



Airport Operation Data Base (AODB)

-----Your Airport's operation management tool

Airport Operation DataBase (AODB) is the heart of an efficient airport as it contains all the essential data for airport daily operations.

AIMS provides the Airport Operation Data Base (AODB) system that collects, processes, stores and analyzes the airport operation data and flight information. It feeds data to the Flight Information Display System (FIDS) and provides resources management tool needed by airport operators.

Key Features

User Friendly GUI for schedule input and update.

The AODB system provides a powerful flight data input and updating tool with user friendly screen for operators to input the seasonal schedule. Any revision to the scheduled flight, such as schedule flight cancellation, can be updated. With all the information available, daily schedule can be generated automatically to facilitate airport's daily operation planning.

Real time updates of the latest flight movement

Besides actual arrival and departure time for each flight, operator can also input the latest flight movement information needed by the operations into the system. All information in one

system would ensure data consistency across all the other airport systems.

Graphical Airport Resource Management tool

Aircraft parking stands, loading bridges, baggage claim belts and departure gates can be automatically allocated by the system according to operation regulations.

AODB system presents the allocation of the parking stands, baggage claim belts and departure gates on a real time basis graphically. Operator is able to make changes to the allocation easily by "Drag and Drop" the icons on the screen.



As all changes is made to a centralized database on the real time basis, the FIDS has the most update-to-the-minute information.

Airport performance analysis tool



The AODB processes all airport operations data and generates various statistic reports. Management team, using the report, can review the dynamic demands on the airport facilities and resources and optimize the airport operations, therefore reduce the revenue leakage.

With automated tool available, operator spends less time in doing the routine work and may be able to take more tasks. This will increase the staff productivity.

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Other Features

- Centralized data management;
- Standard SQL Server;
- Easy integration with external system;
- System Monitoring and Control;
- Easy for maintenance.

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Benefits

- **Improve the quality of airport operational data**

As all systems use the data from a centralized database, data inconsistency and the possible confusion that may be caused by the inconsistency of data could be eliminated.

- **Improve customer service quality**

With the management tools, airport operator would be able to respond to the abnormal situations faster such that disruption to operations and impact to customers are kept to the minimal.

- **Increase staff productivity**