

NEW

Baggage Reconciliation and Tracking System

A complete solution for baggage reconciliation

Enhanced baggage tracking and reconciliation

Flight	Year	Carrier	Class	Status	Passenger	Location	Transfer	Offload
AF 101	2010	AF	Y	OK	1	0	0	0
AF 102	2010	AF	Y	OK	1	0	0	0
AF 103	2010	AF	Y	OK	1	0	0	0
AF 104	2010	AF	Y	OK	1	0	0	0
AF 105	2010	AF	Y	OK	1	0	0	0
AF 106	2010	AF	Y	OK	1	0	0	0
AF 107	2010	AF	Y	OK	1	0	0	0
AF 108	2010	AF	Y	OK	1	0	0	0
AF 109	2010	AF	Y	OK	1	0	0	0
AF 110	2010	AF	Y	OK	1	0	0	0

Baggage reconciliation and tracking are key elements in airport management in terms of security, rapidity and better service for airlines and airports.

BAGERA is a comprehensive reconciliation and tracking system, based on the latest technologies and designed to match each checked-in and transit bag with the corresponding flight and passenger. It provides reliable information about where a bag is located at all times, from check-in to loading, and whether it is matched with a boarded passenger or not.

BAGERA follows ICAO Annex 17 and is fully compliant with IATA recommendation 1745 and 1800.

Baggage information management

BAGERA retrieves baggage and passenger information from all airline DCS systems. It matches IATA bag messages with the flight information received from the Airport Operational Database (INFOPAX or any other system) and then tracks the bag all along the way from check-in, to bag belts, through to ULDs and the loading point.

At all times, BAGERA can send bag messages back to the airlines (tracking and manifests). The system can also track bags of arrival flights.

Easy and secure reconciliation

Hand-held terminals

Using rugged mobile bar-code scanners, baggage handlers have access to real-time information that helps them assign ULDs to flights, locate bags, load or offload ULDs, etc. In addition, baggage handlers can create rush bags without receiving bag messages from the airlines. They can also work in disconnected mode (for distant parking stands).



Workstations

BAGERA workstations enable supervisory staff (loadmasters, etc.) to assign ULDs to flights, monitor the bag loading progress, authorize rush bags, cancel bags, reprint a damaged bag tag and generally perform all baggage tracking and reconciliation operations. BAGERA client workstations can also print bag manifests at any time.

All the information needed to operate the BRS is contained on one main screen.

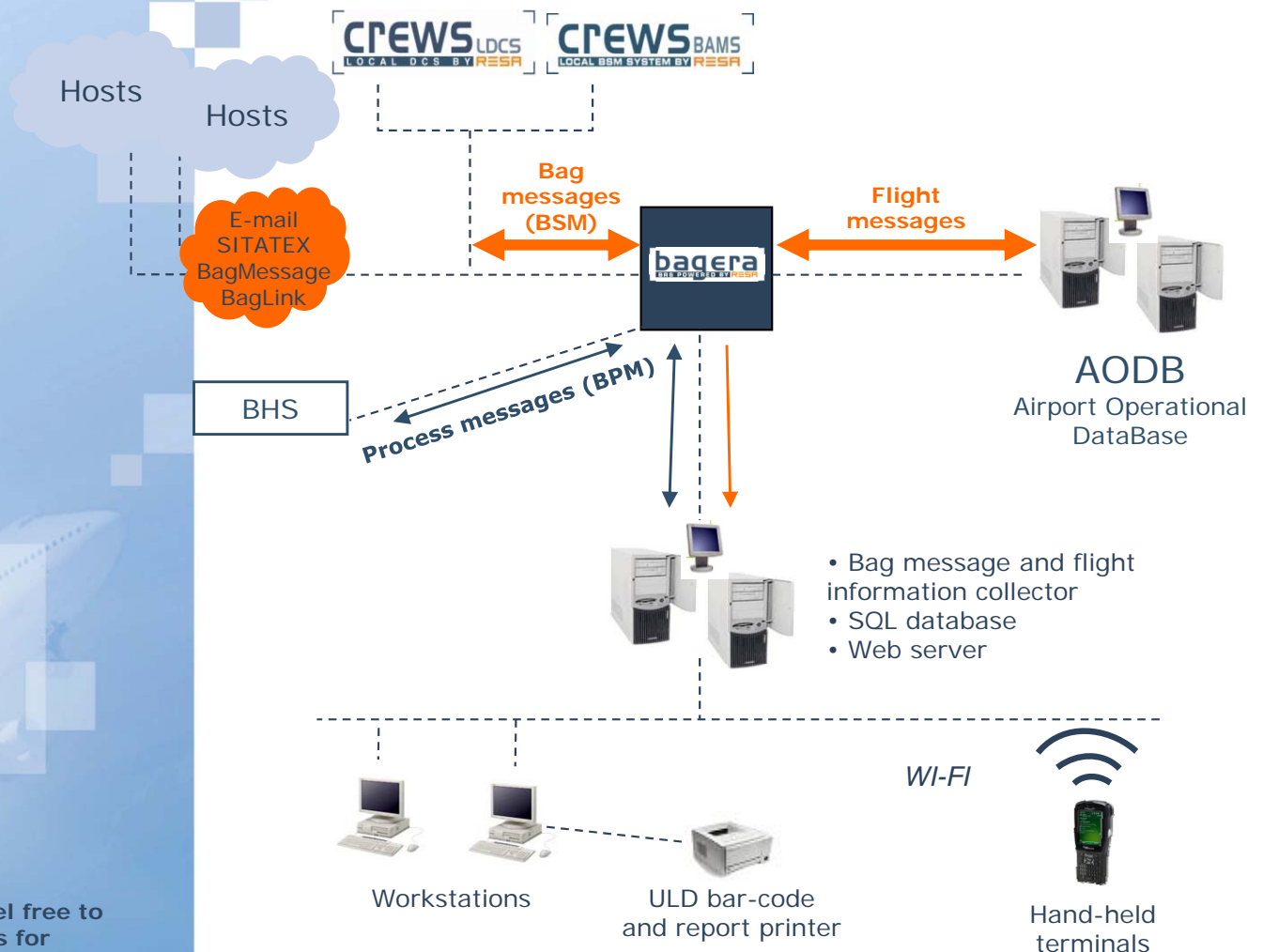
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Functional architecture

BAGERA is composed of various modules:

- ≡ interfacing and reception module, consisting of applicative connectors that receive baggage messages (BSM, BUM, etc.) from airlines as well as flight information from the AODB,
- ≡ relational database server that matches baggage information with passenger data,
- ≡ web server that distributes information to client stations (PDAs, workstations).



Please feel free to contact us for detailed documentation about BAGERA.