



# MANAGEMENT INFORMATION BIG DATA ANALYSIS

In a world of 'big data', baggage handling systems (BHS) act as comprehensive data providers. With appropriate management, this data can be the key for optimisation, now and into the future.

## DATA CAPTURE & MANAGEMENT

By tracking and logging the movement of each item of baggage and each event, the BHS captures real-time data which can be used to manage and analyse the BHS performance.

The combination of real-time and historical data provides the basis for optimising future performance.

## FEATURES

- > Intuitive user interface
- > Standard and user-defined reports
- > Trend curves
- > KPIs
- > Dashboard
- > Access to data via standard interfaces
- > Analyser Tool.

## BENEFITS

- > Improves planning
- > Optimises business processes
- > Improves workflow and productivity
- > Minimises bottlenecks.

The BEUMER Group Management Information System (MIS) collates data from the BHS for 50 predefined report types in addition to additional user-defined reports.

The range of standard MIS reports may include:

- Bag track-and-trace
- BHS day end
- Handler day end
- Airline day end
- Transfer bag monitoring

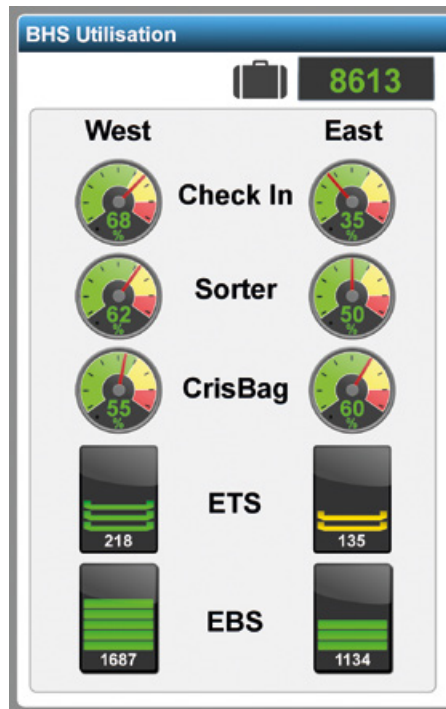
#### ACCESS TO DATA

By allowing historical data to be accessed through standard interfaces, the BEUMER Group MIS enables airports to integrate the BHS data into big data sets for further analysis and action. As part of a big data environment, BEUMER Group's MIS can help to improve the overall efficiency and productivity of an airport.

#### EASY AND INTUITIVE USER INTERFACE

Capturing the data is the first step to analysing the vast amounts of information. For optimum use, the MIS provides an intuitive user interface to facilitate a better understanding and interpretation of the data capture.

The Management Information System features configurable dashboards and provides real-time and historical overviews of system performance in addition to tools for optimisation and planning.



Flight	STD	Green Bag	Blue Bag	Red Bag
SK331	14:33	365	8	3
KE119	14:34	409	16	0
BA1298	14:36	269	56	4
KE798	14:40	149	198	1
AA976	14:40	217	56	1
7C093	14:45	16	90	3
ZE612	14:48	97	22	0
JA961	14:50	76	131	0
LH186	14:55	56	297	0
KE087	15:01	0	329	0

The user interface allows each operator to activate a selection of widgets, such as KPI indicators, to personalise their desktop for their own role and preferences. This ensures more streamlined access to all BHS data without the need to log-in and -out of different systems.

Whilst users have the flexibility to include their own choice of widgets, supervisors can lock must-have widgets to the desktops of all team members.



Management information