Our services in the field of **Workplace of the future**

**Our approach**
- Analysis of your individual situation and deduction of specifications for a software solution
- Integration of our software into your production and quality assurance processes
- Implementation of paperless processes, speed-up of information supply and processing in production
- Development of customer specific functionalities
- Training and service

**Fields of application**
- Provide information to employees (e.g. manual assembly and testing procedures, real time data via OPC-UA-connection)
- Documentation by employees (e.g. for quality results, failures, improvement proposals)
- Real time video annotation (e.g. for remote maintenance)
- Image processing (e.g. identification of geometrical features)

**Your benefit**
- More efficient and effective processes
- Shorter quality control loops through real time information supply

*We look forward to discuss your individual challenge.*
Procedure in a bilateral cooperation

1. Workshop for the systematic identification of applications for smart devices in production and for the individual assessment of the effort-benefit-ratio

2. Basic software as stand-alone-application

3. Implementation of individual functionalities according to the application

Installation & training

Usage, maintenance & updates

Validation of the functionalities
System architecture & functionalities of the basic software

Server
- Storage of processes and generated data (cycle time, failures, optimizations)
- Permanent analysis of context data in the background in order to push messages on smart glasses

Clients for modelling & analyzing
- Modelling of processes and its variants by text, image, video, audio and CAD-models as well as QR- and NFC-interactions
- Creation of failure catalogs
- Managing of organization units and employes (LDAP-connections)
- Managing of smart hardware
- Displaying of process related analysis

Smart Devices Clients
- Show process steps
- Show real time informations via OPC UA
- Navigation via voice control or manually
- Generation of failure reports
- Generation of optimization proposals
- Ad-hoc-cross-linking via video telephony

Image sources: Vuzix, panthermedia