



Realistic, efficient and location-independent training in the virtual world (photo: MHP)

PRESS RELEASE

Shopfloor training revolution with spatial computing

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MHP develops virtual training courses on Apple Vision Pro

- Training with Apple Vision Pro: realistic, location-independent training experiences and courses for production employees
- MHP Showcase highlights new possibilities and the potential of spatial computing applications for training programs and learning
- The management and IT consultancy is among the first in Europe to develop applications exclusively for Apple Vision Pro
- Together with the IT enterprise developer TRIFORK, MHP is developing specialized employee training courses for production facilities. Additional scenarios from other training areas are also available

Ludwigsburg / Zuffenhausen – Together with Porsche AG, management and IT consultancy MHP is taking industrial and production sector training to a new level: in a showcase event, part of the production process at the Zuffenhausen plant was implemented as highly realistic 3D training in Apple Vision Pro. CAD data of a robot and a rotary table (welding) are realistically mapped in Apple Vision Pro in the "Shopfloor Training" showcase. With the capabilities provided by Apple Vision Pro, employees can now utilize an innovative training application that not only saves time, but also provides extremely effective training, thanks to the authentic representation of the production facility.

Training and simulation in the virtual world

Making procedures and exercises interactive and as realistic as possible is always crucial for the success of all training courses, whether you're preparing shopfloor employees to maintain machines and systems or instructing them in complex production tasks. Digitalization and spatial computing are a driving factor in ensuring training is successful and cost-efficient at the same time.

Let's take the maintenance of machines and systems, for example. Shutting down an entire production plant for training purposes is expensive and could result in delays in the entire

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system. Training with Apple Vision Pro, on the other hand, can be carried out anywhere. In the specific showcase event developed by MHP, employees on the shopfloor immediately see the entire task they have to carry out step by step. There are also detailed repair instructions superimposed using a 3D model. This reduces errors and increases employee satisfaction. Individualized (or personalized) time keeping, the assessment and certification of training are also possible, for instance by evaluating the sequence of steps and parts, as well as maintaining the correct distance from the robot. Follow-up training courses for quality assurance in production are also possible.

Increased efficiency and better, more targeted training

"Apple Vision Pro enables us to develop solutions for our customers that can be displayed in an extremely realistic digital environment. This leads to a considerable increase in efficiency and cost savings," explains Markus Wambach, COO and Member of the Management Board at MHP. "The detailed and realistic training courses and sessions that we can develop for our customers will increasingly cut out costly errors. This is because the up-to-date information that employees need for their work is displayed right in front of them as they carry out the task. This not only helps us to become much more efficient in our work, but to create a better working environment, too."

The long-term goal is to use Apple Vision Pro to educate and train employees for production. This solution also has the potential to revolutionize other areas, such as after sales in the automotive industry.

"Employees not only learn safety, such as maintaining a proper distance when working with certain robots, but also receive visual instructions on safe walkways. In addition, the application can be enhanced with playful elements, or gamification, to appeal to younger employees," explains Jörg Dietrich, Sales Director at MHP. "The integration of Apple Vision Pro into our existing infrastructure has gone smoothly, thanks to our seamless connection to Apple's ecosystem. The intuitive user interface, razor-sharp displays and intuitive user experience make Apple Vision Pro the ideal platform for our training needs," he adds.



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About MHP

As a technology and business partner, MHP has been digitizing the processes and products of its around 300 mobility and manufacturing sector customers worldwide for 27 years and providing support for their IT transformations along the entire value chain. For the management and IT consultancy, one thing is certain: digitization is one of the biggest levers on the path to a better tomorrow. This is why the Porsche AG subsidiary provides both operational and strategic consulting in areas such as customer experience and workforce transformation, supply chain and cloud solutions, platforms and ecosystems, big data and AI, as well as Industry 4.0 and intelligent products. Headquartered in Germany, the consultancy operates internationally with subsidiaries in the USA, the UK, Romania and China. Around 5000 MHP employees are united by their pursuit of excellence and sustainable success. It is this aspiration that will continue to drive MHP - today and in the future.