



AIRPORT OPS MANAGEMENT

All Aboard!

Maintaining schedule integrity for arriving and departing flights requires the timely orchestration of sequential events. Running late on so much as a single event can delay an entire operation. Quick remediation of problems is the key to getting back on track when something goes wrong, and alerting and activating the right people at the earliest possible time is essential.

For these reasons, the Airport Operations Management module was developed to provide the command, control, reporting, and delay remediation functions necessary to ensure on-time airport arrival and departure operations.

A graphical listing of events across a Gantt-style interface readily displays event completion, delay, and remediation statuses. Real-time data collection, notification and alerting of event statuses means operations personnel on the local, regional, national, or global level are compelled to take action at the first sign of trouble.

Coupled with business intelligence, powered by Sisense, the Airport Operations Management module further provides granular analysis of operations – and with it, the ability to improve scheduling integrity, efficiency, resource management, frequency of operations, and profitability.

- CONSISTENT ON-TIME PERFORMANCE
- REQUIRES REAL-TIME NOTIFICATION
- OF, AND IMMEDIATE REMEDIATION
- FOR, ANY DELAYED EVENT

Whisk Away Diffusion of Responsibility

With so many moving parts, keeping track of “who is responsible for what” becomes increasingly difficult. The all-to-common refrain, “I thought you took care of that,” translates into late departures, delayed arrival handling, and frustrated passengers.

The SkedFlex Airport Management module solves these problems on several levels. In clearly articulating the person(s) responsible for an event and the person(s) responsible for reporting statuses, diffusion of responsibility is eliminated because each team member knows what is required, when it is required, and who is required to report it. And by incorporating structured, real-time event status and delay alerting tools for management personnel, those out on the front lines get help right away – even before they ask for it – when unexpected challenges occur.

Success, Minute by Minute

Effective controls produce consistent results, and the Airport Management module's visual status board is the centerpiece for system operations status. Real-time system-wide information is aggregated in one place, so nothing is missed and nothing goes unnoticed.

- 1 Green dot with yellow tail: Event was completed during its late (yellow warning) grace period.
- 2 Green dot with red tail: Event was completed during its critically late (red warning) period.
- 3 Yellow dot with yellow tail attached to "now line" (the vertical dashed line): Event is within its yellow warning (grace) period and not in remediation.
- 4 Blue dot with red tail and blue tick marks: Event is critically late and in remediation. The blue tick mark indicates the original estimated time of completion (ETC) has passed, and a new ETC has not been issued yet. Red tail tracks with "now line" until event is completed or a new ETC is established.
- 5 Status column (verbose): Textually lists the critically late (red), late (yellow), and event remediation statuses (blue), that are displayed graphically on the left (Gantt) pane. When more than one event with the same condition is present, the status display cycles continuously through each event descriptor. Conversely, when no alert of its type is present, the corresponding warning box remains empty.
- 6 Blue dot with red tail and blue spike at the estimated time of completion (ETC). Event is in remediation. The visual display readily shows when completion is expected. Events in remediation may have comments associated with them, e.g., "Fueling" is in remediation, and the comment immediately below explains why.
- 7 PID (passenger information display) status. The official status information chosen manually by the operator.
- 8 On time flight example with no delays of any kind.

UNPARALLELED
INSIGHT AND
CONTROL, EVERY
MINUTE OF EVERY
DAY

INSTANTLY
DETERMINE SYSTEM
STATUS WITH
INTUITIVE VISUAL
INDICATORS

