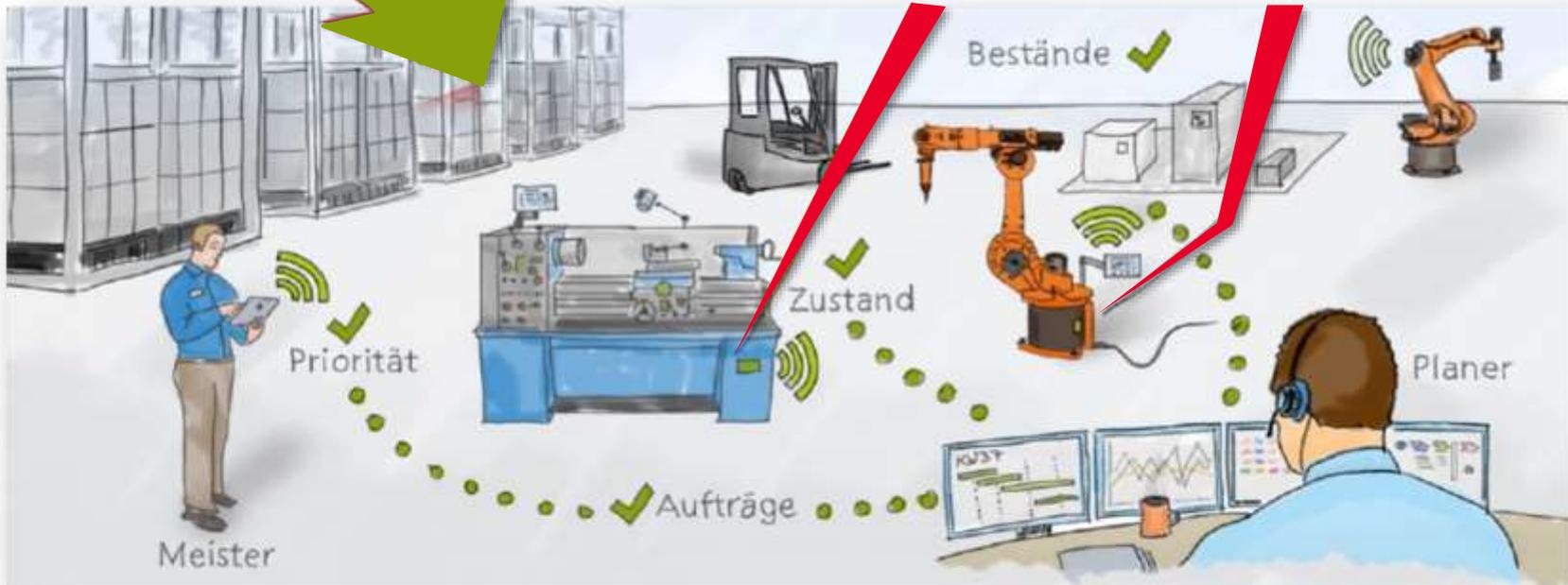




Industrie 4.0

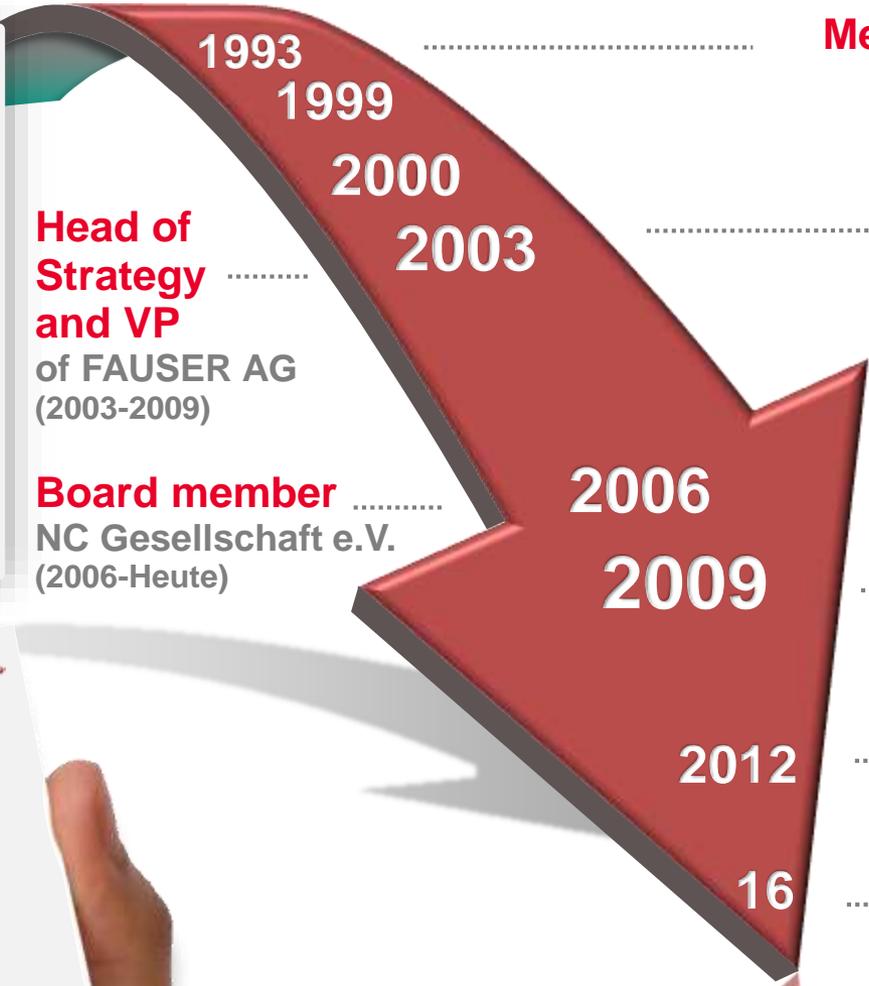


Leistungspräsentation Industrie 4.0 – Milano – 19.10.2016

Prof. Dr.-Ing. Joachim Berlak (President)



Prof. Dr.-Ing. Joachim Berlak



Mechanical Engineering
at TU Munich(1993-1999)

PhD / Researcher
Institute for Machine
Tools and Industrial
Management (*iwb*) at
TU Munich
(2000-2003)

**Head of
Strategy
and VP**
of FAUSER AG
(2003-2009)

Board member
NC Gesellschaft e.V.
(2006-Heute)

**2006
2009**

**Founder and
President**
..... software4production
GmbH in Munich
(2009-Today)

2012

Professor
..... IBA University
(2012-2016)

16

Professor
..... FOM University
(2016-Today)





Run-time: 04/2016-03/2019

Partners:



Focus of software4production:

Event-based production planning and control



Bundesministerium für Wirtschaft und Energie

Smart Service World: "Digital Agenda" "Hightech-Strategy" German Government 90 Mio. EUR 16 projects

openServ4P: Open intelligent services for production



Run-time: 06/2016 – 05/2019

Partners:



Bundesministerium für Bildung und Forschung

KMU Innovativ

Focus of software4production:

Co-operative planning services for make-to-order and make-to-stock in Industrie 4.0 environments

inMachine: Local intelligence and cross-linked planning to improve machine tools productivity

Profile

- Software manufacturer and solution provider for industry
- Innovative IT solutions: ERP-sub ↔ Stand-alone High-end ↔ Low-cost
- **Own ↔ partner business**
- Independent consulting
- R&D in Germany & Austria



Figures and Motivation

- Core team: 10
- Partner/OEM team: 245
- Locations: 3
- Local partners in China and USA
- **Focus: small & medium-sized firms**
- Customer worldwide: 120+
- Customers in Italy: Satisloh
- Motivation for IT partnering: sales↑

Partners



Unique Selling Points

- Technology: 100% Java
- DIN ISO 9001 quality
- **I4.0-Research & Dev.**
- Best-Practice-Knowhow
- **Scheduling experts**
- Consulting skills
- Customer service
- Flexibility & adaptivness

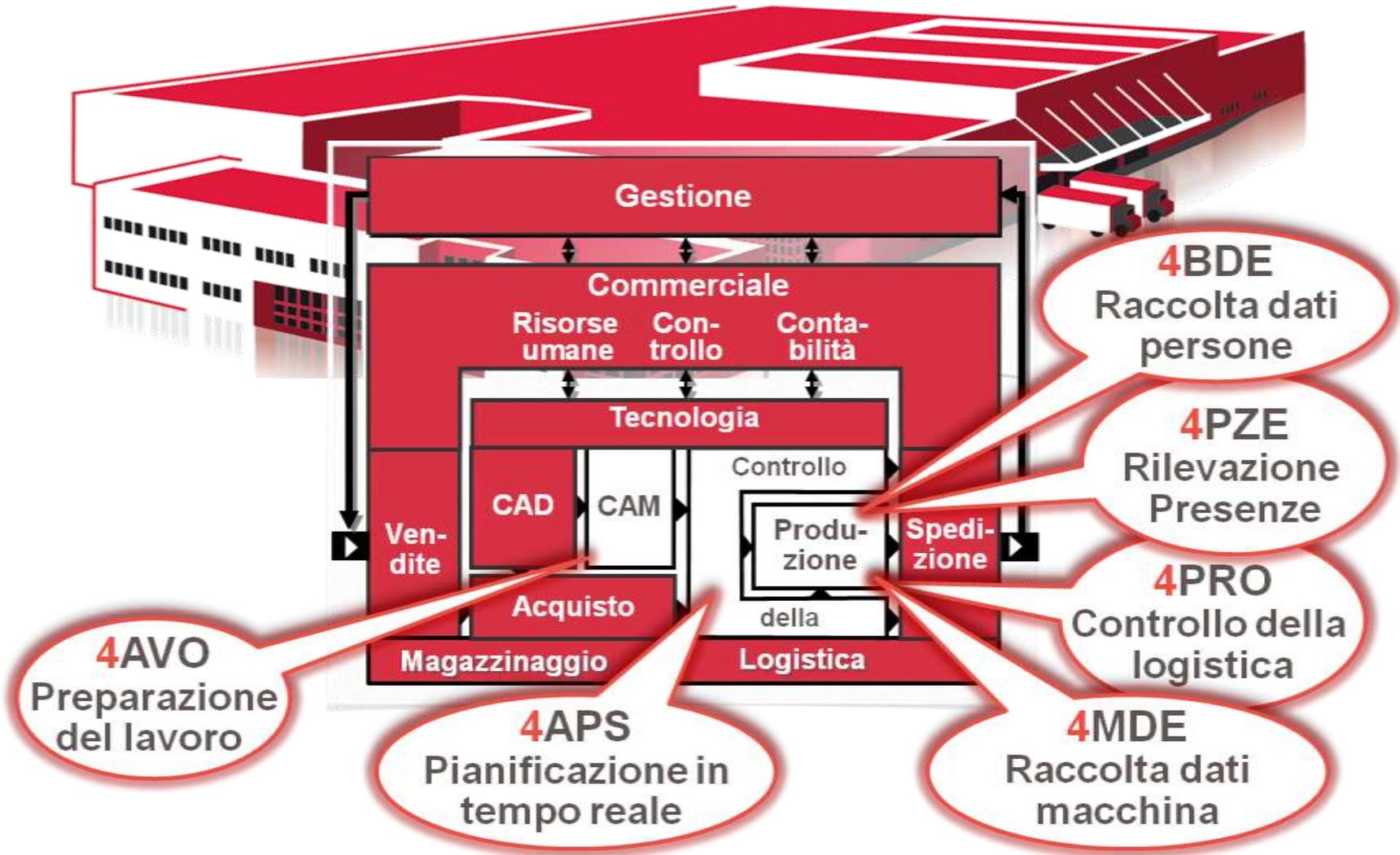


Awards



Customers





Satisloh MES powered by software4production



Satisloh AG

- Satisloh one of the leading machine manufacturers for ophthalmic and precision optics manufacturing, 1.200 employees, manufacturing locations in Germany & Italy
- Lab 4.0 and Satisloh MES is powered by software4production enabling smarter machines, intelligent automation and more productive labs.
- **Real-time data collection, scheduling, predictive maintenance and conveyor control**

Gaugler & Lutz OHG

- G&L is specialist for lightweight products and worlds biggest balsa wood processor
- Based in Aalen (Germany), G&L employs 280 employees working 24/7 on 140 workplaces from manual to 5-axis machine tools in Engineer-to-order, Make-to-Order and Make-to-Stock environments.
- Integrated with the Sage ERP, G&L uses software4production's **multi-resource real-time scheduling, shopfloor and machine data collection in order to handle 40.000 ops within two weeks horizon in real-time**



Contact details



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