to lower wait times for deicing
HOW IT WORKS/FEATURES AND CAPABILITIES

- Allows users to initiate, change or modify the service request, cancel it, or swap out one flight with another; and alerts to the status of each flight relative to key milestones, such as on-time departure and delays.
- Each Deicing Pad at the airport has a Deicing Pad Slot Table showing the slots, the status of each slot (open or closed) and average deicing time at each of the slots.
- Deice trucks can be assigned and tracked, with performance reports.
- Indicate Flight Priority or Exempt Status.
- Record type of fluid used on aircraft.

Information is updated automatically and shows average deicing time for each slot displayed.

ABOUT PASSUR

PASSUR is a business intelligence, predictive analytics and big data company. Our mission is to improve global air traffic efficiencies by connecting the world’s aviation professionals onto a single aviation intelligence platform, making PASSUR the common element tackling the $30 billion of system-wide inefficiencies.

PASSUR has a broad and global customer network. PASSUR’s products are used by all of the top North American airlines, over 125 airlines worldwide, over 60 airports including 80% of the top 30 airports, approximately 200 business aviation organizations and the US government.

Our core business addresses some of aviation’s most intractable and costly operational and financial challenges, including under-utilization of airspace and airport capacity, delays, cancellations, and diversions.

Our cloud-based local, national, and international collaborative communication network and ecosystem allow us to solve problems collaboratively that can’t be solved by individual organizations.

For more information about PASSUR Collaborative Solutions, or to schedule a real-time online demo, contact sales@passur.com or call 888-340-3712.


Features and functionality may change based on new requirements. PASSUR invests continuously in research and development and intellectual property, which is reflected in an active patent program. A list of awarded patents can be found on www.passur.com.

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