

# **BRS - Baggage Reconciliation System**

**Edge Airport France**



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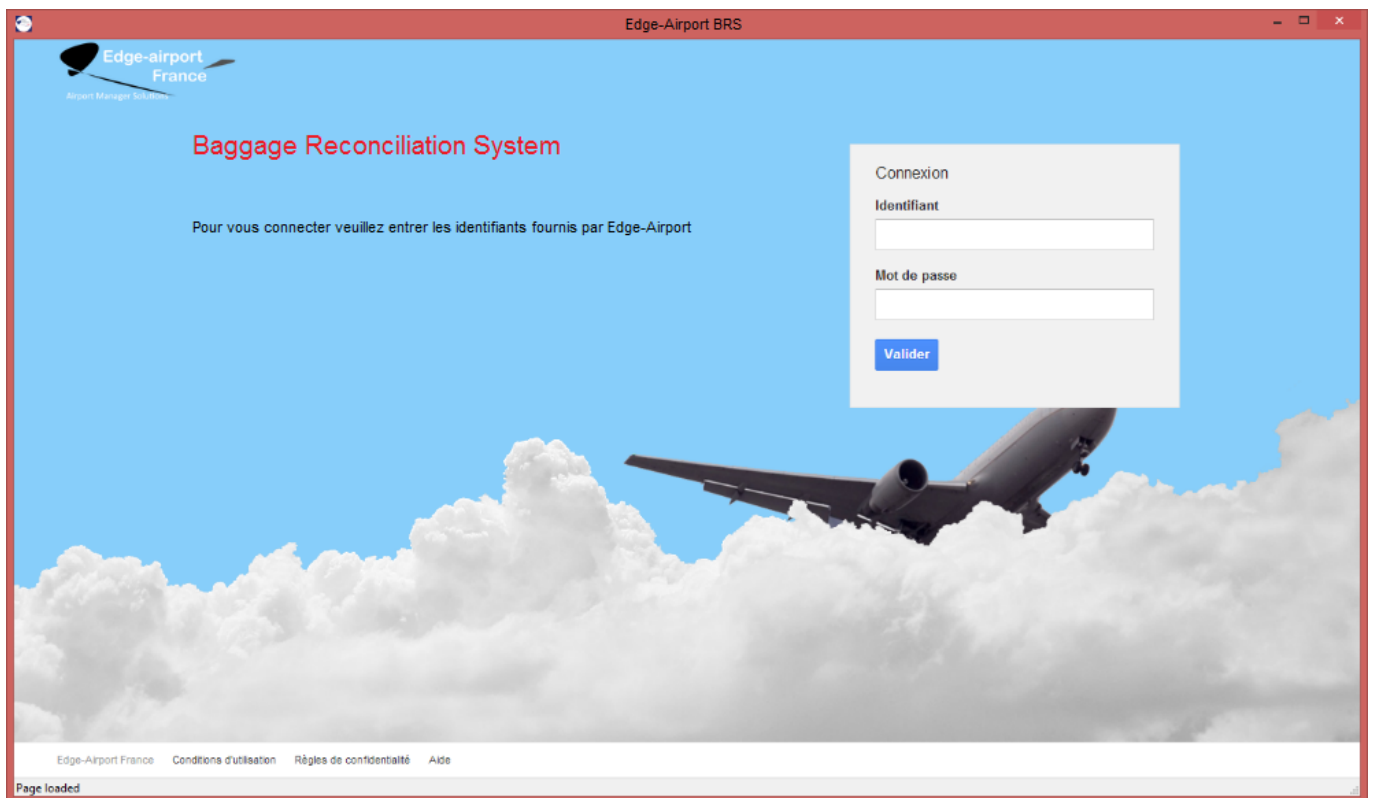
# BRS - Baggage Reconciliation System

## BRS - Baggage Reconciliation System



BRS (Baggage Reconciliation System) is a complete system of reconciliation and baggage tracking. It enables a better service to airlines and airports by improving the safety, speed and traceability of luggage.

Based on the latest technologies, it allows to trace each checked or in -transit baggage, with a corresponding flight and passenger.

The screenshot shows a web browser window titled "Edge-Airport BRS". The page has a blue header with the "Edge-airport France" logo and "Airport Manager Solutions" text. The main content area has a light blue background with a large image of an airplane flying through white clouds. The title "Baggage Reconciliation System" is displayed in red. Below it, a message in French says "Pour vous connecter veuillez entrer les identifiants fournis par Edge-Airport". On the right side, there is a login form titled "Connexion" with fields for "Identifiant" and "Mot de passe", and a blue "Valider" button. At the bottom of the page, there is a footer with links: "Edge-Airport France", "Conditions d'utilisation", "Règles de confidentialité", and "Aide". The status bar at the very bottom shows "Page loaded".

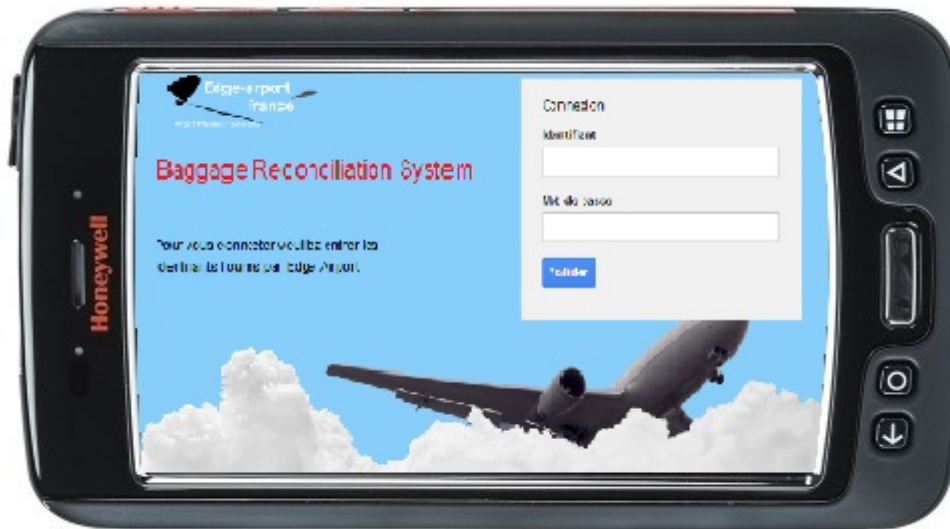
## Baggage information management

BRS allows the retrieval of baggage and passenger information for any airline which sends baggage messages (IATA standard). It ensures the correspondence between baggage and flight information received by AODB and allows the baggage tracing throughout its journey. BRS can send baggage messages to airlines at any time (tracking and manifest).

## Mobile terminal

Through the use of mobile terminals with bar code scanners, baggage handlers have access to real-time information and provide assistance in locating baggage, loading and unloading containers (ULD, Unit Load Device), etc.

They can also work in offline mode (for distant parking spaces).



## Workstation

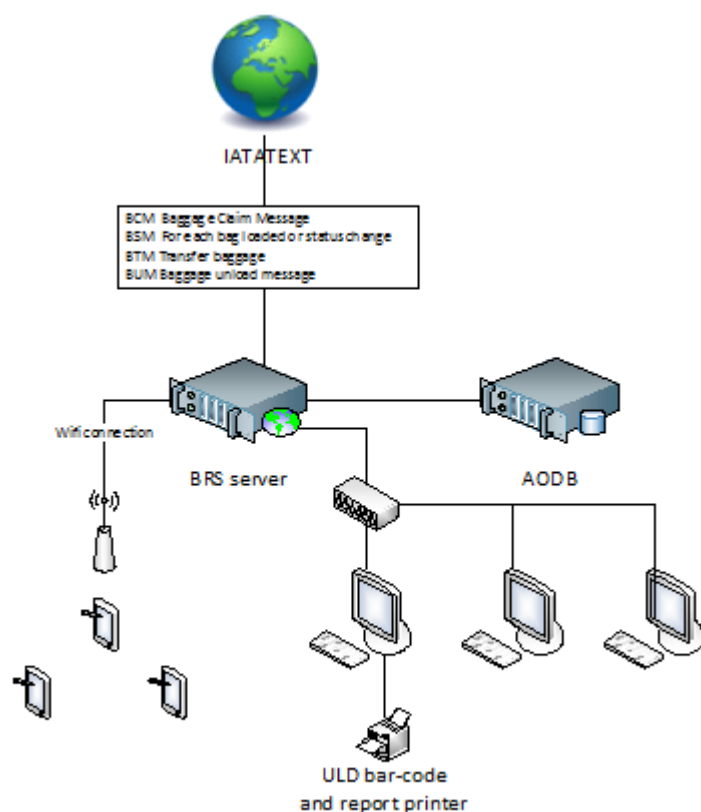
BRS workstation allows supervisors to assign a container, to monitor the progress of baggage loading, baggage cancellation, reprint damaged baggage tag and perform follow-up operations and reconciliation of luggage. They can also print baggage manifest at any time.

## Functional Architecture

The BRS is composed of different modules :

1. an IATATEXT interface, to receive and send baggage messages :
  1. BCM Baggage Claim Message,
  2. BSM Baggage Status Message,
  3. BTM Baggage Transfer Message,
  4. BUM Baggage Unload Message;
2. an AODB interface, for coupling the baggage messages with the flight information;
3. a database server that links the baggage information with the passenger data.

A web server that distributes information to client stations (PDAs, workstations, displays ...).



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