



# creating efficiency.

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We are PIA. Close all over the world.

Markets, societies, industries  
and technologies may change  
from one day to the next.

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But one thing stays the same,  
all over the world: the desire for  
prosperity and security.

Automated manufacturing processes guarantee perfect products. Sophisticated production systems that fulfil individual customer requirements and, set new standards in efficiency and economy, master tomorrow's challenges already today.

” Making high-quality products available to everyone – sustainable and worldwide – that's what we stand for at PIA.

Thomas Ernst, Co-Chief Executive Officer (Co-CEO)  
PIA Automation Holding GmbH

# Our tradition is one of our strengths.

PIA stands for best in engineering quality and is growing expansively, all over the world. We build on experience and we live innovation.

Customers around the globe have appreciated the reliability of our production solutions for decades.



- Our customers are market leaders in their sectors of mobility, industry, consumer goods, and healthcare.
- At PIA, we place special value on the long service life of our machines, strong processing expertise, and agile service provided all over the world.
- It's not only our technologies that are sustainable. Our European sites are already CO<sub>2</sub>-neutral and we plan to further expand this.
- PIA is firmly anchored in global automation business. Since 1972, we have been continuously growing and, today, we are a listed, globally operating company.
- In the U.S., our roots go all the way back to 1963.
- Over the course of our company's history, we have successfully realized 8,500 projects. PIA systems can be found on all continents of the world.



We at PIA know:

## Creative people build better machines.

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Our PIA teams are by far our most important resource. Why?

Because our automation solutions require a lot of innovative spirit. The drive to develop something new and bring it to technical maturity is in our DNA.

### Passion for progress.

The people at PIA are open to new ideas and dedicated to realizing them. Over 1,800 employees all over the world make PIA a partner that flexibly, reliably and sustainably innovates automation.

- You can find us at 12 locations in North America, Europe, and Asia.
- Our teams develop solutions for important key industries in future-oriented sectors.
- The international networking among our specialized experts guarantees fast and qualified service all over the world.

# Energetically realizing good ideas is what drives us.

## The mindset of our teams.

Optimizing production processes is PIA's passion. We listen carefully. Customer requirements are the focus of our thoughts and actions. We also support important goals like sustainability and the use of digital resources for the transformation to Industry 4.0 standards.

**Bold progress.**  
**Focused development.**  
**Agile implementation.**  
**Reliable delivery.**

These values guide us. They form the basis for a limitless career in the PIA Group and whoever shares them with us will find open doors at PIA. We offer the exceptional career perspectives of a growing company and an international work environment with an open corporate culture.



# Driving is becoming smart.

Just like the production of the components used for it.

We are witnessing a revolution in mobility. Electric drives, Advanced Driver Assistance Systems (ADAS) and autonomous driving are bringing entirely new components, thereby creating entirely new challenges for their manufacturing processes.

Tailored and flexible automation solutions play a key role when it's a matter of 100-percent reliability and fault-free functioning of production processes.



Future production technologies already realized by PIA today.

## ADAS

**Assembly line for autonomous driving.**

An exact measurement of the distance between moving objects and their relative speeds is vital for computerised perception of dynamic situations in road traffic. With our systems, our customers can effortlessly achieve the high demands on production equipment with regard to precision, quality, cleanliness and availability.

## Battery

**Automation solutions for cell, module and pack production.**

There's lots of pressure to be innovative and flexible in the battery sector. For the increasing varieties of batteries, process-reliable, traceable and swiftly flexible production systems are needed. PIA assembly lines offer fast work with single cells that are to be combined in battery packs. Our experience with takt times of under a second and with handling heavy parts, along with our know-how in electrical and visual testing make us an ideal partner.

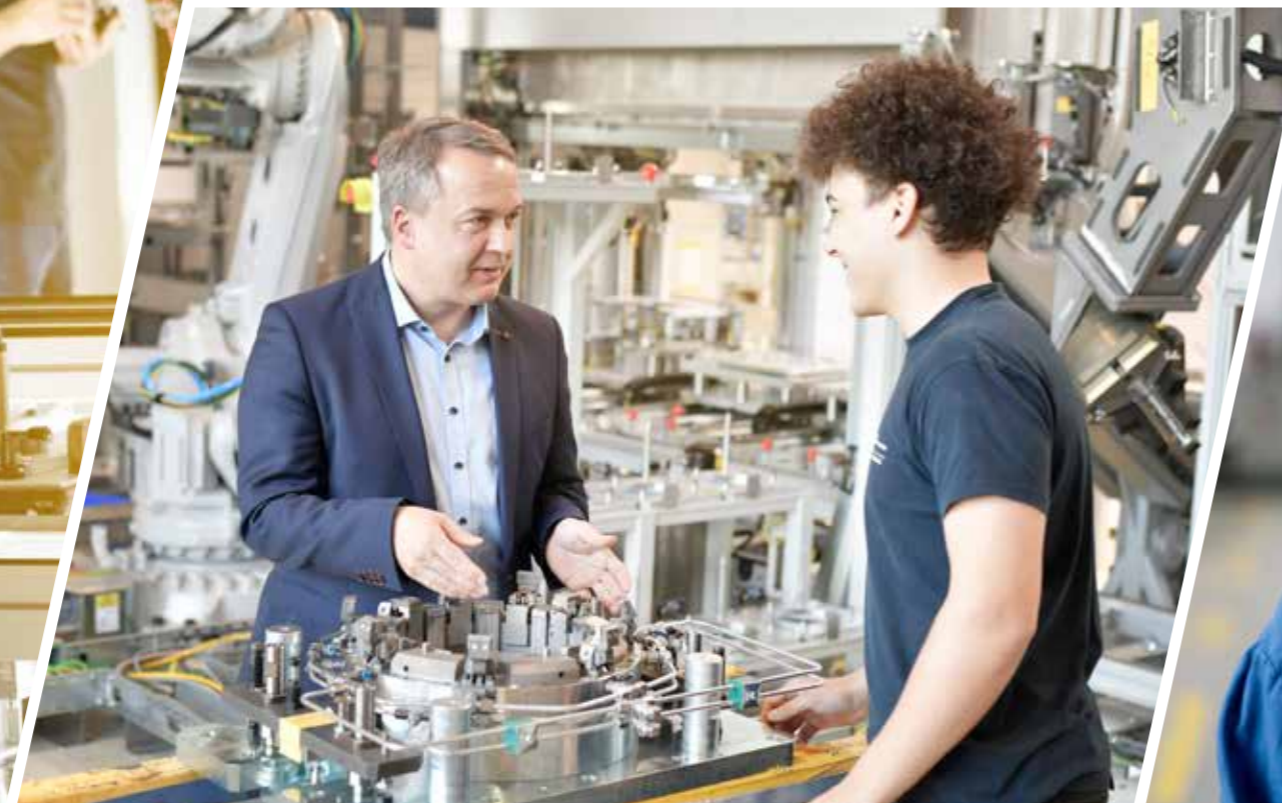


” What’s special is the high flexibility of our modular production systems. This allows us to react to new customer requirements quickly.

Franz Reiter, Managing Director PIA Automation Austria

We don’t get on board,  
we’re there from the very beginning.

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” We know which assembly solutions would be suitable, what’s economical, and what we can reliably implement within the given timeframe. With this knowledge, production success can be reliably planned.

Falc Borchard, VP Sales & Applications, PIA Automation North America

” We think beyond our customers’ requirements. What is also vital for successful production is that we advise our customers already in the planning phase. This allows us to apply our know-how while formulating the specifications.

Stefan Amann, Managing Director, PIA Automation Ningbo

The triad for an edge on the market:

## Creative solutions, reliability and functionality.

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Branches such as electromobility and the medical industry are developing dynamically. This requires production systems that can be swiftly put into operation at the highest quality level. For us, this means developing solutions that didn't previously exist in this form.

Creativity in the design as well as consistent standardizing in the realization of the assembly lines: These are the pillars of PIA's development work. And that's what we stand for with boundless ideas and a focus on efficiency.

### PIA case study – one example of many innovative projects.

**Implemented in record time: fully automatic  
production of single-use face masks.**

Sometimes it has to be fast – as with the supply of mouth and nose masks during the coronavirus pandemic.

Reacting quickly and planning and developing new production systems carefully doesn't have to be a contradiction. Our teams are prepared for this by listening well, anticipating what can be implemented within the given timeframe while fulfilling all requirements. With a development and implementation timeframe of just eight weeks, we were able to provide several production systems that can produce 80 three-layer face masks per minute.





We're close, all over the world.

## Local expertise becomes a global network of experts.

Our teams and our expertise are globally networked.  
Our specialized know-how can be swiftly and smoothly  
accessed – all over the world.

The benefits for our customers: We manage projects as close  
to the customer as possible for a maximum effect. This gives  
PIA customers the best of both worlds – close proximity to the  
customer and the service strength of a global player.

Our customers have access to 12 networked locations around the globe:  
8 production as well as 4 service and engineering sites.



Support & after-sales services

## We think and act beyond commissioning.

The PIA service philosophy: Always close to the customer and close to production. Our responsibility does not end when the system is delivered but extends, if desired, all the way to production support or completely taking over the system operation in the case of bottlenecks.



Some examples of our wide range of reactive, preventive and adaptive services:

- **Emergency Line / Expert Hotline / Online Support**  
Via remote maintenance, we offer support for urgent faults.
- **Retrofits and modernization**  
PIA expert teams support system expansions, production and quality enhancements, and retrofits.
- **Spare part management**  
Optimized spare part packages in OEM quality minimise production losses.
- **Tailored training programs**  
ensure smooth maintenance and production.
- **Remote and on-site analysis and optimization service**  
Via remote access and also on-site at the system, we implement targeted optimization measures.

# Our digital path to greater sustainability.

Industry 4.0 and striving toward sustainable production solutions are industrial megatrends of our times.

We respond to these trends with the PIA Industrial App Suite (piaIAS) tools – a modular portfolio of products, solutions and services that digitally network the manufacturing process. The sophisticated I4.0 solutions can be configured based on the requirement. They allow data acquisition and analysis for line optimization, locally at the facility, or for comparing the productivity of several systems at different sites.

With the PIA Industrial App Suite, rejects can be prevented, downtimes minimized, and cycle times optimized. Our customers achieve relevant goals such as saving energy, conserving resources, increasing the long service life of the system and allowing better planning of maintenance work. In short: They make production more economical and sustainable.



# We see the future through VR glasses.

Engineering 4.0 is daily business for PIA.

PIA has been using VR as an effective engineering tool for several years. With the use of 3D simulations, complex automation connections can be mastered more easily and swiftly.

One example is the ergonomics analysis: If the ergonomics are checked directly on the 3D model using VR glasses, the time burden is drastically reduced. The model offers a high level of detail, the entire system is shown in 3D and can be experienced. Processes can be virtually tested and modifications can be quickly and easily implemented. With VR, customers can see and experience exactly what they will receive from PIA.

VR offers immense advantages:

- Complete systems become tangible.
- Offline training: Sequences of steps can be learned and tested with the model.
- “Human-takt times” can be checked as early as the planning phase.
- This saves up to 3 weeks of time in the planning phase.
- Virtual interaction allows a complete process check.

Typical PIA:

## Limitless learning.

The PIA Academy is our central in-house think tank. This is where employees at all PIA sites acquire the knowledge edge that makes all the difference in their daily work.

In addition to the learning content, the fundamental approach that has made us successful in the world's markets is also promoted here: be curious and seek solutions, always keeping the project requirements in mind.



## PIA Across Borders

For us, training goes far beyond the classic courses. One example is our initiative PIA Across Borders. In this program, we give people at PIA the opportunity to work at different PIA sites globally, project-based, for a limited time, or, if desired, an extended period of time.

Getting to know a new country structure, gaining knowledge of local processes, as well as improving language skills: there are many advantages. All in the spirit of our corporate culture because new perspectives give new inspiration which helps us to master complex and global challenges.



A network of partnership.  
Austria. Canada. China. Croatia. Germany. Mexico. USA.

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