

SMART FACTORY AUTOMATION



Outline



- Production Today
- AIV Material Management
- Secure IIOT Interfaces
- Benefits
- Summary
- Live Demonstration





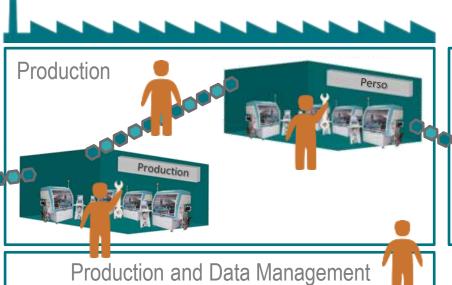
Production Today



Production Today - Workflow







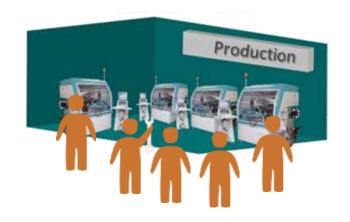




Production Today - Challenges



- Many manual and time consuming tasks
- Mistakes through paperwork
- Missing human resources
- Quality issues
- High storage capacities and costs







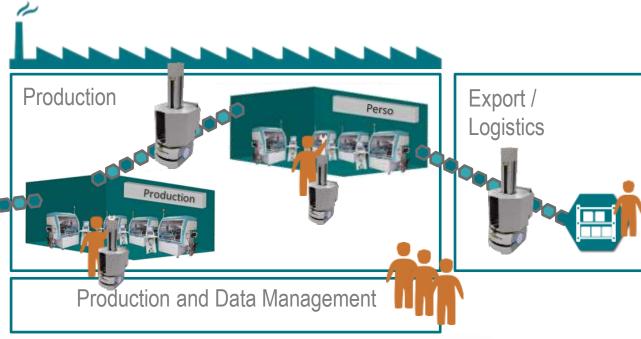
AIV Material Management



Smart Factory Workflow









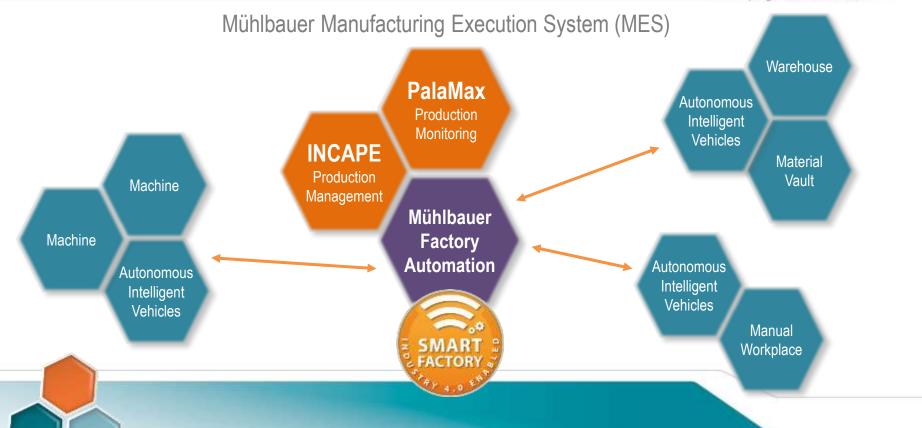


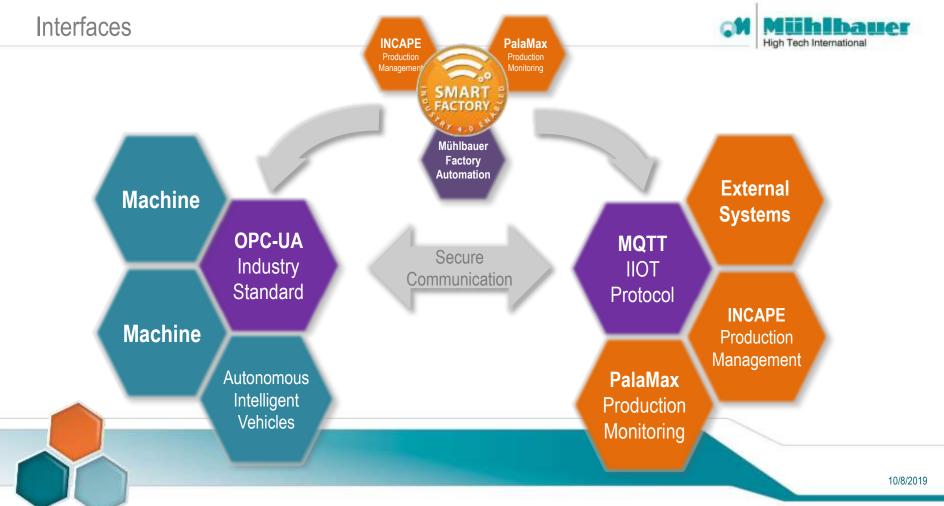
Automated Guided Vehicle	Autonomous Intelligent Vehicle
Costly & time-consuming to install	Can safely operate alongside people
Follow pre-programmed paths	No workspace retrofit required – rapid installation
Inflexible, and hard to reconfigure	Capable of planning alternate routes
Can't drive around obstacles and obstructions	Operate in very dynamic environments
	Work collaboratively in a fleet



Mühlbauer Smart Factory Automation







Features



Handling Payloads Customizable Workflows

Standalone or integrated operation

Scalable Fleet

Machine – Equipment Handling

Safety Standards Mühlbauer Solution Integration

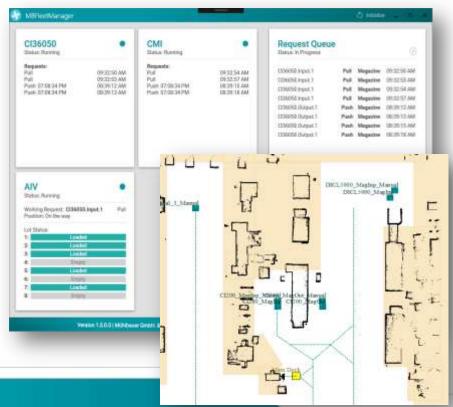
Long Lasting Batterie



Features



- Intelligent workflow planning
- Overview of workload and tasks
- Secure IIOT Interfaces
- Integration to Production Management and Monitoring
- Mobile application
- AIV path planning and map setup
- Secure areas, ideal transport paths







Benefits







Summary



Summary





Summary





Smart Factory touches all facets of a production and transforms the current way of manufacturing by inwenaveg the level of automweuse The intelligent use we provide luction data available provided with tec Domaincal advances in factIndustry mation facilitate everything from ustomer's reupport throughout recommendation facilitate everything from ustomer's reupport throughout recommendation. Knowledgearound times, locStandardstion with short maione handing distances and costheworlds.





Live Demonstration



Reliable Partner



- Confidence of governments & public authorities worldwide
- Trust and reliability our most important values
- Convincing by high speed, best quality & strict customer orientation

Planning, risk management, effective monitoring & support

Close partnerships with all stakeholders

YOUR TRUST IS OUR GREATEST MOTIVATION TO TURN EVERY CHALLENGE INTO A SUCCESS STORY.





THANK YOU FOR YOUR ATTENTION!

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