PREDICTION
Predictive Quality
Prediction of dates
Predictive Maintenance
Projection of material ranges
PLANNING & SCHEDULING
Sequence planning of orders and operations
Resource allocation and maintenance calendar
Personnel scheduling
Work preparation and quality planning
Planning of material and energy use
SMART FACTORY ELEMENTS
PREDICTION
PLANNING & SCHEDULING
ANALYTICS
EXECUTION
KPIs
Performance and correlation analysis
Root Cause Analysis
Self Service Analytics
Machine Learning based on Big Data
ANALYTICS
Production control
Monitoring process quality
Process interlocking
Online monitoring
Real-time monitoring and early detection of deviations
EXECUTION
IIoT
INDUSTRIAL INTERNET OF THINGS
Data transfer from IIoT sensors
Digital machine connections
Manual data collection
Providing information to the shop floor
Flexible operator guidance