

# SF MES SOLUTIONS

## SMART PRODUCTION

### Modular MES solution

SF smartProduction offers you a component-based and thus highly flexible software solution that allows you to perform everything from monitoring, controlling with failure analysis, production monitoring and documentation through to remote maintenance and inspection.

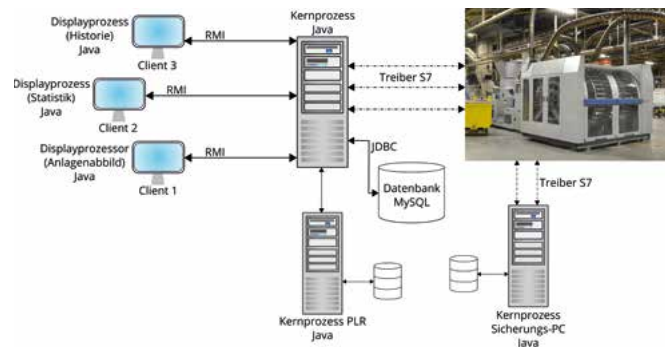
### Optimize your processes for a faster time-to-market

Reduce costs, boost quality and improve efficiency in your production process with the component-based modular system, smartPRODUCTION. Profit from our wealth of experience with highly-integrated information processing, intelligent process control and the needs-based preparation of product data.

Unlike standard software, easily-modifiable software components allow you to create the best solution that meets your customer's specific requirements. In this way, you are able to achieve considerable advantages in terms of cost, quality and time-to-market compared with a custom solution. This extends from simple data acquisition and visualization to product documentation, inspection and remote maintenance through to custom manufacturing execution systems (MES) for your entire company.

### Standard software components – capabilities

- Configuration
- Simulation and commissioning
- Administration
- Process monitoring
- Documentation
- Quality management
- Interfaces
- Maintenance



Communication model – © industrieblick / Fotolia

### Benefits

The modular system smartPRODUCTION includes standard software components that provide the functionality required for configuration and commissioning, administration and operation. Furthermore, it involves statistical analysis of quality-related information in the operation, while working via a secure service access. This way, the complete systems can be designed quickly, implemented appropriately, configured swiftly for use on any given production line as well as operated efficiently.

### Overview of smartPRODUCTION functions

- Order and line control
- Production simulation
- Production management
- Process control and monitoring
- Material flow control
- Control station and production master data
- Process documentation
- Quality assurance and order tracking
- Failure analysis



### SF Summary

- Fast design, implementation and commissioning thanks to standardized components
- Process optimization by determining critical production parameters
- End-to-end product documentation with tracking
- Optimization of inspection and maintenance intervals



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