PIA Automation is your strong partner for the design and implementation of sophisticated assembly and automation systems in the mobility, commercial and consumer goods, medical technology and pharmaceutical sectors.

At its locations in Germany, Austria, Croatia, China, Canada and the US, PIA Automation offers a mature range of products and solutions for assembly and automation systems as well as worldwide service.

PIA combines many years of expertise from two worlds: special machine construction and digitization. As a globally established and successful mechanical engineering company, we operate directly from the plant in all of our developments. At PIA we know what data is needed and how we can access it. PIA's software engineers, representing more than 40% of PIA's entire engineer team, are engaged in the design, implementation and rollout of intelligent and custom analytics applications. These smart apps are integrated with PIA's assets, enabling seamless data flow from the Edge, on the fog, to the cloud level.

With the digitization strategy “PIA 4.0” we want to further expand our position within the global market as well as offer our customers added value. Due to this, we provide a digital solution portfolio using piaIAS. For example, apps are hosted in the cloud on MindSphere, Microsoft Azure, etc. and can also be on premises at locally at the facility. Depending on the issues, customers can access the apps to solve specific problems. For example, our solutions help reduce production costs based on continuous OEE optimization and improve the quality of the product. Our applications are in use by renowned customers worldwide.

PIA INDUSTRIAL APP SUITE

VISIBILITY – TRANSPARENCY – INTELLIGENCE

The digital portfolio of PIA is designed for customers who are looking for solutions for their particular problems. Using a common data model, PIA Industrial App Suite offers a mature range of solutions for assembly and automation systems as well as worldwide service.

PIA Automation is an international group of companies that develops and manufactures customer-specific assembly and automation systems. PIA responds to trends in digitizing and networking the manufacturing process with the PIA Industrial App Suite (piaIAS) – a digital portfolio of products, solutions and services. With PIA Industrial App Suite our aim is to support our customers by offering them business apps in a user-friendly and intuitive way. Furthermore, we understand goals as priorities and therefore the improvement of OEE, the increase of production quality, along with even more flexible and transparent production planning are essential.

Are you ready to take the next step?
Register for your free demo and experience the power of PIA Industrial App Suite for yourself.

Download the brochure
PIA INDUSTRIAL APP SUITE
THE DIGITAL PRODUCT SOLUTION AND SERVICE PORTFOLIO FROM PIA

oftware 
athine 
ntelligence 
root cause analysis
Optimization of production efficiency
Complete control of the producing assets
Realtime measurement and quality control
Increase effectiveness
Identify bottlenecks
Realtime monitoring and controlling

SMART APPLICATIONS

- piaBottleneck
- piaDynamics
- piaMonitor
- piaOptimum
- piaOEETracker
- piaLineController
- piaAnalyze
- piaAI

FEATURES

- Artificial Intelligence
- Root cause analysis
- Optimization of production efficiency
- Complete control of the producing assets
- Realtime measurement and quality control
- Increase effectiveness
- Identify bottlenecks
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Benefits

- Predictable unplanned downtimes
- Increased productivity
- Increased product quality and first pass yield
- Predictability of unplanned shutdowns
- Easy integration of different data sources and types
- Analysis of past bottleneck data
- Visualization of maintenance and production
- Full visibility, trend analysis and prediction of cycle times
- Predictions based on AI algorithms
- Early inspection of different data sources and types

PIA has developed the software tool piaAI (Artificial Intelligence) to establish plant pro-
ductivity analysis and intelligent control. With this tool, we can identify the sources of weak-
nesses in your process and set up central measurement and control systems. The most
common causes of weak points are the inefficient allocation of resources, which results in
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