

# Amadeus AODB



## Your Airport's Information Center

Providing accurate real-time information to all customers and business partners - both internally and externally - particularly in the aircraft traffic sector, is a critical factor in determining the success of today's airports.

The increase in air traffic volume, and therefore data, the growing number of business partners requiring identical information in a timely manner, and the fact that airports need to use limited resources more efficiently, are all challenges airports face in their quest for success.

Additionally, given the dynamic nature of air traffic, a high degree of flexibility is a must for today's IT systems. Amadeus's solutions are designed to streamline information flows and enhance efficiency, productivity, and competitiveness.

### All the Information at Your Fingertips

Effective information management is already important, and will become even more critical as

airports compete for passengers and other revenue sources. The Amadeus Airport Operational Database (AODB) has set new standards in the development of airport management systems. As the centralized airport information system, the AODB fills many key roles:

### Central Database

As the central database or repository for all operational systems at the airport, the AODB provides all flight-related data accurately and efficiently in a real-time environment.

In performing its tasks, the AODB takes into account the different information needs of various users. For example, the system supplies specific information to airport personnel in various departments, the airlines, passengers, visitors, and authorities operating at the airport, such as Customs, Immigrations and police.

Data needs to be entered only once, either manually or automatically, eliminating the redundant data

entry typical of stand-alone solutions and ensuring the consistency and accuracy of the data.

## Integration and Communications Platform

Conceived and developed as the core of Amadeus' integrated information systems, the AODB operates optimally with our Flight Information Display System (FIDS), Resource Management System (RMS), Virtual Airfield Management System (VAMS), Extended Airline System Environment (EASE™), and PROPworks®, our property and revenue management solution.

Amadeus' AODB has been designed for expansion and integration into the airport's existing system architecture. It provides services for the collection and transmission of information, facilitating the connection to external applications (e.g. slot coordinators' systems, airline feeds, and baggage) and smooth operation of diverse communications services and protocols, such as SITA, CUTE or EDIFACT.

Consequently, airport personnel, relieved of repetitive tasks, can concentrate on essential tasks and operations resulting in an optimum service for all customers at the airport while minimizing staff input.

## Support of Flight Schedule Processing

The AODB Flight Schedule Processing module enables smooth processing of flight schedules and their

augmentation with all flight relevant information. AODB supports all scheduling and operational processes, ranging from the automatic transfer of the seasonal flight schedule data to the generation of daily flight schedules and the processing and provision of billing data. Significant emphasis has been placed on implementing plausibility checks to facilitate early identification and avoidance of operator errors.

### AODB at a Glance

- Integral component of the overall systems architecture, dispensing with stand-alone solutions
- Central database for warehousing of all relevant data
- Source of information for airport customers and business partners
- Helps maximize efficiency and increase productivity.

### Functions

- Reference data processing
- Seasonal Scheduling
- Daily Flight Schedule processing
- Billing data processing
- Taxi control (optional)

At Amadeus we are 14,000+ experts in 190+ countries, committed to advancing the world of travel. Our solutions help customers and partners:

- Connect to the travel ecosystem and grow revenues
- Manage operations efficiently and reduce costs
- Serve travellers better and increase loyalty

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