

# IBM Administrative Airport Solution

*The tailor made mySAP add-on for Airports clears the runway for easy finance management*



## Highlights

- **Automated invoicing of aeronautical charges and ground handling services**
- **Efficient contract management**
- **Powerful airport controlling**
- **Standardized mySAP add-on, fully integrated with standard functionality**
- **Based on IBM Airport Process Model**

## mySAP Tailored for Airports

With the development of an airport specific mySAP add-on, IBM strives for delivering a standard software solution, which is highly integrated with SAP modules SD, CO, FI as well as BI using a broad variety of SAP Enterprise standard functionality. Especially through the integration with modules CO (CO-PA profitability analysis) the solution aims for being more than just a billing engine, delivering consistent, valuable information for airport management and decision clarity.

The solution has been designed according to the IBM Airport Business Process Model and the IBM Airport Controlling Concept, a clear line of sight from an airport's organizational processes to its business strategy and technological response, an 'enterprise-optimized' model to build competence and drive out inefficiencies.

## Efficient Functions for Aviation ...

IBM's Administrative Airport Solution has a modular structure with two modules, 'Aviation' for aeronautical invoicing and 'Ground Handling' for ground services management.

Main features of the module Aviation are:

- *Automated data-import from AODB (airport operational data-base) and data-processing to generate a flight incident*
- *Utilization of airport specific master data, e.g. aircraft-registration, aircraft-type, destinations, position, gate, terminal, baggage belt, etc.*
- *Determination and calculation of different fee types, e.g. landing, take-off, passengers, parking, hangar, infrastructure, etc.*
- *Determination of one or more invoice receiver (invoice splitting)*
- *Invoicing of automatically generated differences to the original invoice due to data-changes, e.g. aircraft master data, passenger data, etc.*
- *Automatically and manually processing of flight movements*
- *Cash payment process for General Aviation including automatic price calculation, credit card handling, cash account*

### ... and Ground Handling

The module 'Ground Handling' uses the same import functionality as the module 'Aviation', but could also be run separately (e.g. for Ground Service Provider).

It includes a proven and powerful contract management functionality, which determines the right contract to each flight movement (inbound and out-bound).

Other features are:

- *Interface to mobile devices (information of ramp-staff about contract related services)*
- *Invoicing of ground handling services based on contracts / service packages*
- *Determination of handling contracts related to aircraft movement characteristics like aircraft type, routing, apron position, etc.*
- *Data-import related to special services (by interface, mobile device or manually), processing and invoicing*

### A Powerful Controlling Tool

Based on IBM's Airport Controlling Concept, our mySAP add-on creates a basis for a powerful airport controlling within the SAP environment.

Besides flight statistics, the definition and monitoring of Key Performance Indicators (KPI) allows an airport to measure progress toward organizational goals.

### Everything from One Source

IBM Business Consulting Services delivers the whole range of services from implementation to support and release management.

### The Environment Required

IBM's Administrative Airport Solution combines an extensive SAP experience with broad industry knowledge.

The solution runs on mySAP Enterprise and is developed completely in SAP platform using ABAP Objects. It is mostly table-driven with airport-specific-tables and customization is similar to the regular mySAP customizing process.

### Why IBM?

IBM, the world's largest technology company, with more than 300 000 employees globally, is one of the biggest suppliers of Information Technology to the air transport industry. IBM has been working with the air transport industry for more than 40 years. With consultants and professional staff in more than 160 countries, IBM Business Consulting Services is the world's largest consulting services organization, providing clients with business process and industry expertise, and the ability to translate that expertise into integrated, adaptive, on demand business solutions and services that deliver bottom-line business value.



This airport specific solution is developed in co-operation with Airt IT Systems Hannover GmbH.

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