# Factory Automation vs. IT security BU Automation





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## **DIEFFENBACHER - presses and more**

Foundation:1873Headquarters:Eppingen, GermanyShareholders:100 % family ownedEmployees:1740 employeesTurnover:469 million EuroEquity ratio:> 30 %





# **DIEFFENBACHER - presses and more**

Complete production lines for the wood-based panel industry



Presses, lines and process technology for (carbon) fiber-reinforced plastics components and hybrid components





**IT security at industrial factory automation** 

# CONFIDENTIALITY

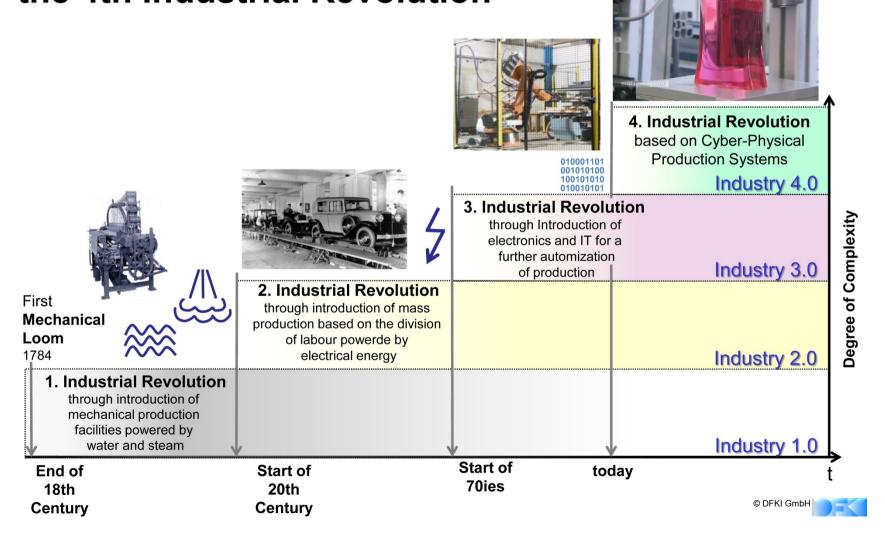
# **INTEGRITY**

# AVAILABILITY

Very often the productivity of the production line is the most important aspect

## What is Industry 4.0?

# From Industry 1.0 to Industry 4.0: Towards the 4th Industrial Revolution



DIEFFENBACHER

Industr



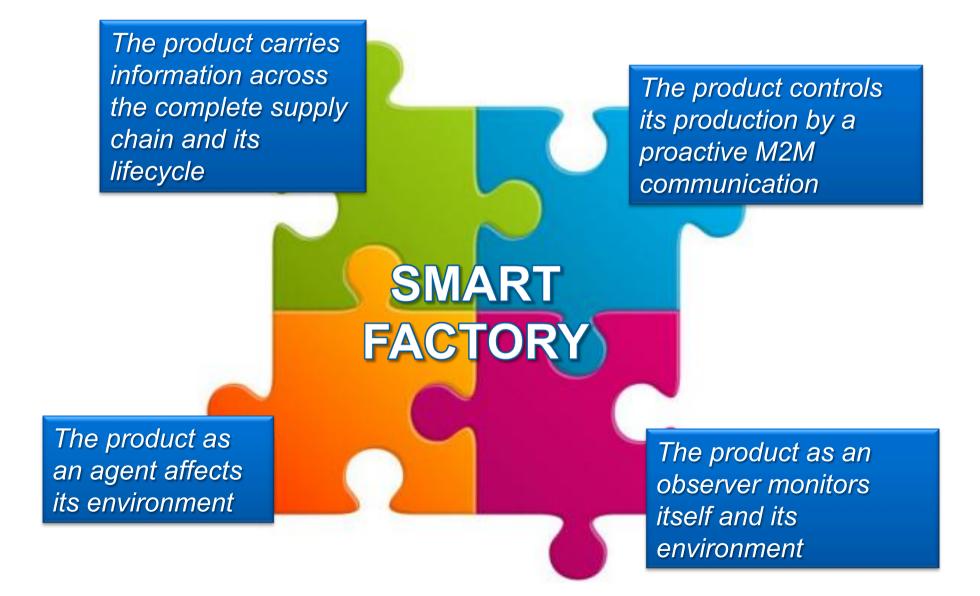
# What is Industry 4.0?







#### What is Industry 4.0 ? – Sample Statements !







# is based on **bidirectional**

# CONNECTIVITY

DIEFFENBACHER

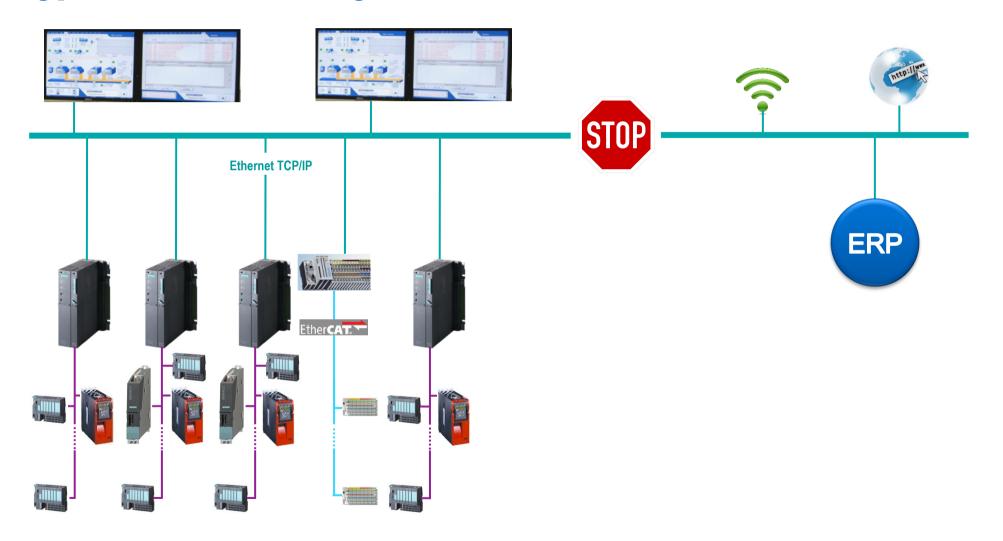
# **Typical automation system 1990**



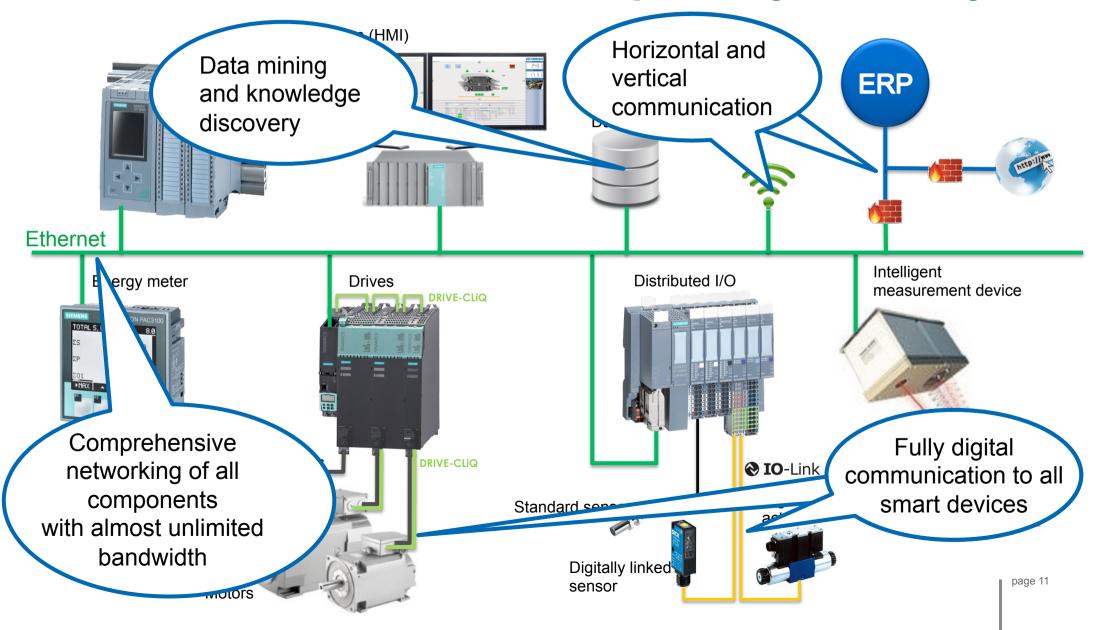
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# **Typical automation system 2010**

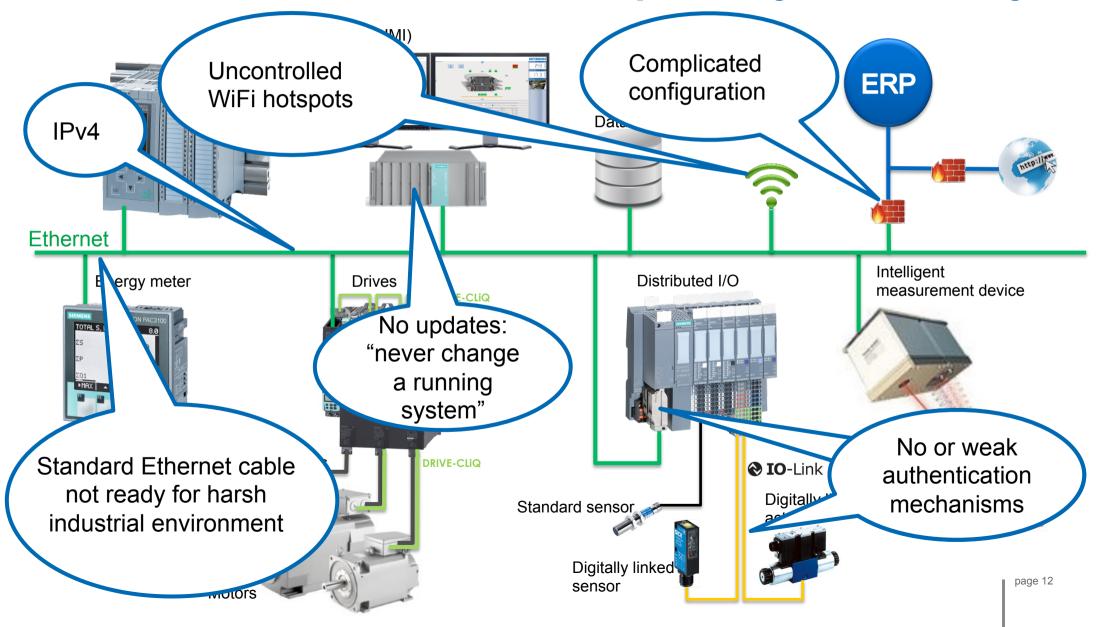


### **State-of-the-art automation concept – ready for Industry 4.0**



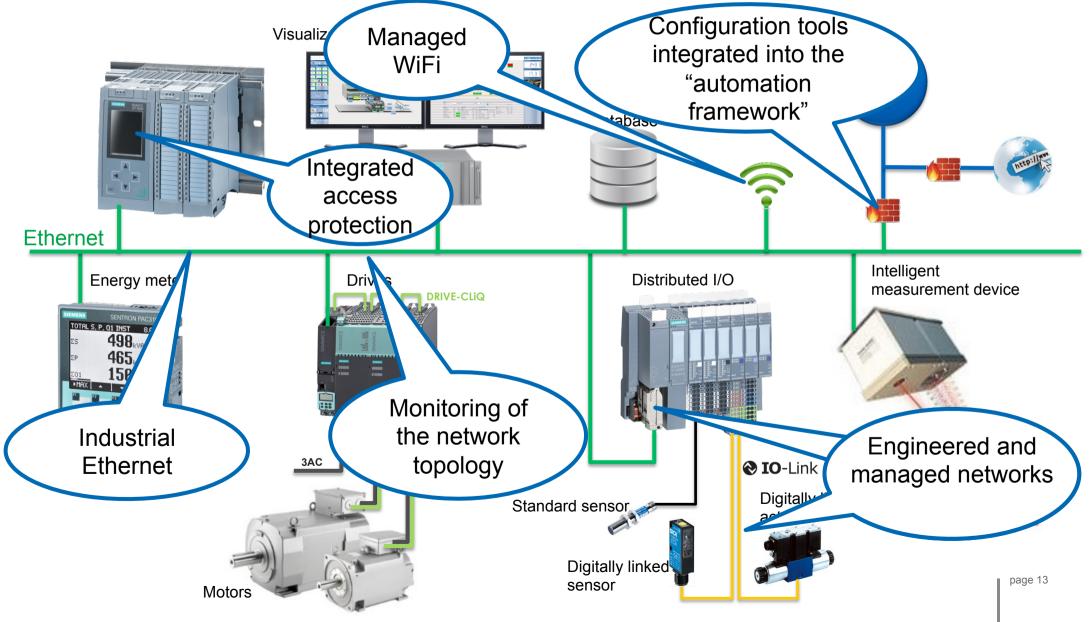
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#### **State-of-the-art automation concept – ready for IT security?**





### **IT** security at factory automation - concepts



# DIEFFENBACHER

Innovation is in our genes – since 1873



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