



PDC StandPlan

Stand & Gate Planning



PDC StandPlan from long-term planning to day-of-operation revisions

PDC StandPlan is a decision support system used for planning the assignment of stands and gates in an airport. A wealth of facilities will lead you through all planning stages of gate/stand planning – from long-term specification of apron characteristics

and requirements to last minute revisions on the day-of-operation. Once defined, gate and stand utilization is optimized while also providing an overview that enables increased flights.

PDC StandPlan provides good overview of resources and limitations

Make Decisions You Can Trust

Based on real-time data describing the flights in and out of the airport PDC StandPlan does more than just notifying you of a scheduling conflict. A combination of business rules and decision-making functions enables you to resolve the assignment problems quickly and efficiently.

PDC StandPlan takes into account hundreds of interrelated constraints such as arrival patterns, airline rules, service preferences, handler rules and preferences. Moreover, you have complete control of all the rules and access to easily adjust or update them. Within minutes, you can update the constraints or create new ones in order to modify your assignment strategy. For example, you can set up hard rules that the planner can never violate, such as never parking two specific aircraft types at adjacent stands, and soft rules that allows gate planners to make gate-assignment decisions.

The result is that you can always trust that PDC StandPlan delivers a workable and cost effective assignment solution.

With PDC StandPlan You Can:

- Easily create long-term and day-of operation assignment plans for stands and gates
- Overview resources and limitations: swing gates, sector assignment, parking capabilities, ...
- Assure compliance with airport requirements
- Manage and adjust even complex constraint settings in an easy-to-use way.
- Easily resolve conflicts due to unplanned events
- Simulate and observe consequences of planning decisions before they are applied
- Maintain a high service level to airlines



Key Benefits

01

Improved airline satisfaction

02

Fewer flight delays

03

Increased flexibility

04

Increases productivity

05

Increased traffic



“ *Borispol Airport (Kiev), has successfully implemented PDC StandPlan in 2012. We have many users with different needs but they all find the system easy to configure showing information for the task at hand. We can easily modify and adjust parking and gating constraints to reflect long term as well as temporary restrictions.* ”

Andrey Kharaman, Head of IT Dept.

Representative Features:

Real-time flight displays keep you informed. To support you in the daily operation PDC StandPlan displays all time-based information about flights in and out of the airport in a sophisticated GANTT chart. Using innovative display techniques the chart includes a wealth of information without crowding the display.

Benefitting from an online connection with your AODB PDC StandPlan ensures always updated data and prevents redundancy.

Automatic check for most effective Solution. A large amount of assignments can be done automatically and with small manual effort a complete stand and gate plan may be finished within minutes. Using a comprehensive rule-engine PDC StandPlan always identifies the optimal and less costly solution when allocating stands.

Comprehensive what-if facilities. Making simulations and observing the consequences of changes is very easy in PDC StandPlan. You can make as many simulations and scenarios as you like and switching to live plans is just one click away.

Warnings and alerts of possible problems. All assignments, both manual and automatic, are checked for validity against a comprehensive rule set customized to fit your airport. When rules are violated alerts are presented in a user-friendly way stating the origin of the problem and suggesting solutions to mitigate it. Flexible ways to modify constraints settings. PDC StandPlan includes an open and easy to use constraint setting facility. This

enables the planner to manage and implement even complex rule settings - e.g. define which a/c type or group that creates a constraint on the adjacent stands.

Multi-user functionality. Changes made by one user are instantly available to all other users. Each user can define his own displays, panes and color schemes depending on his specific needs but all data is commonly used. This gives the possibility to e.g. share the responsibility for parts of the airport or you can split the work by terminal, airline, etc.

Fixed and customizable work processes. PDC StandPlan includes a number of fixed templates or work scenarios that cover standard traffic patterns. In addition, the planner has the option to make his own templates which contribute to the flexibility of stand allocation.

Reporting and business intelligence. All information, prospective and retrospective, is available for further processing and reporting. All sorts of reports can be produced in terms of expenditure, use, performance, etc.

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