AMADEUS

Amadeus BMRS

Fast And Efficient Baggage Handling

Airport Advertising

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As passenger volumes continue to grow at record rates, optimizing the passenger handling process is essential to the efficient operation of any airport. Baggage handling is one of the most critical elements of the overall passenger handling process. Only highly reliable and efficient control of the baggage flow will minimize transfer times and ensure that check-in resources are utilized most effectively.

The Solution

In cooperation with major baggage handling system providers, Amadeus has developed our Baggage Management and Reconciliation System (BMRS). The Amadeus BMRS represents the state of the art solution for optimal trouble-free operation of baggage handling systems.

Baggage Service Messages

Baggage Service Messages, as defined by IATA, are

supported and accepted from all airlines. Concise reports are available for analyzing the baggage volume and retrieving detailed information about services such as last minute check-In or processing of oversized bags.

Screening

The Amadeus BMRS records all stages of the screening process. Based on specific timestamps, delays of individual bags can be fully analyzed. Additionally, to expedite manual examinations, passenger data can be provided to the screening personnel.

Sortation

Fast, efficient sortation is at the heart of every baggage handling system. The Amadeus BMRS relies on a redundant computer system and has been designed to provide a high performing environment while minimizing downtime. For each piece of baggage, the Amadeus BMRS determines and controls the path and handling from check-

in to the baggage makeup area, ensuring the optimal use of every system resource.

The Amadeus BMRS achieves maximum throughput for no- read stations through seamless integration. Operating personnel are supported by concise reports and messages about unusual events.

Planning

The Amadeus BMRS allows for detailed near-term and long-term planning of all flights based upon current and historical data retrieved on-line from the airport operational database (AODB). With the aid of highly intuitive Gantt charts, simple operation of the BMRS is supported by constraint verification and conflict warnings.

One or more make-up areas are assigned to each outbound flight, taking into account various criteria such as connecting flights and cabin classes.

Advance baggage storage may be assigned to specific departure time windows or to particular flights. Destinations are automatically opened and closed at specified times and additional destinations may be defined for urgent bags. Baggage in the advance bag storage is completely managed by BMRS and automatically conveyed to the make-up area on time.

The BMRS achieves maximum throughput for no-read stations through seamless integration. Operating personnel are supported by concise reports and useful messages about unusual events.

Baggage Reconciliation

Enhanced airport security has created the demand to ensure that only properly accompanied baggage is loaded. Ensuring this requires comprehensive baggage tracking in every baggage handling system through the use of full registration and management of luggage tugs and containers.

Additional Functionality

Wireless communication and the inclusion of passenger boarding data are some of the additional options that can be included in the Amadeus BMRS.

The Amadeus BMS has been designed to support the highest safety standards and to accommodate many diverse technologies. Its unmatched flexibility and reliability make the Amadeus BMRS a secure investment for every airport.

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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