PDC Airline Suite
Integrated Cost-Effective Solution
Commercial Scheduling, Operations Control, Crew Management

PDC Airline Suite offers an integrated and cost-effective software solution for Schedules Planning, Operations Control and Crew Management. We deliver specially designed solutions customized to fulfill the airline operators’ requests. To ensure fast implementation and high customer satisfaction, the suite offers both on-site and hosted versions.

As a key component of flight operations management, the PDC Airline Suite’s applications provide extensive functions to take care of every aspect of both flight scheduling and flight following. Thus offering substantial cost savings via improved aircraft utilization, increased productivity and better on-time performance.

The applications have the ability to streamline all aspects of operations control and schedules planning into a cost-effective and easy-to-use process, which is available company-wide from a single source of information.

Especially designed solutions requested by airline operators

**Crew Management**

PDC Airline Suite makes the entire process of managing the cockpit and cabin crew assignment more efficient and much simpler. The applications cover pairing creation, roster construction and control, crew tracking and crew records. The crew schedulers are relieved of tedious work while being ensured that the right crew with the right qualifications is in the right place at the right time. PDC Airline Suite is able to handle simultaneously various kinds of constraints within the schedule assuring high efficacy and complying with laws and regulations.

**Short Term Operational Control**

All airlines experience ad hoc changes that often occur a few weeks, days or sometimes hours before departure. PDC Airline Suite is particularly efficient at manipulating last minute changes, by using an advanced graphical display. Each schedule change is then analyzed to ensure schedule consistency, and details of the changes are distributed automatically to all internal and external agencies.

PDC Airline Suite improves on-time performance by providing operations controllers with the tools needed to avoid or minimize delays with timely alerts of any possible schedule disruption. The display automatically updates upon receipt of movement information and a color code will indicate the progress of each flight.

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**Key Benefits**

1. Better on-time performance and increased productivity
2. Substantial cost savings via improved aircraft utilization
3. Streamlined operations control and schedules planning from a single source of information
Short Term Maintenance Planning
Changes in the flight pattern requires changes in the maintenance. However, poor or delayed communication leads to expensive and avoidable flight delays. PDC Airline Suite eases the flow of information between maintenance and other departments, and adjusts the ground time available to comply with the maintenance check schedule.

If the current schedule does not comply with the maintenance check schedule, a graphic view will prompt an automatic display and if problems were not handled in a timely fashion, warnings would be instantly generated.

Accurate Information
PDC Airline Suite receives a constant supply of surface weather information which is analyzed against aircraft landing limits and planned flight schedules in order to provide graphical alerts of deteriorating weather.

A simulation mode allows controllers to assess the effects of changes and calculate the cost prior to implementing the necessary instructions, so that the most cost-effective and efficient solution is selected in the event of unavoidable delays. Slot management is also fully integrated. Requests and responses to and from airport coordinators are processed and distributed and all slot information is maintained automatically. PDC Airline Suite records passenger loads, departure and arrival times and details of any delays, creating extensive management reports, which assist in performance analysis and future planning.

Modular Design
PDC Airline Suite is modular by design, providing potential users with the ability to select those modules relevant to their particular operational needs. The modules all-together cover the fundamental areas of the network and schedules planning phase through and the operations control process, beginning with schedule creation and validation up to six years in advance through up-to real-time flight progress monitoring on the day of operation.

The main applications include:
- PDC FlightTime (schedule creation)
- PDC FlightOps (operations control)
- PDC FlightCrew (crew management).

Because they share the same database all applications are fully integrated and can be used as standalone products or interfaced with existing in-house or with other vendor applications.
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