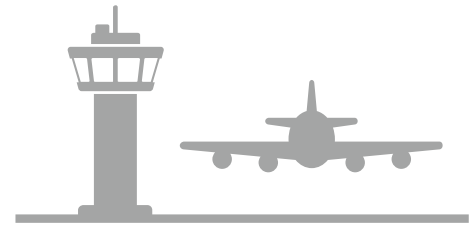




PSlairport

Integrated baggage handling processes

PSI 



PSIairport

Optimal process flows thanks to integrated networking

Constant increase in passenger numbers, limited room for expansion, and rising demands with regard to availability and service quality, require intelligent systems to optimise process flows and make existing procedures and systems more efficient. Continuous mapping of all relevant data also plays a central role. This can be done across all hierarchy levels through the use of integrated IT systems.

Solutions for passenger and baggage handling have been the main focus of our airport systems for many years. We provide comprehensive system, network and complete solutions to airports, airlines and ground handlers – from planning to service:

- Analysis and consultancy
- Implementation and customer-specific modifications
- Delivery of hardware and network solutions
- Staff training
- 24/7 service

We offer our PSIairport solution for easy and transparent linking of all airport systems. This can be used to flexibly configure interfaces, integrate new systems, and distribute information with filtering and control.

The success of our solutions is reflected in our long-standing customer relationships and long-term partnerships. 7 out of 16 international airports in Germany rely on solutions by the Business Unit Logistics. From the beginning of the project we work closely with customers and partners to guarantee maximum practicality.

By using our custom software solutions, PSIairport customers are able to tap their full potential in day-to-day operations. Decreased operating costs, increased transparency and smoothly linking all systems make the baggage-handling process more efficient.

Benefits

- + Mapping of all relevant data across several hierarchy levels
- + High availability and fail-safety thanks to system checks and monitoring
- + Operational cost savings
- + Secure and transparent baggage handling
- + Process optimisation and increased efficiency
- + Advance planning
- + Individual, integrated concepts according to requirements – from check-in to baggage loading

PSIairport range of services

We supply the full range of IT-controlled and IT-connected components for airport baggage logistics.

PSIairport/BHS



Baggage Handling System

- + Supports emergency operation strategies
- + Automatic planning tools
- + Early baggage storage management
- + Integration of CCTV systems
- + Customisable statistics on the complete baggage flow
- + Comprehensive monitoring tool
- + Mobile extension

PSIairport/BRS



Baggage Reconciliation System

- + Automatic recording of incoming and outgoing containers (container management)
- + Mobile solution with Mobile Data Terminals (MDT)
- + Monitoring with reports and statistical analyses
- + Transport history tracking
- + Also available as a cloud solution – offering quick and efficient use

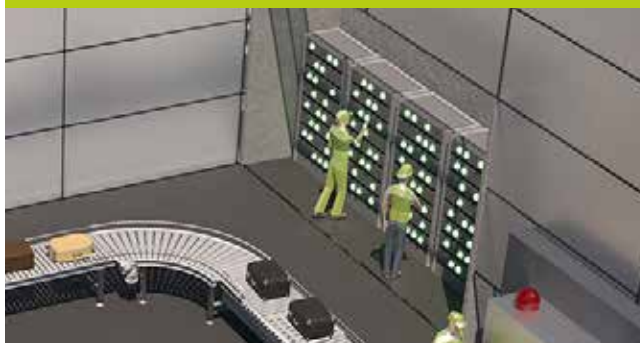
PSIairport/CCTV



Video monitoring

- + Real-time baggage classification from check-in to the aircraft
- + Combination of video surveillance and documentation with AI methods
- + Targeted analysis of camera images per piece of luggage
- + Real-time localization of baggage or any type of carrier, box or package

PSIairport/IT



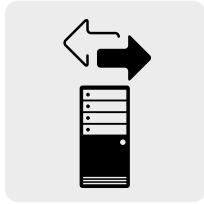
Infrastructure and services

- + Delivery of server systems specially tailored to airport requirements
- + Planning and installation of networks (copper, fibre optics, WiFi and site-to-site VPN)
- + Delivery of IT equipment (hand-held scanner, work stations, displays, etc.)
- + Planning and installation of camera systems as well as of sorting displays (FNA) and 24/7 support

Central computer system exchange

We adapt the PSI master computer system for the baggage handling system and ensure that it works in line with current standards.

Taking over existing functions



The use of our tried-and-tested PSI communications gateway enables us to fully control the flow of telegrams in your existing systems.

1st step:

Analysis and quick reproduction of previous telegram traffic

2nd step:

Complete or partial operating of the existing systems by a new PSI central computer system

Converting the existing systems



Depending on how far conversion has progressed, new functions and interfaces can be integrated into the PSI central computer system, also with the aid of the communications gateway.

This enables the permanent availability of the central computer system level, which very flexibly brings together existing and new elements to create a luggage sorting system that is constantly functional.



Köln Bonn Airport

rostock
airport
the baltic port



ALBRECHT DÜRER
AIRPORT NÜRNBERG

BER FLUGHAFEN
BERLIN
BRANDENBURG



STUTTGART
AIRPORT



Hamburg Airport



Hannover
Airport

Success factors for your project

Features

Comprehensive project expertise

- + Successful implementation of greenfield and brownfield projects in collaboration with our partners.

Maximum flexibility

- + Based on established standards, we are able to adapt our solutions to meet customers' individual needs and preferences at any time.

Future-proof technology

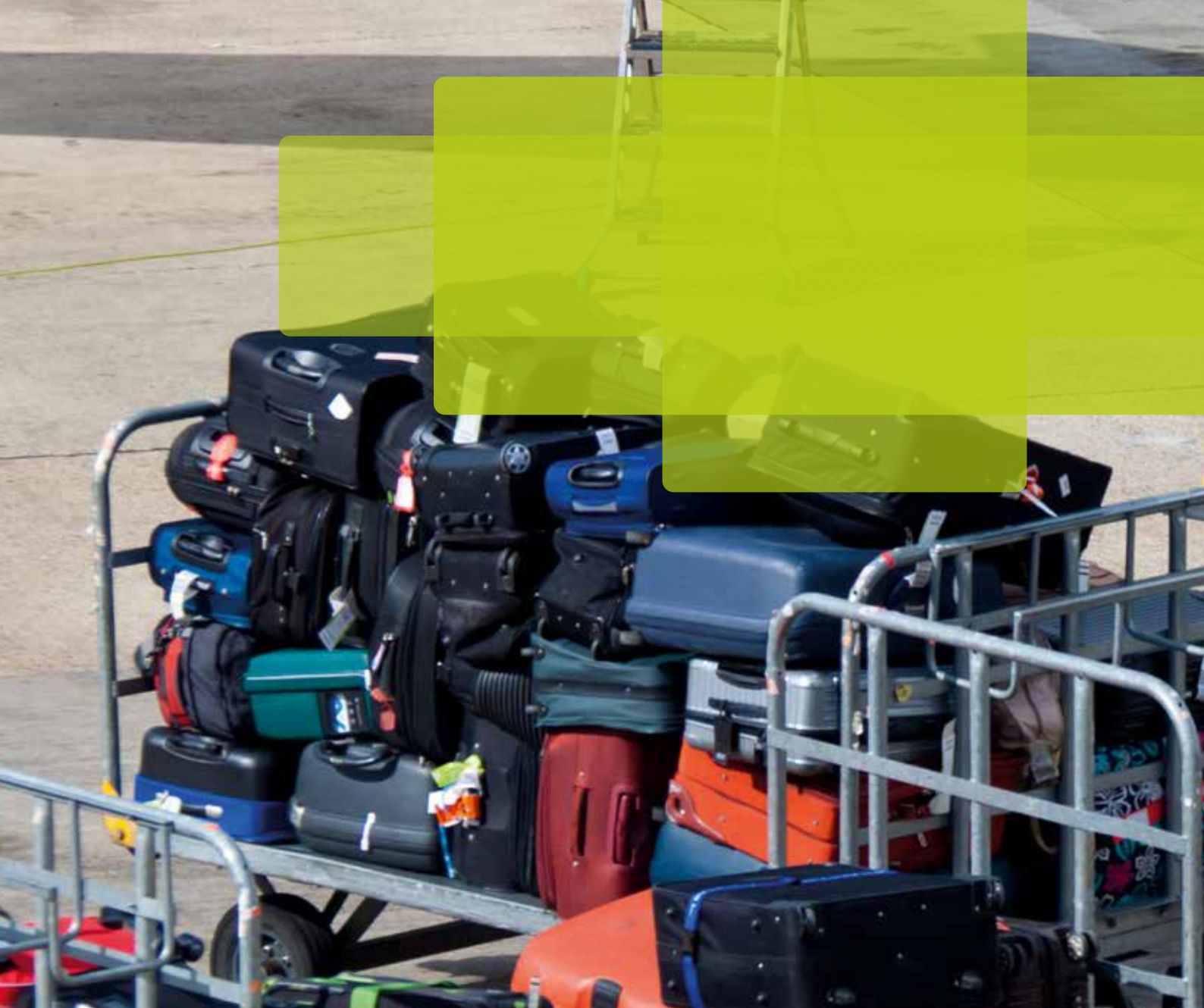
- + Due to a consistent focus on the market and constant further development, our products are always state-of-the-art and guarantee that your logistics processes will be future-proof.

Optimal service

- + Needless to say, we won't abandon you once the project is finished. We offer a 24/7 hotline, system monitoring, periodic health checks, warranty management, spare parts supply, and CarePack management.

Our partner network includes:





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