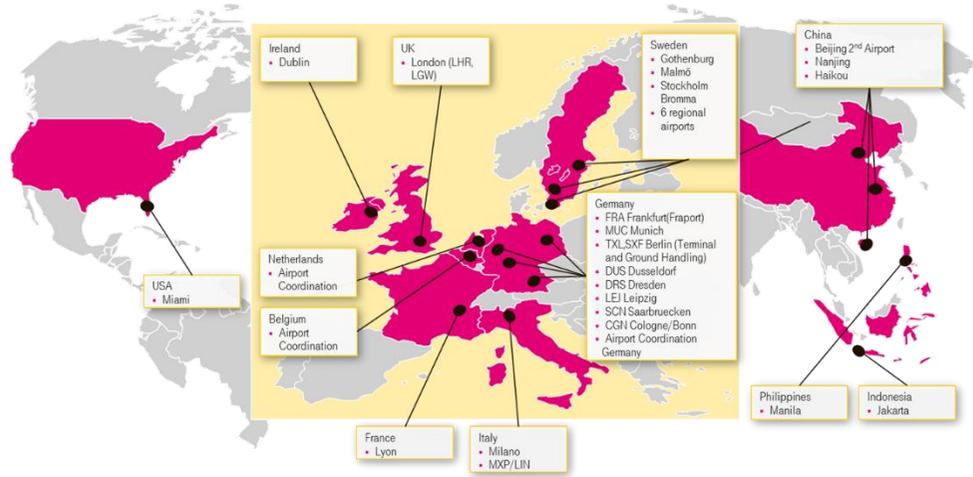## Our customers.

A reliable partner with a long-proven track record.

T-Systems is more than just a service provider.
We are your partner for all of your ICT-related needs.
We combine extensive experience, industry-specific expertise and cutting-edge technology
to optimize your processes, helping you reap tangible benefits in all areas of your business.

We currently serve a wide range of airlines, airports and ground handling companies around the globe –
from airport resource and flight data management, slot coordination to ground handling.

What can we do for you?

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AIRPORT OPERATIONAL DATA BASE BY T-SYSTEMS

Aviation is changing fast. Today's successful companies need to optimize processes and improve service quality while minimizing effort and expense. Streamlining the management of IT infrastructure and business processes can rapidly enhance efficiency. That is where sophisticated ICT solutions come in.
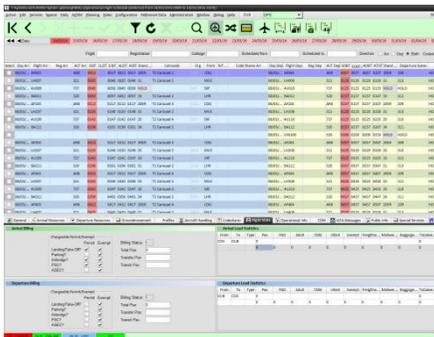
AVIATION SOLUTION PORTFOLIO

RMS Resource Management System for Airport Resources	**AODB** Airport Operational Database	**GHAMS** Ground Handling Management System
A-CDM Broker Solution for Airport Collaborative Decision Making	**AMB** Advance Message Broker	**CAT** Check-In Allocation System
PPC Passenger Processing Control	**FIDS** Flight Information Display System	**BCIS** Baggage Claim Control & Information System
AVD Aerial View Display	**BI** Aviation Business Intelligence	**BHS** Baggage High Level Control System
SAMS Slot allocation and management system	**CORE MODULES**	**ASIMSplus** Advanced IATA Messaging System

T-Systems' AODB - the Centerpiece of a Set of Proven Aviation Solutions Implemented throughout the World.

T-Systems' AODB - the Comprehensive Solution for Airport Operation.

T-Systems' AODB offers you:

➢ A **comprehensive and proven** system to support airport operations and operation planning.

➢ Full **CDM readiness** to cope with upcoming challenges

➢ Automatic processing of information **from various sources** (incl. IATA messages) in real-time

➢ Reduced load on operational staff through **automatic, rule-based data processing**.

➢ Easy **configuration options** to support your operational processes in the most advantageous way without purchasing costly upgrades

➢ **Seamless integration** with airport products including systems delivered by third party vendors.

➢ **The best-fitting service package** – from a standard configuration running in the T-Systems cloud to an individually customized system running on your own premises.
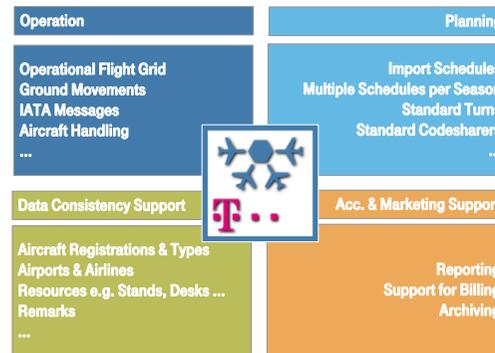

What is T-Systems' AODB?

T-Systems' AODB is designed to be the reliable core of your airport operation systems. It comprises a rich set of configurable business options and supports airport operation all the way from planning to billing.

Data delivered from all connected systems is automatically processed and stored to minimize manual interaction. Airport staff can concentrate on monitoring and keep their eyes on the situation at the airport.

An easy-to-handle yet sophisticated user interface allows for smart administration and processing of flight data. Audit trails reflect all data changes.

T-Systems' AODB encompasses all processes of airport operation from first planning activities on a seasonal scale to supply of verified operation data for your billing system. The solution is either hosted at your premises or alternatively by T-Systems in a SaaS (Software as a Service) scheme.

Expandability

The AODB integrates seamlessly with all other modules like **RMS, FIDS, GHAMS, Analytics and AOE**. **T-Systems AOE module** provides a web interface to the flight grid, online KPI analysis and an aerial view display of the RAMP area.

Components of T-Systems' AODB

Operation - Information delivered from all over the airport flows into the AODB triggering the rule-based business logic for automatic information processing. The data to support the A-CDM process is included, too, as well as all computations for the A-CDM process and interfaces e.g. to an external sequencer Thus, T-System' AODB is fully A-CDM enabled.

In the user interface, powerful convenience functions enable easy and efficient processing of data. The focus on the data to be processed is provided by useful search and filtering functions including query-by-example. The user interface can easily be adapted to the specific needs of each user by designing private and public configurations and by assigning authorizations and functions to user groups by the means of a powerful user administration function.
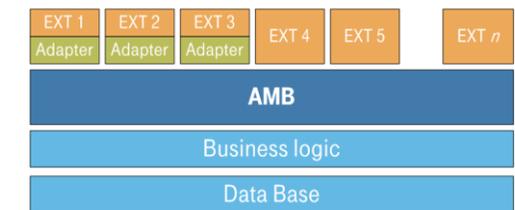

Message Processing – IATA messages e.g. MVT, LDM, PTM, PAL deliver essential flight information like estimates, load details, passenger lists etc. T-Systems' AODB comprises its ASIMS*plus* module that extracts the information automatically from IATA messages and assigns it to the respective flights. Messages with typos or syntactical flaws can be corrected in a clearing screen and are then automatically reprocessed.

Planning - Schedule files supplied by various sources can easily be imported into the system. Sophisticated functions and administrative options support the fine-tuning of the seasonal schedules. As an optional feature, an interface to automatically process SSM and SSIM data is provided. The option includes a practical screen to compare the data that came from different sources (flight coordination agency, airlines etc).

Data Consistency Support – The correctness of accounting and the validity of resource planning and demand calculations all rely on the accuracy and comprehensiveness of the available reference data. T-Systems' AODB therefore provides a wide-ranging set of screens and functions for the administration of reference data.

Accounting & Marketing – T-Systems' AODB comes equipped with a set of useful reports, amongst others an Airline Summary report, Delays and Punctuality and Load factors.

Advanced Message Broker Based on standard technologies for B2B communication such as XML and queuing functions, the Advanced Message Broker (AMB) included in the AODB provides a powerful adapter platform for the exchange of data. The AMB employs the same business logic as all other system components so that data consistency is always maintained. Optionally, third party message-oriented middleware can easily be integrated to make up the best fitting solution.

Safeguarded investment

T-Systems' airport products employ state-of-the-art technologies; long term support and expandability guarantee a long lifecycle and thus save your investment. T-Systems' AODB provides you the know-how and security of a manufacturer with more than 30 years of experience in the airport business.