



**True Innovation,
Real Impact.**



Greenfield

Ultra-modern
and **cost-efficient**
solutions for future airports



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True Innovation, Real Impact

When building a new airport from the ground up, choosing the right partners from day one makes all the difference. At Dimark, we offer more than just technology, we bring deep industry knowledge, a proven track record, and the ability to co-create solutions tailored to your vision.

We work alongside architects, consultants and airport authorities to design, simulate and deliver **future-proof BHS systems**, ready to evolve with your operations. From feasibility studies and digital simulations, to full production and implementation, **everything we do is managed in-house**: ensuring speed, consistency, and seamless communication.

As official **IATA Strategic Partners and Gold Members of ACI EUROPE**, we're involved in shaping international airport standards. Our active participation in global aviation forums gives us insight into what tomorrow's airports need and how to deliver it today.

With Dimark, Greenfield doesn't mean generic. It means custom-fit, intelligent, and built for growth. **We don't just follow standards. We help set them.**

Planning the future of air travel?

Start strong with a partner that delivers from concept to reality.



**Let's shape the future
of baggage handling together.**

01

Design and planning:



■ Comprehensive project coordination and BIM integration:

- Coordination with BIM and design enables dynamic system adjustments to ongoing construction.

Key takeaway: Early involvement and support during design stage ensuring operational efficiency and minimizing risk.





■ Design validation and performance optimization:

- DiSCADA simulations validate system parameter accuracy.
- Optimal space allocation of airport operations and baggage flow.

Key takeaway: Optimal space allocation of airport operations and baggage flow.





■ DiSCADA Enhanced maintainability and visual representation:

- DiSign and VR enable equipment accessibility verification, repair procedure validation, and immersive system exploration.
- DiSCADA's 3D models generate impactful visualizations for better understanding and decision-making.

Key takeaway: VR and 3D visualization capabilities for simplified maintenance and compelling marketing materials.





■ DiSCADA Enhanced maintainability and expert optimization:

- Design and VR enable equipment accessibility verification, repair procedure validation, and immersive system exploration.
- DiSCADA's 3D models generate impactful visualizations for better understanding.
- An IATA-certified team optimizes solutions for passenger comfort, ensuring rapid design and simulation processes as well as superior service.

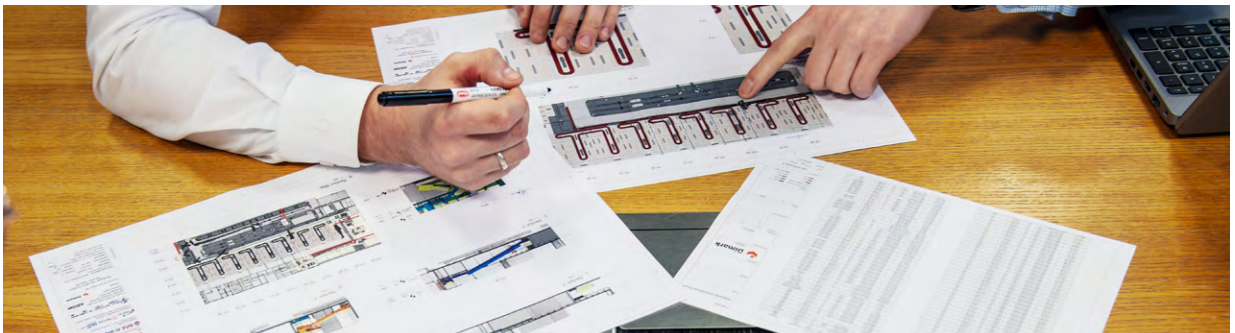


Key takeaway: Passenger-centric solutions, seamless operational flexibility, and simplified maintenance.

■ Comprehensive documentation and risk mitigation:

- Complete documentation and 3D scanning minimize the risk of collisions and inaccuracies.

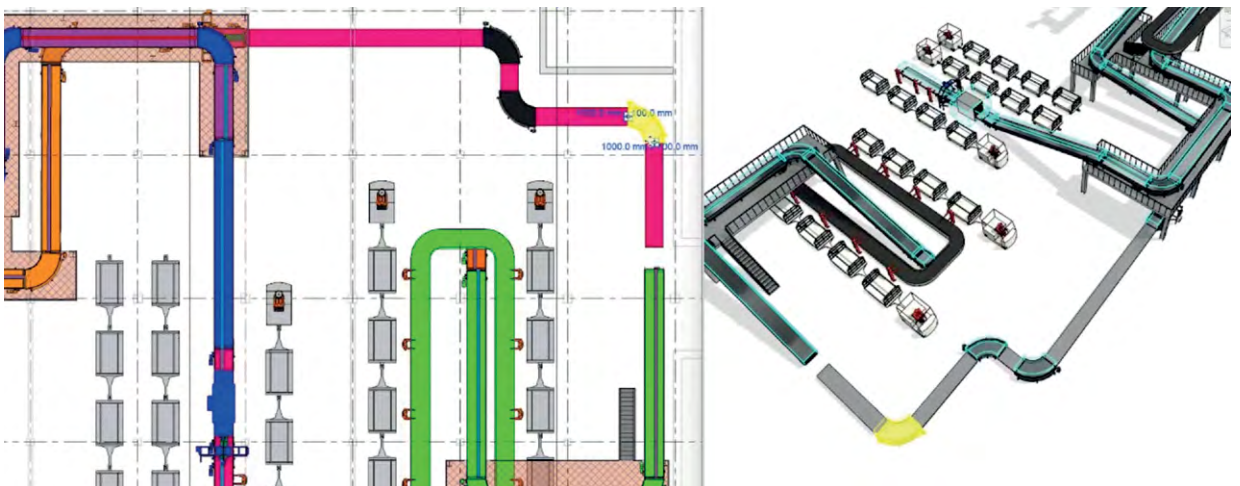
Key takeaway: Reduced lead times and mitigated risk.



■ DiSign (Proprietary BHS design environment):

- Comprehensive design coordination and dynamic adaptation to progressive construction.
- Enhanced maintainability and equipment accessibility, validated through VR.
- Creation of compelling 3D airport marketing visualizations.
- Complete design documentation.
- Feasibility of accelerated project implementation.

Key takeaway: Seamless design coordination, accelerated project implementation, and enhanced maintainability.



02



Implementation and preparation:

■ Operational readiness and accelerated project execution:

- Virtual training with DiTWIN (Dimark Virtual Twin) and VR prepares the crew for operational readiness.
- Modern production and automation reduce project realization time.

Key takeaway: Seamless system startup and project execution acceleration.





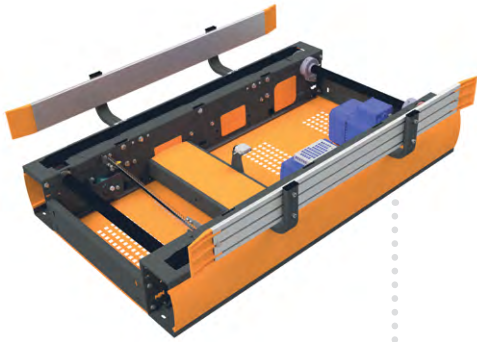
■ In-House production and advanced Dimark production line:

- Feasibility of accelerated project implementation.
- Environmentally sustainable production practices.
- Product autonomy and versatility.
- Rigorous quality control of all equipment.
- European-based manufacturing.

Key takeaway: Innovation, sustainability, and quality for faster delivery and superior solutions.

OUR DEVICES

■ ICS LINE



Straight ICS



Curve ICS



Merge / Diverter ICS

Features & benefits:

- Individual baggage carriers
 - Advanced control and visualization system
 - Reduced energy consumption
 - Higher sorting precision
 - Optimized operational costs
 - Modular design
 - High system reliability
 - Enhanced baggage security
 - Reduced environmental footprint
-

■ SORTING DEVICES



**Tilt-tray
sorter**



**Cross-belt
sorter**



Vertisorter



**Horizontal
diverter**



**Dual arm
diverter**

Common features:

- Smooth baggage transfer and operation
- Adjustable conveyor height and speed
- Durable and robust construction
- Low noise level
- Easy maintenance and component replacement
- Modular and adaptable design
- High sorting rate

Shared benefits:

- Accurate and rapid baggage sorting
- Reduced errors in baggage direction
- Seamless system expansion
- Shorter implementation time
- Increased operational reliability

OUR DEVICES

■ BELT LINE

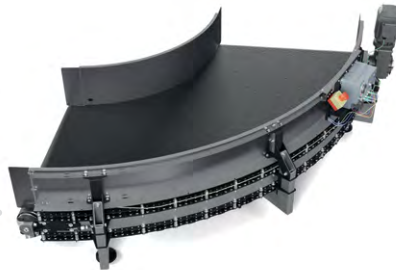
Belt conveyor



Check-in



Curve conveyor



Merge conveyor



Induction conveyor



Common features:

- Durable constructio
- Low noise level
- Low energy consumption
- High load capacity
- Easy maintenance and servicing
- Quick and effortless belt replacement
- Adjustable height and speed
- Design flexibility and customization

Shared benefits:

- Quiet and efficient operation
 - Fast servicing with minimal downtime
 - Reduced operating costs
 - Space-saving design for optimal airport layout
 - Greater comfort for staff and passengers
-

■ CAROUSELS LINE

Flat carousel



Inclined carousel



Common features:

- Modular and sturdy design
- High load capacity
- Quiet operation
- Easy assembly and disassembly
- Simple baggage removal
- Lubrication-free friction drive
- Additional safety features (e.g. bumpers)

Shared benefits:

- Long service life
- High system reliability
- Safe and smooth baggage delivery
- Flexible integration into various terminal layouts

■ AUTOMATIC TRAY RETURN SYSTEM

DiLane



Common features:

- Faster and more efficient
- processes to increase passenger experience and satisfaction
- Design that optimizes space, minimizes bottlenecks and improves overall security process flow reducing congestion
- Seamless line operation reduces passenger wait times, increases capacity, and optimizes checkpoint operations.

Flexibility and Adaptability:

- Allows for easy integration into different settings.

Improved Security:

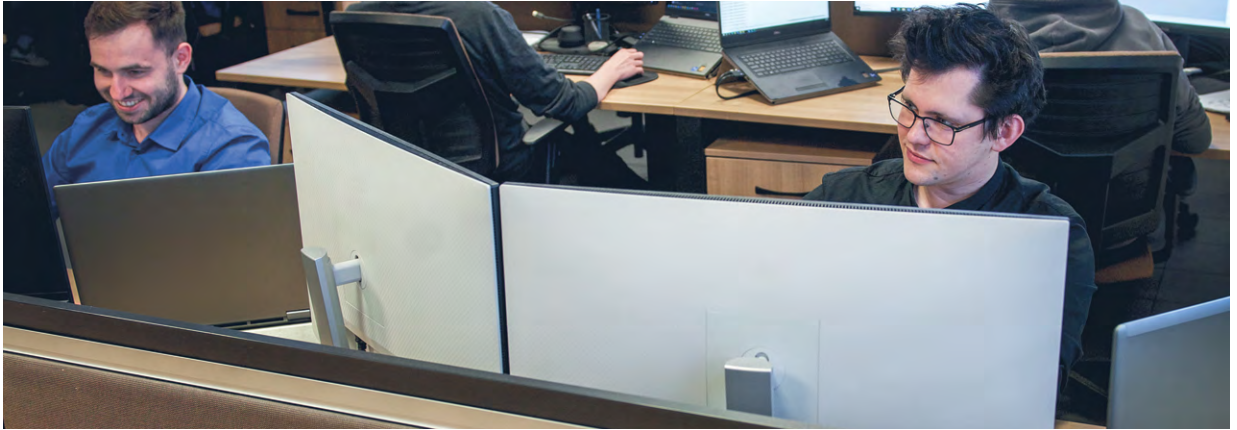
- Enhances overall security effectiveness.

Hygiene and Safety:

- Enhances safety and hygiene standards.

03

Customer Support



■ **Secure remote control and system security:**

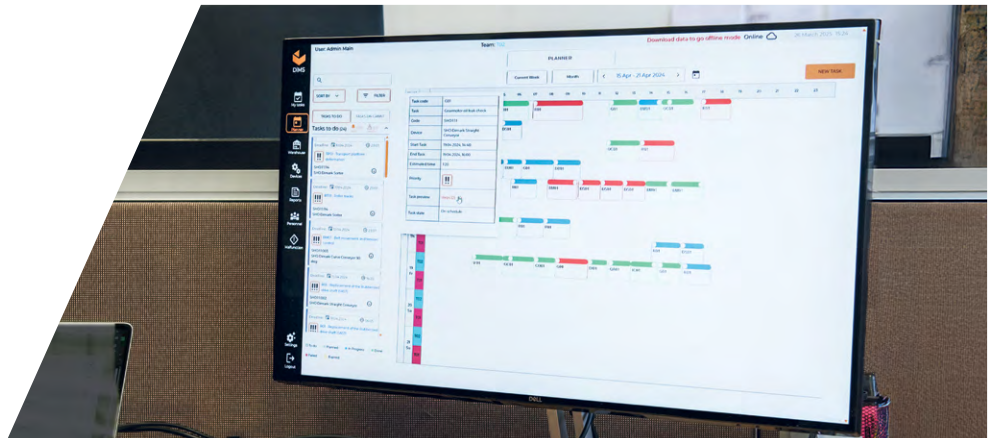
- DiMS and remote DiSCADA ensure secure remote monitoring, real-time performance tracking, and advanced threat detection.
- Automated alerts, data-driven insights, and system vulnerability assessments enable ongoing optimization and maximized performance.
- Compliance with industry security standards ensures robust cybersecurity.

Key takeaway: Maximized system uptime, performance, and security.

■ Cost efficiency and failure prevention:

- PLCC and predictive maintenance reduce costs and prevent failures.
- Product Life Cycle Costing [PLCC] enable efficient forecasting.
- Predictive Maintenance reduces failure scenarios.

Key takeaway: Cost reduction and downtime minimization.



■ Sustainable production and platform:

- Sustainable production practices and platform scalability.

Key takeaway: Environmentally responsible and scalable solutions.

■ Intuitive system operation:

- Rapid diagnostics and intuitive system operation.

Key takeaway: Effective and user-friendly systems.





■ Comprehensive problem identification and proactive support:

- 24/7 customer support and a dedicated hotline ensuring centralized monitoring and rapid problem diagnosis.
- Cybersecurity of the airport infrastructure network.
- Swift issue resolution and continuous operational efficiency.

Key takeaway: Persistent support, centralized oversight, and enhanced operational security.





Dimark

■ Proprietary software

Our systems, like DiSCADA and DiTWIN, are fully developed in-house, giving us full control over functionality, flexibility, and future scalability.

■ In-house manufacturing

Every component we deliver is manufactured in our own facility in Poland. This ensures top quality, reliability, and agile adaptation to project needs.

■ Innovation from the source

We don't implement ready-made tools, we create them. Backed by data, experience, and passion, we deliver innovations that truly make a difference.

HEADQUARTERS

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