



+ PSI Automotive & Industry

# ERP + MES from a manufacturing specialist

Overcoming challenges together using integrated solutions



PSI 

Dear reader,

A particular focus at our company is on the user as an individual. We should not be asking these individuals to adapt to our software – our software should adapt to their needs.

We are therefore particularly proud that our software is so user-friendly and that we offer outstanding industry expertise. By choosing PSI Automotive & Industry, you are choosing not just an ERP + MES provider on an equal footing, but a partner that can draw on decades of experience of working with small and mid-sized manufacturing companies as a basis for meeting your needs, and that will be at your side as you transition your company into a digital future.

Read on to find out more about the future-fit manufacturing solutions we have developed for our customers, how we can help you to leverage the potential offered by digitalization, and how we can improve your company's processes.

We'd also be more than happy to show you our solutions live on site. Don't hesitate to call us today – our team will be delighted to speak to you.

Kind regards,



**Dieter Deutz**



**Dr. Herbert Hadler**



# 10 reasons to choose PSI

01

We are an experienced provider of cutting-edge technology.  
We love sharing our **knowledge** with you.

02

We have real **Industry 4.0** solutions in productive operations. Lots of people are talking about digitalization, but we offer tried-and-tested solutions to the daily challenges faced in industry.

03

We start with the user. **User-friendliness** and **usability** are our top priorities.

04

We are a **specialist** for your industry.  
Our decades of experience gained in small and mid-sized manufacturing companies mean that we can support you as an equal.

05

We will be by your side anywhere in the world.  
**Multi-site management** makes it possible to organize business processes across multiple plants.

06

We specialize in integration. Comprehensive **interfaces** ensure that PSI solutions can be easily integrated into existing IT landscapes.

07

We are a reliable partner. Our position as part of a **strong group** means that security of investment and predictability are par for the course.

08

We have a strong **user group**. We pay attention to our customers' requests when developing our software.

09

We help our customers to network. PSIng provides customers with access to an **exclusive online platform**.

10

We offer flexible **MES integration options**. Perhaps you already have an ERP system, and simply want to add some extra functionalities? PSI can help you with that.

# Industry specialist

Focused. Experienced. Reliable.



Automotive supply industry



Machine and plant engineering



Device and equipment manufacturing



Vehicle manufacturing



Electronics



Aviation industry



Tool manufacturing

# ERP + MES: We optimize processes along the entire value-added chain

An integrated ERP + MES solution that you can trust. By choosing PSIpenta, you're opting for an integrated system that offers broad and deep functionalities and gets your company ready for digitalization. As a manufacturing specialist, we have a single goal: **optimizing your processes.**

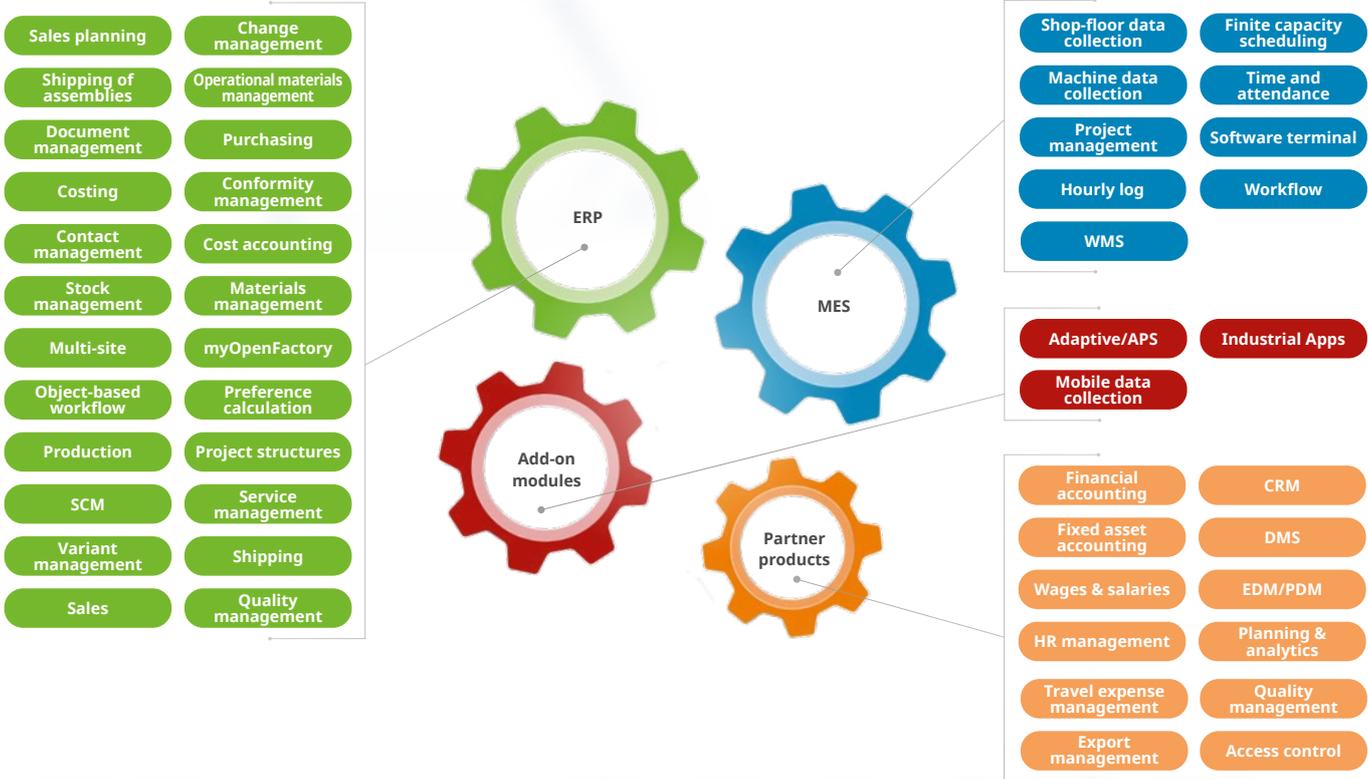
A decisive factor for surviving amid ever-tougher competition is an overview of the current status of production – from receipt of the order to delivery. An integrated solution with a standardized data basis is not only easier to use, but also helps you achieve your production goals and increases cost-effectiveness.

- 
- ✓ Faster and more flexible production thanks to a standardized data basis
  - ✓ Avoidance of media discontinuities, duplicate work and laborious manual interventions
  - ✓ Lower costs thanks to complete transparency as regards resource needs and logistics processes
  - ✓ Improved analytics for better planning: combined data from ERP + MES provides decision-makers with a solid data basis that brings together strategic and operational perspectives
  - ✓ PSIpenta as the basis for digitalization: get your company ready for Industry 4.0

 Find out more at [www.psi-automotive-industry.de](http://www.psi-automotive-industry.de)

# PSI software portfolio

Our software has been specially developed for manufacturing companies. Here is an overview of our full range of solutions.





## Smarter, easier and more mobile

### ERP that fits in your pocket

Do you want to be able to work flexibly, on the move and from anywhere? Industrial Apps mean that you can simply take your ERP system with you.

- ✓ Access to all key functionalities
- ✓ User- and requirement-specific interfaces
- ✓ Mobile support for logistics, production, service and workforce planning

## Improved planning with smart analytics

The key to good management is dealing with complexity. Smart Planning & Analytics provides you with a solid data basis for making decisions.

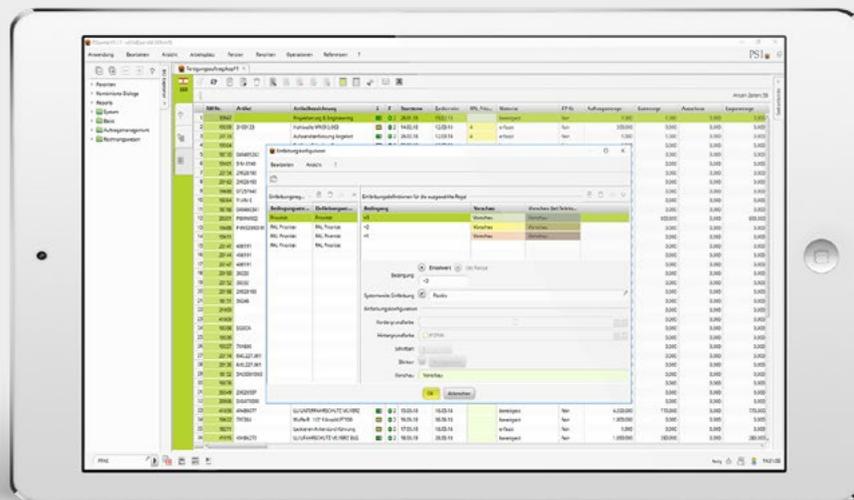


- ✓ All key analytical and reporting functions
- ✓ Easy operation and clear presentation – You can easily access all the relevant data
- ✓ Optimize your business processes

Find out more at [www.psi-automotive-industry.de/spa](http://www.psi-automotive-industry.de/spa)

## User-friendliness as a key priority

With PSI Click Design, you can not only intuitively and easily create user interfaces for each individual user, but also avoid costly customization costs.



- ✓ Intuitive and easy operation
- ✓ Responsively create custom user interfaces
- ✓ Composition of complex dialogs

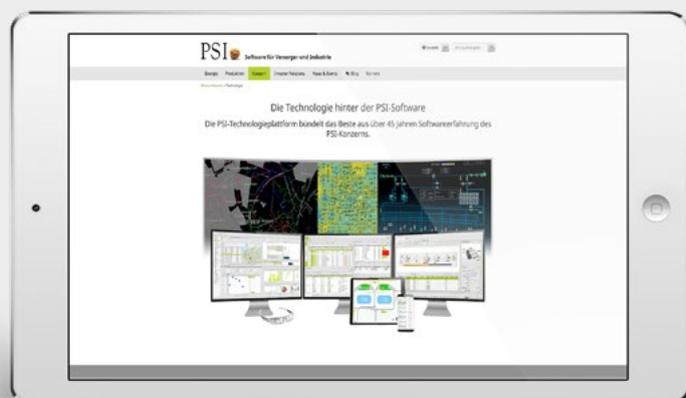
Find out more at [www.psi-automotive-industry.de/usability](http://www.psi-automotive-industry.de/usability)



## Technology that sets and uses standards

The technology behind the solutions developed by PSI Automotive & Industry GmbH is characterized by the extensive use of industry standards. This makes it easier for users to familiarize themselves with the development methodology and the underlying software as well as the clear design specifications, thus avoiding errors and maintaining the software quality at a consistently high level.

The highly available, scalable PSI Framework based on state-of-the-art Java technology provides a powerful shared platform for all PSI solutions. A modern user interface and numerous productivity improvements allow us to meet the needs of our customers quickly and accurately. Customers also benefit from the PSI Group's large community of developers.



- ✓ Networking and versatility thanks to advanced modularization and sophisticated integration technologies
- ✓ Flexible integration architecture: the integration server is scalable, replicable, plug-in compatible for new protocols, and supports real-time communication
- ✓ Forward-compatible scripting: generic client with integrated Groovy-based scripting engine
- ✓ Optimum customer and supplier integration, as we support all common formats and the automatic mapping of processes between customers and suppliers

 Find out more at [www.psi-automotive-industry.de/technologie](http://www.psi-automotive-industry.de/technologie)

# PSI solution architecture



# Customers about PSI

We are proud of our software, but in the end what counts is the result in actual operational practice. We therefore asked our customers to tell us about their experiences with PSIpenta.

““  
We can identify with PSIpenta and its approach, and **feel that they understand us**. We've found both the right system and the right partner for us.  
*Marco Jaßniger, Head of IT (CIO)*  
*Wilhelm Bahmüller Maschinenbau Präzisionswerkzeuge GmbH*””

““  
It's **proximity to production** is the key strength of PSIpenta.  
*Anja Ritter, ERP Project Manager*  
*GEA Refrigeration Germany GmbH*””

““  
Through the integration and consistency of the various solutions and business processes, we are leveraging **enormous potential**.  
*Johann Kropf,*  
*Head of IT at Wilhelm Schwarzmüller GmbH*””

““  
We are aware of every start and end date of the individual **work stages**, as well as the total **production time**.  
*Georg Hansbauer,*  
*Head of IT/Organization at PARAT Beteiligungs GmbH*””

””

My colleagues are **impressed** with the solution.

*Tino Penning, IT Administrator  
FMB Maschinenbaugesellschaft mbH & Co. KG*

””

””

You can tell that PSIpenta originated from practical experience. The Berlin-based company has over 40 years of **industry experience**, and it really pays off.

*Werner Rips,  
IT Manager at Kordel Antriebstechnik GmbH*

””

””

All the **information** to ultimately make far-reaching manufacturing decisions is **always available**.

*Robin Alder, Managing Director at Alder + Eisenhut AG*

””

””

The **production flow** has become much smoother since we introduced the IT solution, despite its greater complexity.

*Eberhard Schott, Plant Manager  
Schempp-Hirth Flugzeugbau GmbH*

””

# These companies rely on PSI

 Find more references at [www.psi-automotive-industry.de/pai-referenzen](http://www.psi-automotive-industry.de/pai-referenzen)



# We offer our customers more

## Benefit from a strong user group

The “**interest group of PSIpenta users**” (IPA) has existed **since 1986** and is a real success story. Exchange of information between customers and their inclusion in product development have always been a central focus for us. In addition to a large number of working groups and regional meetings, a big customer conference is held every year. The event is famous for its wide variety of lectures and best-practice workshops featuring the highest level of expertise and is a popular meeting place for Germany’s manufacturing SMEs.

## Social media for SMEs

Since 2011, there has been a new chapter in the IPA success story: PSIng, an innovative customer platform for the exchange of information between customers, as well as with our company. Customers discuss their experiences with PSIpenta in a number of different groups. PSI Automotive & Industry is proud to be able to present its own modern social media platform, and uses it to provide its customers with various forms of assistance such as documentation and a wiki.

## Experts share their knowledge

What are the latest ERP + MES trends? Which solutions are right for my company or department? At **www.erp-demo.de**, we concisely discuss the latest developments in the industry and offer practice-based articles on the use of ERP and MES. We also support you in your selection process with a tailored overview of production-related software solutions for your department.

### ERP demo

You can now find out about trends, user reports and new developments from the world of ERP + MES in the blog.

Take a look online now at  
[www.erp-demo.de](http://www.erp-demo.de)





## PSI Automotive & Industry GmbH

Under the brand name PSIpenta, **PSI Automotive & Industry GmbH** offers solutions for the comprehensive optimization of value-adding processes at production and detailed planning level for the automotive and vehicle construction, machine and plant engineering as well as supply industries.

These solutions draw on over 30 years of experience. They are aimed not only at traditional small and medium-sized businesses, but also at companies seeking to integrate a system for more efficient production and/or maintenance processes into an existing IT landscape.

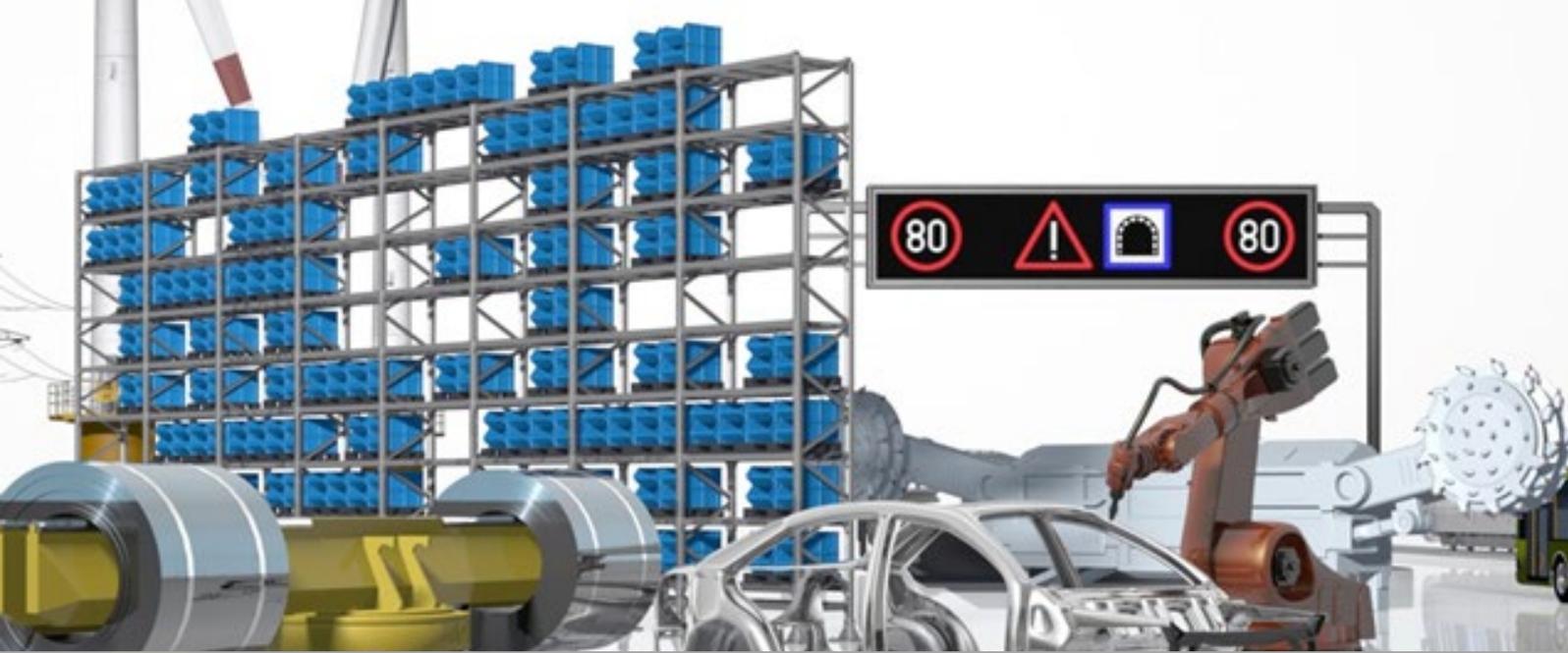
The solution portfolio, consisting of ERP, MES, WMS and SCADA components, is made up of new and completely modernized products on the basis of the Java-based PSI framework. In addition to the traditional production control (push/pull method), holistic optimization methods are offered, such as short-term and medium-term sequencing. PSI has already been offering reliable automated solutions with AI support for industrial use for several years now.

Workflows are used to control processes across all applications. This means that the processes can be adapted to new requirements extremely fast and without the need for programming.

The solutions offered by PSI Automotive & Industry are now used by more than 30 000 users in over 500 industrial companies – many of them global market leaders in their industry. PSI carries out research into future implementation strategies together with partners from science and industry. PSI Software AG employs over 2000 people and generates annual sales in excess of EUR 200 million.

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