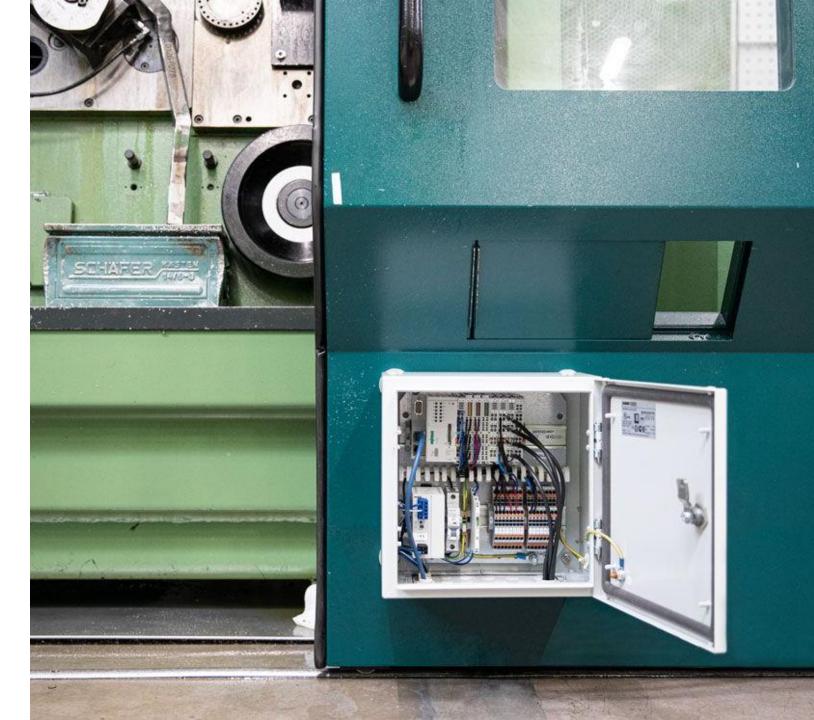


## Future Automation Topology





1. Connection OT/IT

**2.** Future Automation Topology

**3.** Containerization

**4.** Containerized application examples

**5.** Containerized application demonstrations



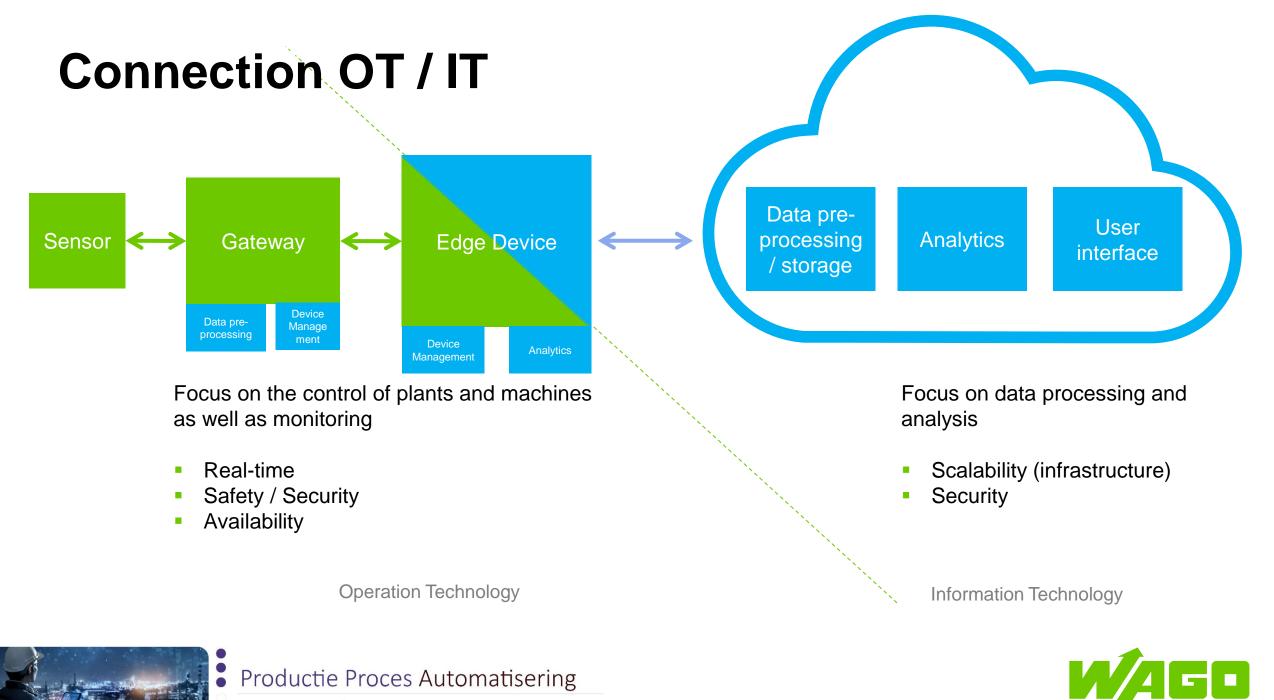
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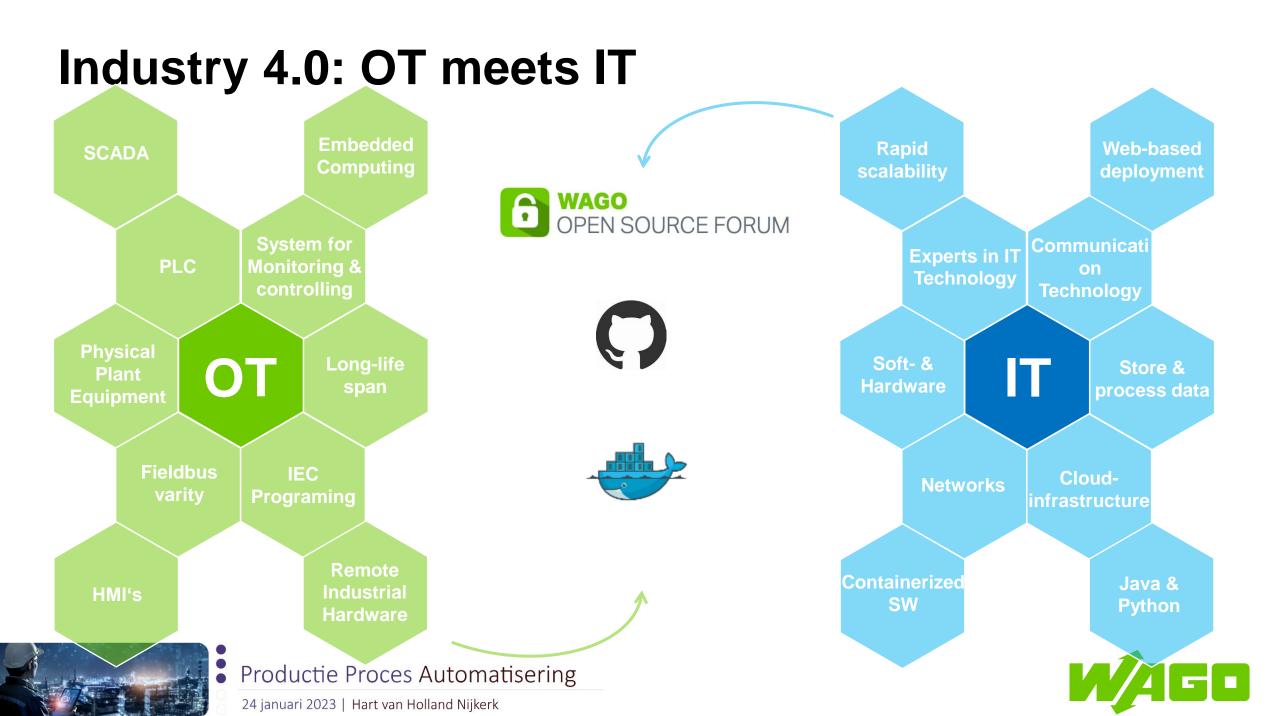
### **Connection OT/IT**









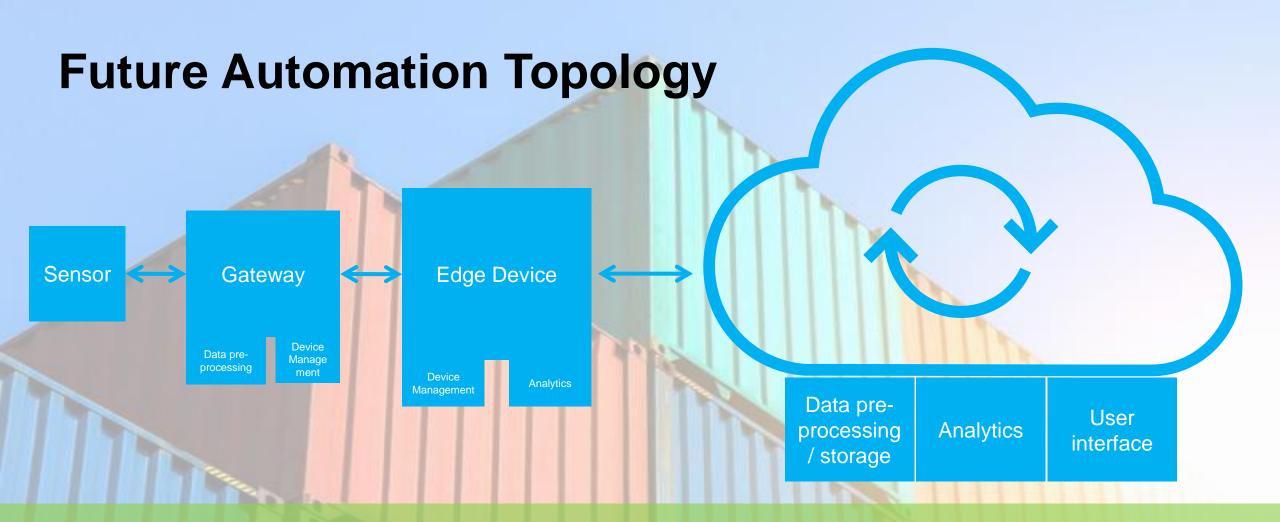


### Future Automation Topology





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#### **Operation Technology**

**Information Technology** 



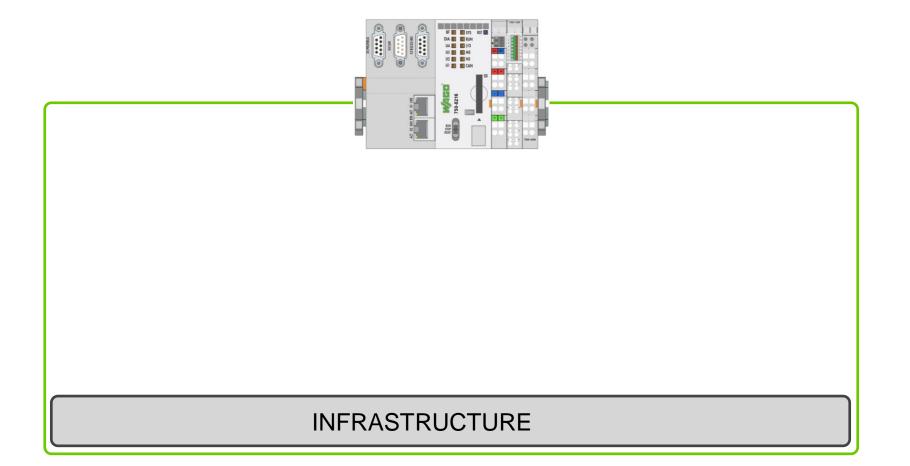
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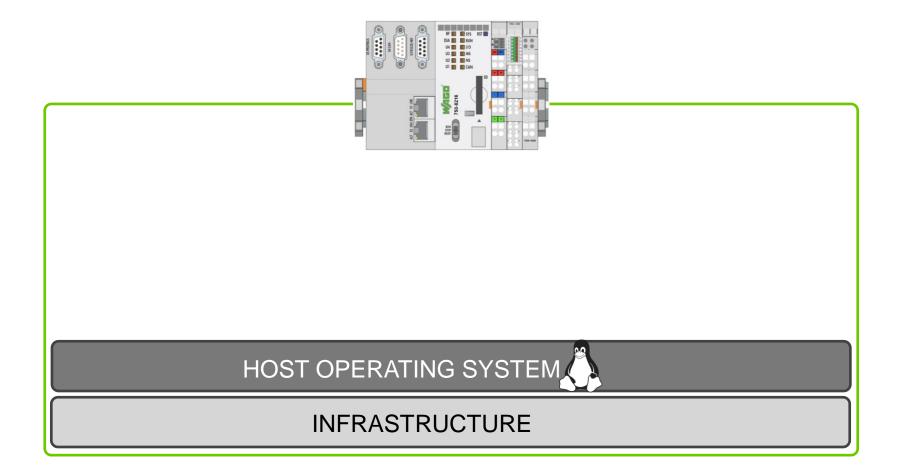
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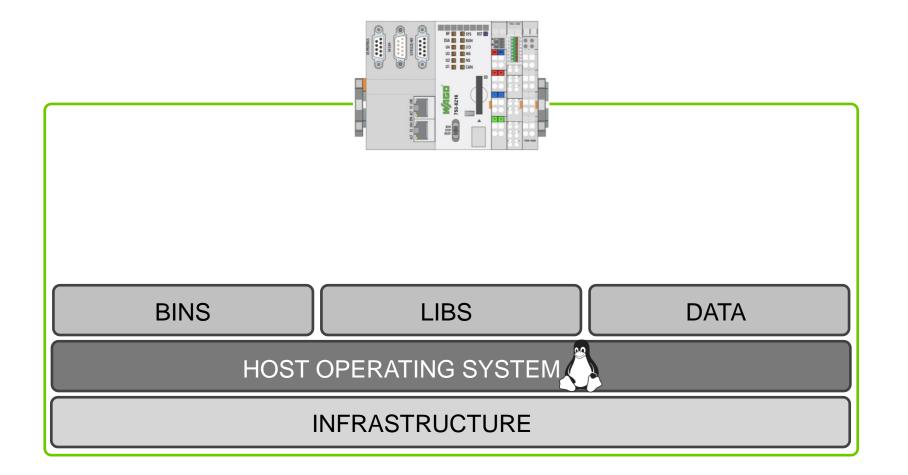






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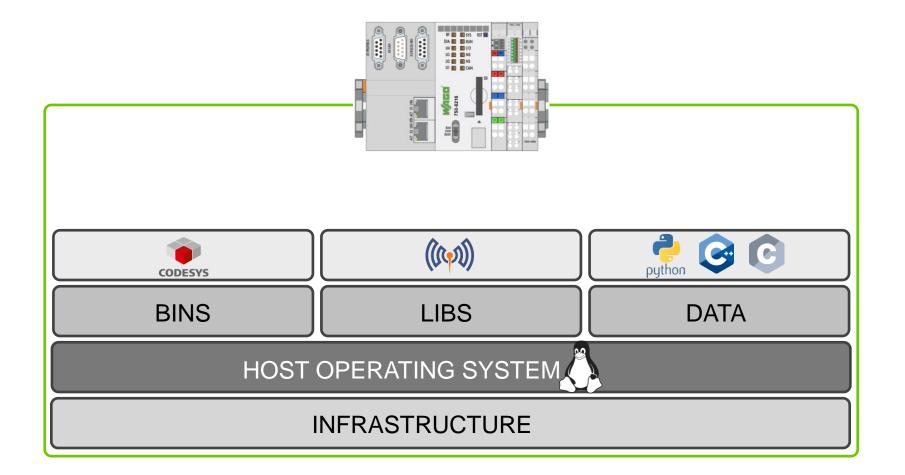






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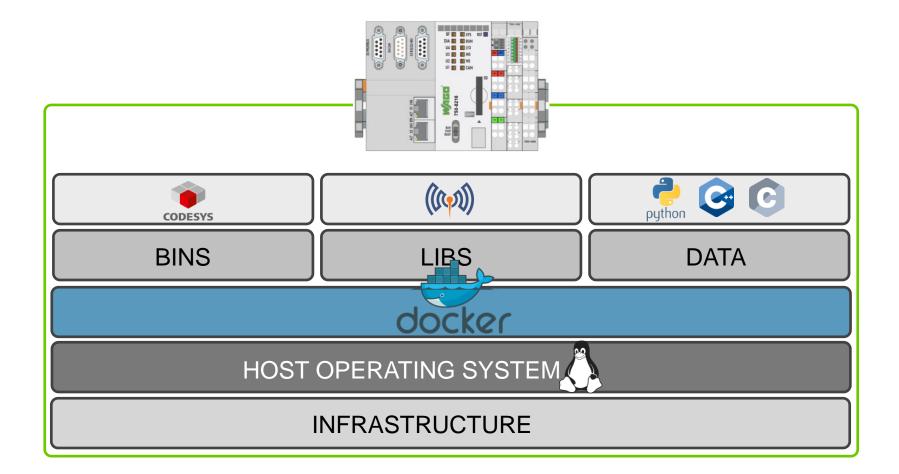






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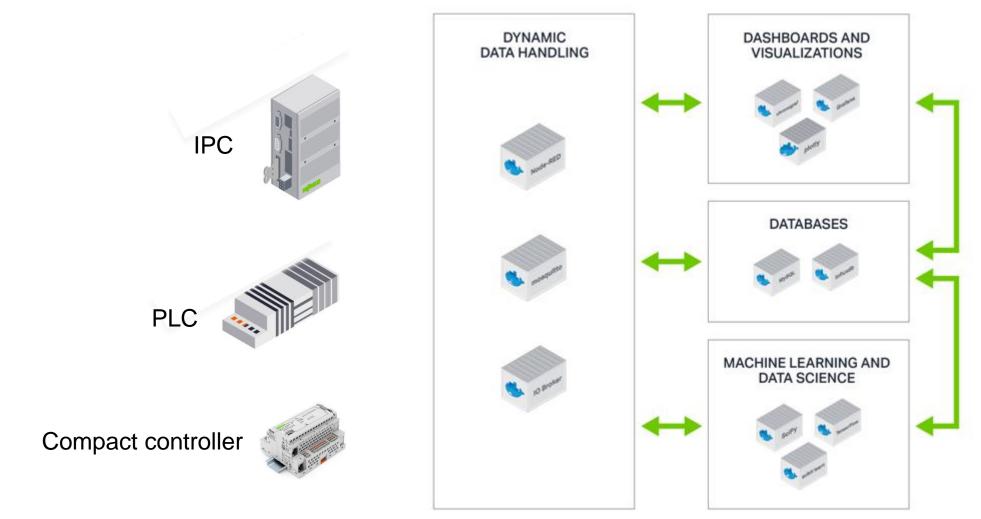






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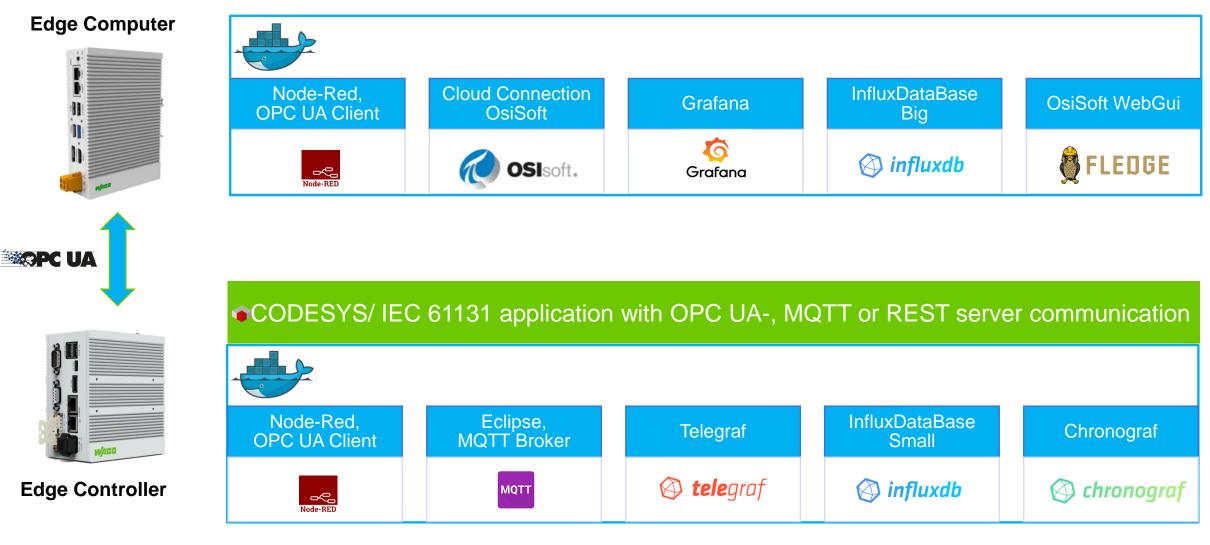
# Containerized application examples





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## **Containerized application examples**





### Productie Proces Automatisering



## Containerized application demonstration





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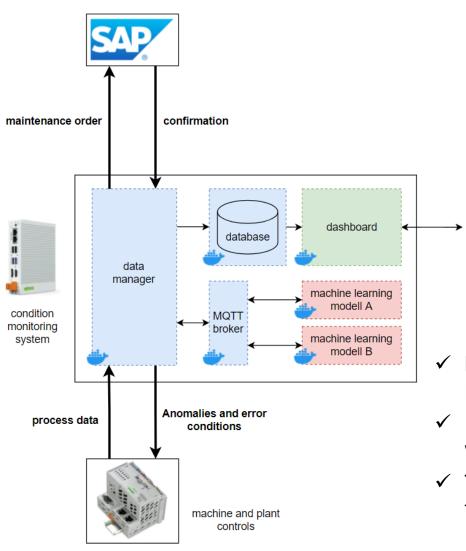
## Predictive maintenance application demonstration

### Connection to the plant management level

- Automated generation of maintenance orders based on the data analyses
- Confirmation of maintenance orders in SAP

**Connection to the control level** 

- ✓ Receiving process data from the control level
- ✓ Automated reporting of errors back to the control system in order to effect suitable actions (e.g. stop the plant)



 Modular design based on Docker containers

user

- Extensibility of the system with new ML models
- Transferability of the system to other plants





### Productie Proces Automatisering

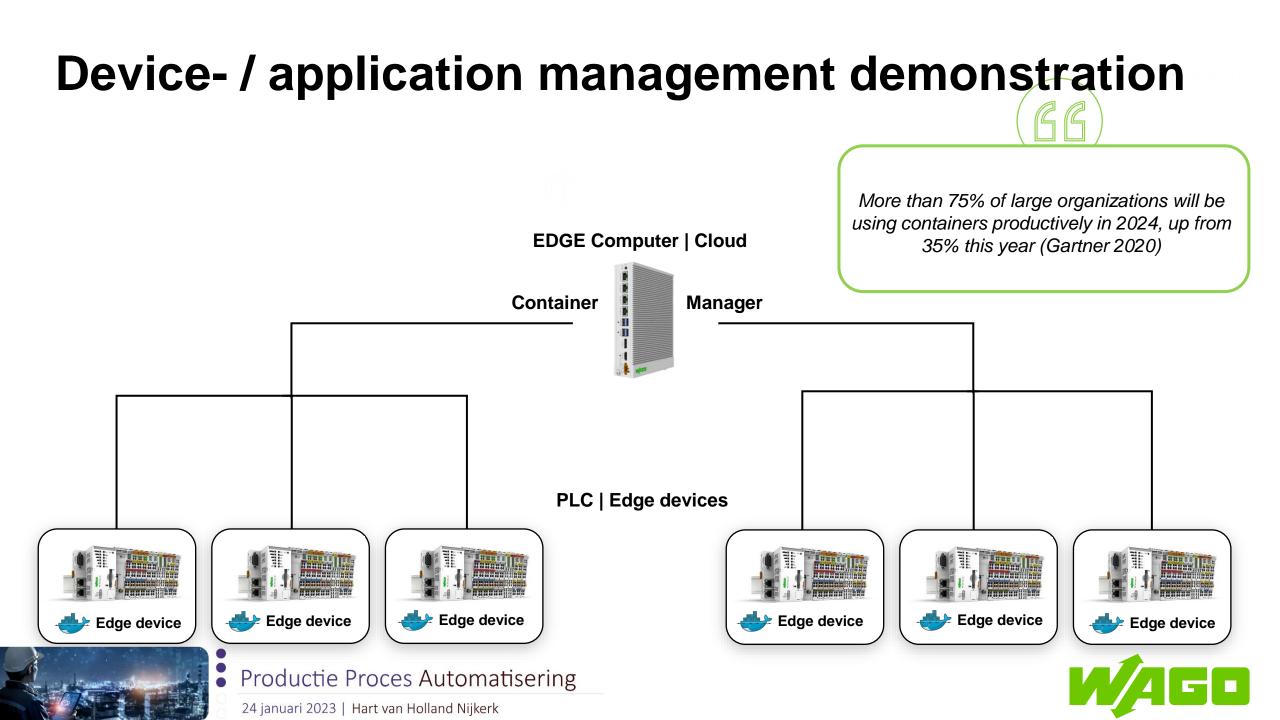
### **Predictive maintenance application demonstration**



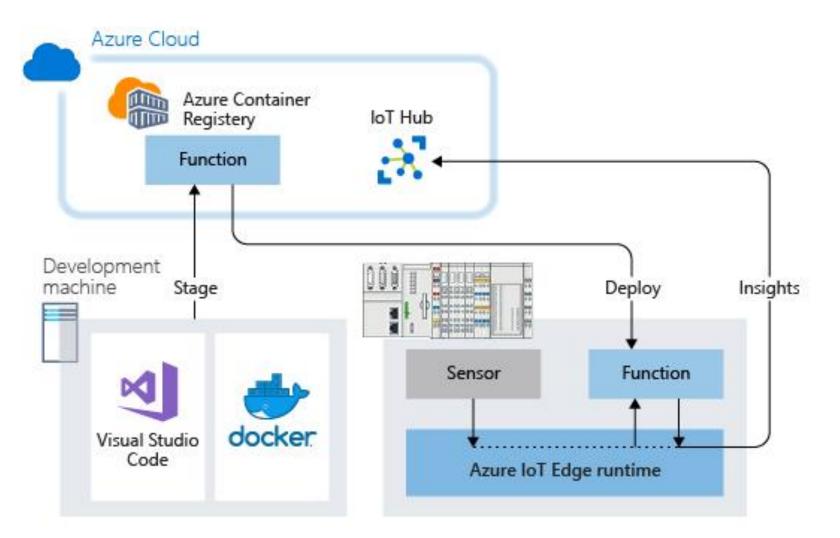


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## **Device- / application management demonstration**





#### Productie Proces Automatisering



### **Device- / application management demonstration**





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