



GROUNDSTAR TURNMANAGEMENT

GroundStar TurnManagement (GS TurnManager) is a comprehensive software solution which provides transparency into the entire aircraft turnaround process. All-important activities, milestones, transfer connections for passenger, baggage and crew as well as their dependencies can be monitored, potential bottlenecks can be identified allowing to take action in real-time.

- Significant increase of operational transparency on aircraft turnarounds
- Reducement of departure delays and delay costs
- Decision support through transparent cost model
- Delay cost recovery predictions across entire station network

GS TurnManager offers precise monitoring of aircraft turnarounds by visualizing the status of each activity and milestone. Situational awareness is insured by the generation of alerts in case of a disruption:

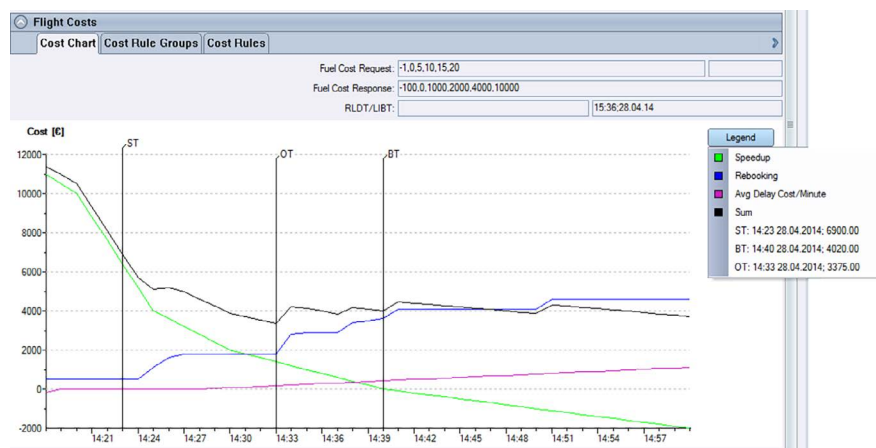
- 1) Early Prediction of Bottlenecks
- 2) Highlighting the root cause of the delay
- 3) Visualizing critical path of activities and milestones
- 4) Indicating the calculated off block time of the aircraft

With early prediction of operational disruptions, the solution provides more reaction time for the Turnaround Manager, enabling active steering of each turnaround sequence. Measures such as deciding to perform a quick turnaround instead of a standard turnaround or assigning more resources to a specific activity to speed it up can be evaluated and carried by the Turnaround Manager.

GS TurnManager provides the monitoring of all turnarounds at all stations of the airline flight schedule. The status of turnarounds at hubs,

as well as its outstations is available, with the GS TurnManager calculating potential knock-on effects of delays throughout the legs of the affected aircraft.

It further provides guidance through its cost model, providing revenue-based decision support allowing for analysis of not only operational, but also financial impacts of disruption, e.g. by comparing departure delay costs vs. rebooking costs based on cost factors, such as delay cost per minute, passenger rebooking or crew costs.



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