

Gates Suite

Gate Planner
Gate Recovery Optimizer



Protect. Plan. Recover.

GATE PLANNER

Airlines and Airports protect schedule revenue and avoid disruptions with an optimal gate plan

Whether an airline managing their gates or an airport managing all gates for all airlines, Gate Planner creates the optimal gate assignments and robust gate rest for the flight schedule.

Operationalize the Schedule

Months before the day of operations, empower network planning analysts to quickly create an optimized gate plan, to determine the operational feasibility of the flight schedule.

Address feasibility issues and operationalize the schedule with least-impact schedule edits, thereby protecting the optimized schedule revenue.

Create a Gate Plan

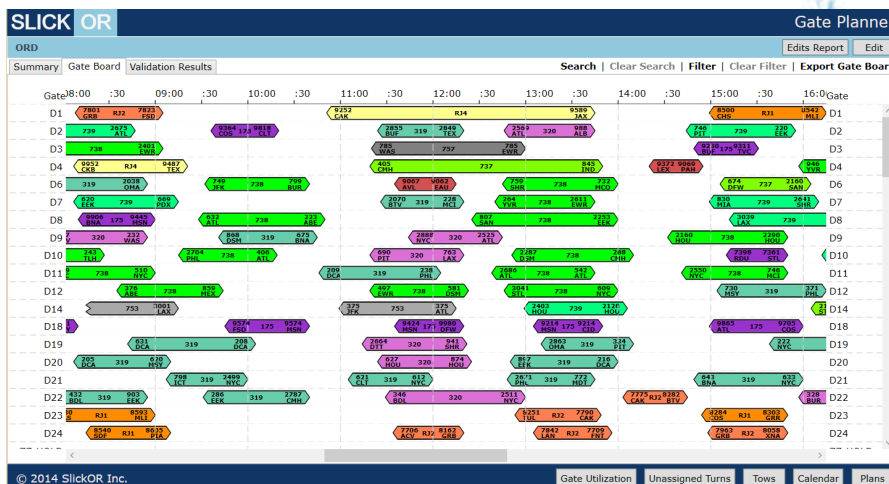
As day of operations approaches, empower your airline or airport gate managers to create a gate plan with optimal gate assignments and robust gate rest between turns for the published flight schedule.

Visualize potential gate capacity and rest issues, and make changes as needed, using the interactive graphical interface and dashboard reports.

- Interactive interface to analyze, edit, and share the gate plan
- Adhere to complex, configurable gate rules and preferences
- Achieve optimal gate rest distribution to ensure gate availability, avoid tarmac delays, and protect OTP
- Save hours of manual effort otherwise spent confirming a schedule's gate feasibility
- Easily communicate results with stakeholders, using a variety of reporting options

1 Hub
200 Gates
1500 Daily Flights
300 Restrictions

Optimal Gate Plan
in under 60 seconds



GATE OPTIMIZER

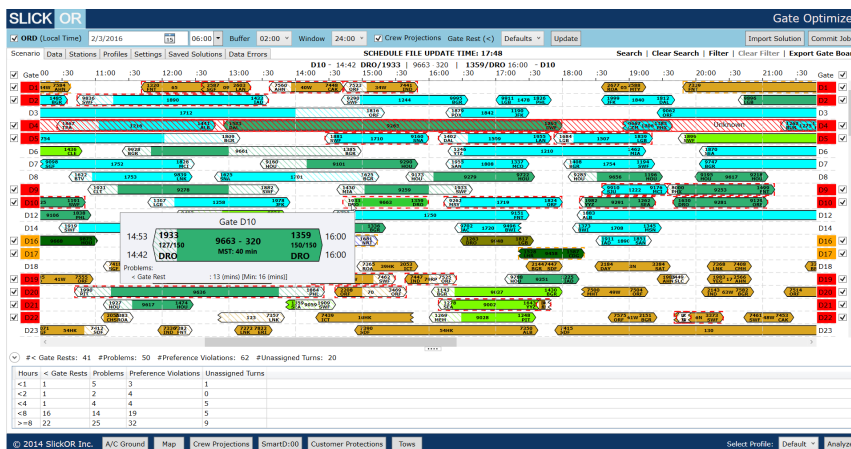
Detect and resolve real-time gate disruptions on the day of operations

Detect real-time gate activity problems for a specified station and time period.

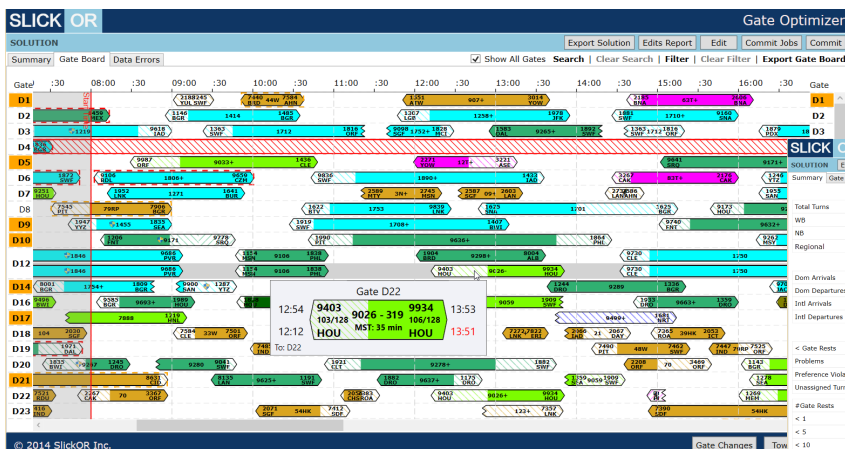
Solve selected or all gate problems, review and edit the gate solution, and commit the gate solution to the system of record.

Improve on-time performance by optimizing gate rest.

- Solve gate problems quickly before they disrupt your on-time performance
- Interactive interface to detect, choose, and solve real-time gate problems
- Communicate solution options to stakeholders
- Analyze, edit, and commit a gate solution to the system of record



100 Gate Problems
in the next 12 hours
Solved in under 60 seconds



The screenshot displays a summary table with columns for 'Before' and 'After' values. The table is divided into two main sections: 'Turns' and 'Flights'. The 'Turns' section includes rows for 'Total Turns', 'Dom Departures', 'Dom Arrivals', 'Int'l Arrivals', and 'Int'l Departures'. The 'Flights' section includes rows for 'Dom Arrivals', 'Dom Departures', 'Int'l Arrivals', and 'Int'l Departures'. The table shows the impact of the optimization on various metrics.

	Before	After
Turns		
Total Turns	609	609
Dom Departures	16	16
Dom Arrivals	209	209
Int'l Arrivals	60	60
Int'l Departures	60	60
Flights		
Dom Arrivals	553	553
Dom Departures	516	516
Int'l Arrivals	23	23
Int'l Departures	60	60
Gate Rests		
< 1	5	5
< 2	4	4
< 3	4	4
< 4	4	4
< 5	4	4
< 6	4	4
< 7	4	4
< 8	4	4
< 9	4	4
< 10	4	4
< 11	4	4
< 12	4	4
< 13	4	4
< 14	4	4
< 15	4	4
< 16	4	4
< 17	4	4
< 18	4	4
< 19	4	4
< 20	4	4
< 21	4	4
< 22	4	4
< 23	4	4
< 24	4	4
< 25	4	4
< 26	4	4
< 27	4	4
< 28	4	4
< 29	4	4
< 30	4	4
>= 30	492	601

SLICKOR Solutions

AIRCRAFT RECOVERY OPTIMIZER

Manage multi-hub IROPS recovery decisions

ATC SLOT OPTIMIZER

Optimize ATC slot substitutions to minimize passenger and crew impact

PASSENGER RECOVERY OPTIMIZER

Optimize passenger itinerary recovery during irregular operations

GATE RECOVERY OPTIMIZER

Detect and resolve real-time gate disruptions on the day of operations

GATE PLANNER

Protect your flight schedule revenue by efficiently evaluating operational feasibility

CREW MANPOWER OPTIMIZER

Optimize crew staffing to meet future flight schedule demands

Quick-to-market, leading-edge
optimization solutions for airline operations



Learn more at www.slickor.com

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