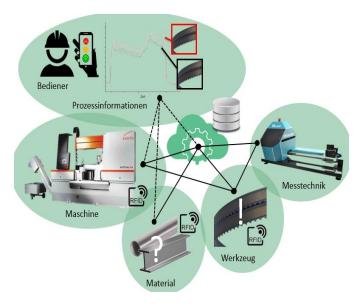


Consistently networked machining processes



Description

- Digital support of the worker through a consistent networking of the human being and the means of production (tool/process/machine/measurement technology)
- Support for the correct selection of tools and process parameters
- Online data acquisition and assistance in reacting to unstable process conditions (wear, damage, ...)
- Long-term learning from tool and machine history to optimize the production process

Change in work

- Assistance systems to support low-skilled machine operators
- Data acquisition and analysis through condition monitoring
- Online identification of the process and tool status and real-time based process diagnosis

Contact person



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Added value & benefits

- Creation of increased acceptance and identification with machines and processes
 - → Improvement of working conditions
- Maximum transparency of the production resources over their life cycle
 - → Expansion of the knowledge pool
- Increase of process reliability and machine availability
 - → Efficiency increase through support of worker & operator