



Description

- Real-time process tracking and analysis for manual assembly processes and machines without data acquisition interfaces
- Wireless multi sensor packages can be mounted flexibly to tools, parts and technical appliances
- With the interactive labeling tool AnnotationAssistant online training for process recognition can be carried out simultaneously to the production process
- Detailed KPI calculation for automated disclosure of optimization potential

Change in Work

- Flexible ad-hoc process analysis for data driven decision making processes
- Assembly workers and process planers can monitor processes unaffiliated
- Enabler for data driven process analyses without the need of expert knowledge (Citizen Data Scientist)

Contact



Emir Cuk

Factory planning and production management Fraunhofer IPA Nobelstr. 12, 70569 Stuttgart, Germany

Tel: +49 711 970-1911 emir.cuk@ipa.fraunhofer.de

Added value & benefits

- Create transparency without existing data gathering infrastructure, even in manual processes
- Automated and flexible process tracking
- Detailed Prozessanalysis via Dashboard and KPIs