

Amadeus AODB

Powering the airport ecosystem with content-rich information



At the heart of every airport is data - thousands of pieces of information on flights, passengers, baggage and equipment - which determine how the airport ecosystem operates. Making this information accessible, manageable and meaningful to all stakeholders is a major challenge for airports today.

Amadeus AODB has revolutionised the airport landscape with an intelligent, multi-airport database application. With access to a goldmine of content-rich data, airports and ground handlers can achieve operational excellence and drive cost efficiencies.

Amadeus AODB gives airport players a unique resource: an intelligent repository to host, manage and disseminate complex flight-related information to improve critical decision-making across the airport environment.

Plan ahead with unique visibility

Collating flight schedule information from multiple sources is both costly and time consuming. However, consolidating this data is essential as flight schedules sit at the core of the AODB, underpinning all flight-related resource planning decisions and revenue-generating activities.

Amadeus AODB addresses this challenge by automatically providing and prioritising schedule intelligence. Our AODB application is unique in that it includes **95% of the world's flight schedules, 365 days in advance**, thanks to an automated information feed from the Amadeus Altéa suite, National slot coordinators, airline disposition systems and third party sources. Furthermore, Altéa is fully integrated into the Amadeus AODB and contains information on more than **120 airlines**, operating in **700 airports** and boarding a total of **700 million passengers per year**. All flight schedule information is obtained and maintained by Amadeus, removing the need for airports and ground handlers to manage costly, complex data interfaces and manual data maintenance tasks.

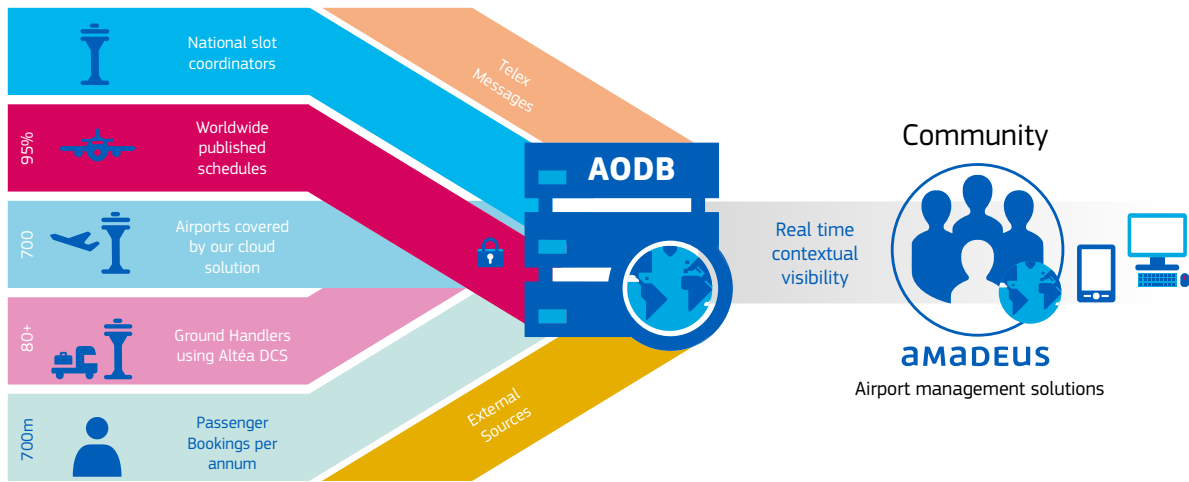
As well as providing full visibility on flight schedules, Amadeus AODB uses rich flight information to forecast accurate **passenger and baggage demand profiles**, enabling optimal planning of resources, far in advance.

Significantly improve on-time performance

Inaccurate or inadequate information on flight status will inevitably lead to poor decision-making and operational inefficiencies. This may be reflected in lost revenues, penalties, over/under resourcing, delays and disgruntled passengers.

The ultimate goal is to have an airport that runs smoothly, collecting accurate operational data in real-time and disseminating it to any impacted group, based on A-CDM principles. How is this achieved? With intelligent data that can be automatically pooled, stored and shared with all airport players, providing a common situational awareness of airport activity, at any given time.

By combining multi-source information from **Telex messages, Altéa Departure Control, AFTN - EUROCONTROL** and other third party systems, Amadeus AODB can provide full visibility on the complete flight turn-around cycle (arrival-ground-departure). With this level of data accuracy, airports and ground handlers can make more exact resource allocations, resulting in better slot adherence and increased punctuality.



Protect revenues

In the airport ecosystem, billing inaccuracies are commonplace when charge-related data is input from many different sources. Amadeus AODB captures billing information and holds it centrally, for use with other products such as Amadeus Airport Contract & Billing. Accurate invoicing and real-time tracking of services ensures revenue maximisation, prevents income leakage and enhances customer relations.

Save costs in the cloud

Amadeus AODB can be hosted directly in the cloud or alternatively in your customer's data centre.

The cloud-hosted Amadeus AODB is built on a community platform which reduces the complexity and cost of operational maintenance and deployment. Accessible on demand, from any web-enabled device, this solution is both flexible and scalable, whilst guaranteeing access controls with secure sign-on procedures. Since data is collected and consolidated in the cloud, integration efforts and interface maintenance are minimised. Airports no longer have to depend on costly local infrastructure; instead business continuity is instantly improved thanks to an 'always-available' cloud AODB solution.

Altéa integration brings a further cost benefit to the mix. Airport partners can agree to share specific information via the AODB. This removes the cost and reliance on third party messaging systems to transmit and process information via the AODB and improves collaboration amongst Altéa partners.

When scaled up to a multi-airport/multi-station environment, these cost savings are further amplified.

Product key features

Enhanced management of flight schedules, pre-operations and operations:

- _ Flexible and intuitive user interface
- _ Automatic turnaround building

Integration with the airport IT product suite:

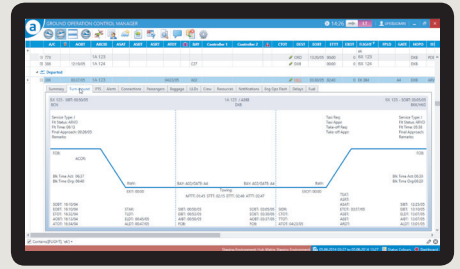
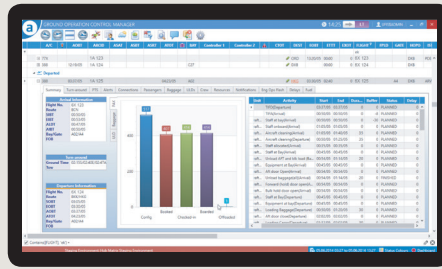
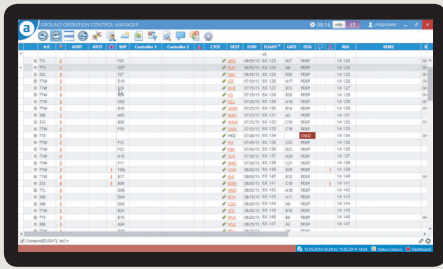
- _ Smooth data interaction with other modules of Amadeus' airport management suite, such as Amadeus Airport Resource Management, Amadeus Airport FIDS & Amadeus Airport Contract & Billing

Automated data acquisition, consolidation and maintenance managed by Amadeus:

- _ Multi-source: e.g. Altéa, Eurocontrol, National slot coordinators, third party systems
- _ Available 365 days in advance
- _ Always up-to-date

Advanced reporting features:

- _ Powerful, in-depth insight on operational activity



Functionality-rich user interface to help you manage your flights during the whole flight cycle

Key benefits for airports

- **Obtain a long-term view** of your airport operations up to 365 days in advance with access to accurate data
- **Reduce IT costs significantly** with easy integration and interface maintenance, while benefiting from a resilient, community model accessible anywhere, on-demand, thanks to a cloud-based solution
- **Improve efficiency** on flight schedules & turnaround cycle and make your **airport A-CDM compliant** with better predictability of operations and tighter coordination between airport partners
- **Increase visibility** for planning and operations, including accurate schedule information and passenger forecasts

Key benefits for ground handlers

- **Access real-time, accurate passenger and flight data** thanks to full integration with Altéa Departure Control; **remove the need to update data manually**, thanks to fully automated data consolidation and maintenance
- **Realise cost savings** thanks to more efficient operations and data-sharing capabilities
- **Obtain multi-station view**, providing individual and consolidated information for all managed stations
- **Achieve focused turnaround management** with accurate information on all relevant milestones and **improve schedule management** with automated schedule population and turnaround planning

Amadeus Credentials

95%

of world's
flight schedules

700+

airports with
Altéa Departure Control
presence

80+

ground handlers using Altéa
Departure Control in
multi-airport environment

700

MILLION passengers
boarded in 2014

Why Amadeus?

- **Content-rich data repository** containing schedule, demand and operational information up to 365 days in advance
- Option to **move operations to the cloud**, resulting in reduced IT maintenance costs and environmental footprint, as well as easy integration and multi-airport deployment
- Benefit from a **unique community platform**

CONTACT US TODAY

e

airport@amadeus.com
ground.handlers@amadeus.com

w

amadeus.com/airport
amadeus.com/groundhandlers

amadeus