

PSIairport

Software for passenger and baggage handling



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1. Benefits and goals: What you can achieve with us

PSlairport ensures efficient, service-optimized, and sustainable processes in passenger and baggage handling.

The steady increase in passenger numbers, limited capacity for expansion, and rising demands for availability and service quality require intelligent systems that optimize process flows and enhance the efficiency of existing procedures and systems. Equally important is the continuous mapping of all relevant data which can be achieved across all hierarchy levels through the use of integrated IT systems.

Solutions for passenger and baggage handling have been at the core of our airport systems for many years. We offer 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 PSlairport for easy and transparent integration of all airport systems. The solution can be used to flexibly

configure interfaces, integrate new systems, and distribute information with filtering and control.

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

By using our custom software solutions, PSlairport customers are able to tap their full potential in day-to-day operations. Reduced operating costs, increased transparency, and the seamless integration of all systems make the baggage-handling process more efficient.

Benefits:

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



Transparent data. Efficient processes. Better decisions.
PSlairport

2. Modular solutions: Tailored to your baggage logistics

Start with a specific project and discover the PSlairport modules for transparent and efficient passenger and baggage processes.

Our **baggage handling system, PSlairport/BHS**, optimizes airport baggage flow while fully integrating the relevant airlines, airports and ground handlers.

Our **baggage reconciliation system, PSlairport/BRS**, ensures that no baggage is loaded onto an aircraft without its passenger.

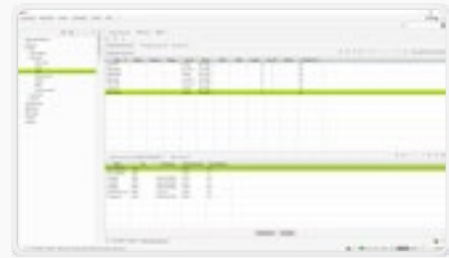
PSlairport/BHS



Baggage Handling System

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

PSlairport/BRS



Baggage Reconciliation System

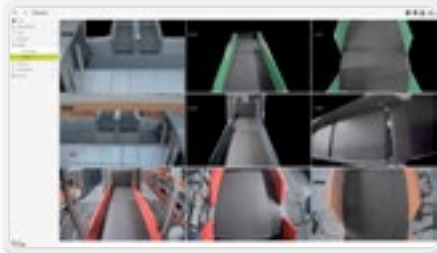
- ✔ Automatic recording of incoming and outgoing containers (container management)
- ✔ Mobile solution with Mobile Data Terminals (MDT)
- ✔ Monitoring with reports and statistical analyses
- ✔ Transport history tracking
- ✔ Also available as a cloud solution – offering quick and efficient use

2. Modular solutions: Tailored to your baggage logistics

CCTV combines high-resolution video tracking and documentation with AI-based object detection and classification. This solution provides a complete real time localization system using video supervision to track baggage, carriers, boxes, or parcels in a sorting center.

Our **infrastructure packages and services**, designed to meet the specific requirements of airports, ensure that your operations run smoothly.

PSlairport/CCTV



Video monitoring

- ✔ Real-time baggage classification from check-in to aircraft
- ✔ Combination of video surveillance and documentation with AI-based methods
- ✔ Targeted analysis of camera images for each piece of luggage
- ✔ Real-time localization of baggage, carriers, boxes or packages

PSlairport/IT



Infrastructure and services

- ✔ Delivery of server systems specially tailored to airport requirements
- ✔ Planning and installation of networks (copper, fiber optics, Wi-Fi, 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

3. Central computer system exchange

We customize the PSI central computer system for the baggage handling system and ensure it operates in line with current standards.

Takeover of existing functions



By using our proven PSI communication gateway, we can fully control the telegram flow of the existing system.

Step 1:
Analysis and rapid replication of the existing telegram traffic.

Step 2:
Full or partial operation of the existing system using a new PSI master computer.

Conversion of the existing plant



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

This ensures the permanent availability of the central system, flexibly combining existing and new elements to create a luggage sorting system that is fully functional at all times.

Our partner network includes:



VANDERLANDE



4. From goal to result: The success factors for your project

How PSIAirport creates measurable added value in baggage handling

Factors

- ✔ **Comprehensive project expertise:**
Successful implementation of greenfield and brownfield projects in close collaboration with our partners.
- ✔ **Maximum flexibility:**
Based on established standards, our solution can always be adapted to individual customer requirements.
- ✔ **Future-proof technology:**
Thanks to consistent market orientation and continuous development, our products are always state-of-the-art and guarantee long-term security.
- ✔ **Optimal service:**
We continue to support you after project completion with a 24/7 hotline, system monitoring, cyclical health checks, warranty management, spare parts supply, and CarePack management.

Successful customer projects

Our references provide information about the environments in which our systems are used, the solutions that have been implemented, and the added value they create in operation.

[TO OUR REFERENCES →](#)

[WE ARE HERE FOR YOU!](#)

Would you like to learn more about PSIAirport? Further information is available on our website:
www.psi.de/en/psiairport

Customer excerpt:



Contact

Would you like to find out more, or do you have questions or feedback on this topic? Contact us, we will be happy to help you.



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[Product page PS Lairport](#)

About PSI Software SE, Business Unit Logistics

For more than 50 years, PSI Software SE has been developing a comprehensive, integrated range of products for transparent material flows and efficient logistics management. The Logistics business unit is part of PSI Software SE and today bundles the company's logistics expertise. The business unit implements IT projects in logistics on any scale, across all industries, nationally and internationally, and is the right partner for companies in industry, trade, and services.

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