

# UNLOCK: your business potential with Industrial AI – powered by PSI

PSI's process control software combines AI methods with industry-proven optimization techniques to ensure sustainable production, logistics, and energy supply.

Our smart solutions are especially practical, as they are easy to understand, explain, and use intuitively – even without specialized AI expertise.

## Your benefits

By leveraging industrial AI, PSI customers achieve sustainable competitive advantages. They:

- ... Consistently reduce time and costs
- ... Optimize and automate routine processes
- ... Increase productivity and efficiency
- ... Enhance sustainability
- ... Make faster and more informed decisions

## Make use of

- Self-learning data preparation
- Advanced decision-making
- Versatile predictions
- Modern AI stacks
- Machine learning
- KPI-driven optimization
- Tailored user experiences
- Web and cloud-ready products
- Voice-enabled explainability

 **10 %**

Cost savings

 **15 %**

Emission reduction

 **20 %**

Productivity gain

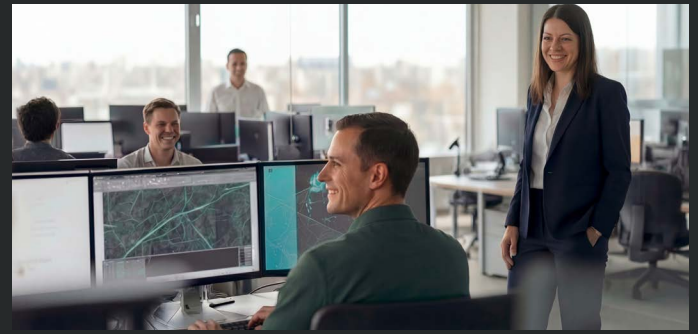


## Discrete Manufacturing

**Sequence optimization:** Optimize the order and flow of production jobs and operations based on order characteristics or production times.

**AI-powered knowledge management:** Faster response times and better-informed decisions through online help systems that deliver precise answers based on defined sources.

**Automatic processing of incoming documents:** Increase efficiency and reduce errors when handling invoices, orders, work requests, and other documents.



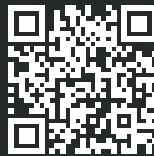
## Grid & Energy Management

**Multi-criteria optimization:** Enhance efficiency with decision support for dispatchers, increased acceptance, and transparent integration across all subsequent processes.

**Smart energy trading forecasts:** Improve consumption and load forecasts in energy trading to optimize resource management.

**Smart grid management:** Forecast grid loads and renewable energy generation to enable predictive grid calculations.

**Energy savings in gas transportation:** Efficiently execute gas supply contracts to lower costs and cut CO<sub>2</sub> emissions.



## Process Industry

**Integrated database:** Production process data is integrated into the Factory Model as a central "single source of truth," creating a unified database rather than isolated data silos.

**Optimizing core processes:** From concept to data-driven "proof of value" – enabling informed production planning and measurable optimization of complex processes.

**Greater autonomy:** Cross-agents and AI co-pilots enable increasingly autonomous systems through transparent explanations, while maintaining the required quality standards.



## Logistics

**Optimized logistics processes:** Analyze and derive optimization recommendations for warehouse processes based on a digital twin.

**Real-time baggage tracking:** Track baggage in real-time using high-resolution video surveillance for enhanced security and efficiency in baggage management.

Get more information  
and book your  
individual appointment.

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