



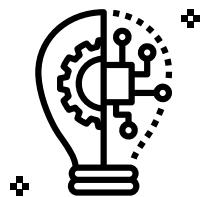
**FCTRY CLD**  
local. secure. real-time.

# Your benefits



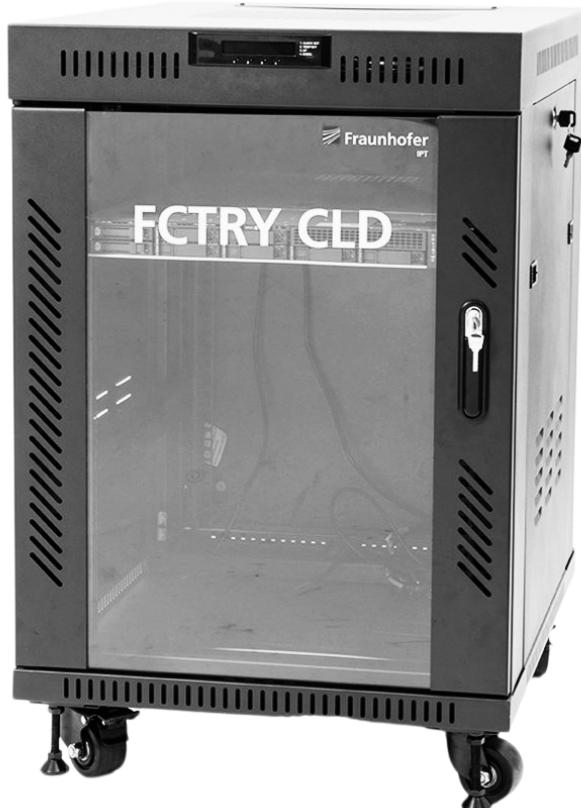
## Cost reduction

- Reduction of IT costs
- Reduction of hardware



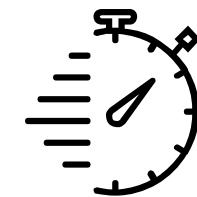
## Innovation per click

- New solutions
- Fast scalability



## One infrastructure

- Cyber security
- Easy maintenance



## Increase efficiency

- Automation, CI/CD
- Containerization

# FCTRY CLD Ecosystem



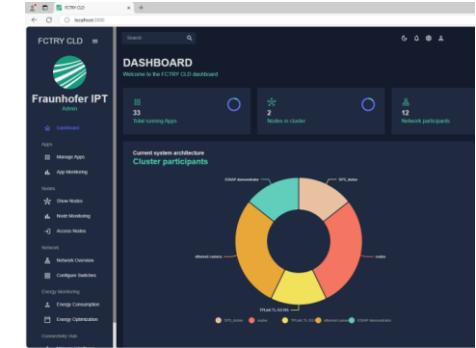
## FCTRY EDGE

- Cloud in the box - Scalable down to an industrial PC.
- FCTRY CLD software stack.
- Easy integration in machines.
- Critical control tasks.



## FCTRY CLD

- One solution providing Software and Hardware.
- Real-Time Kubernetes for scalability and reliability.
- TSN-Data Hub for deterministic communication.
- Integration, Service and Maintenance covered.
- Extendable hardware for your demands.



## FCTRY APPS

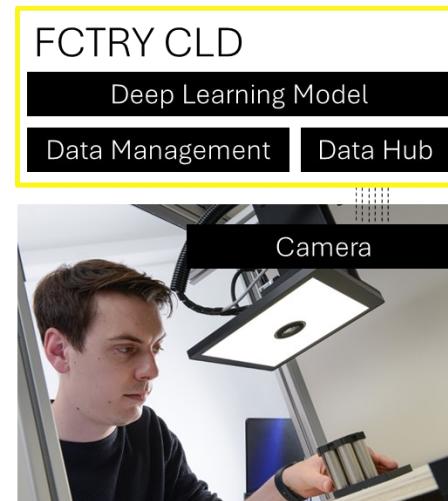
- Easy start to build a smart factory.
- First apps ready, including industrial AI tools and virtual PLCs.
- Marketplace for third party applications.
- Easy access to new customers for app developers.

# Example use cases



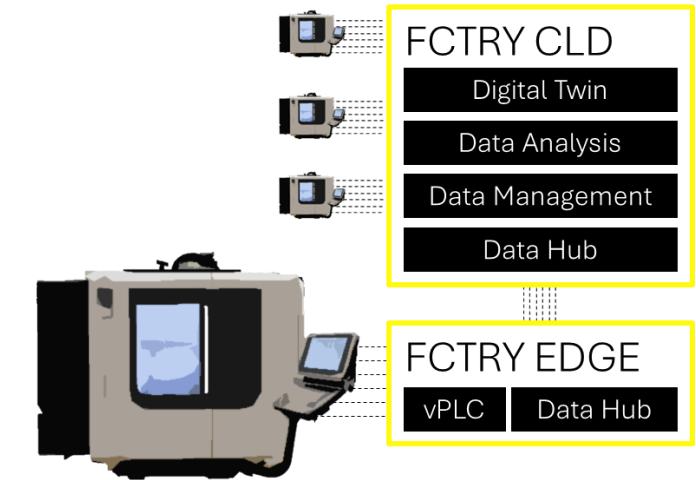
## Predictive maintenance

To reduce downtimes and maintenance costs of ventilation systems, vibration sensors were connected to the FCTRY CLD which stored and analyzed the data enabling predictive maintenance of a paint shop. For the analysis AI models have been trained and used on the CLD.



## Quality control

To reduce the number of defective parts in a battery cell production, a camera-based inspection of the weld seams on the battery cell has been implemented. The FCTRY CLD is used for fast evaluation of the camera data stream on-premise, and the feed-back to the machines and operators.



## Reduction of downtime

For a unified hardware infrastructure and simple device management on an industrial shopfloor, virtual PLCs have been deployed on the FCTRY EDGE and FCTRY CLD under real-time conditions. This enables unified updates, enabling shorter development cycles, reducing costs for IT.

We help production companies to run a smart factory without  
becoming an IT company.

Let's shape the future of  
industrial automation!

**FCTRY CLD**  
local. secure. real-time.



**Pierre E. Kehl**  
CEO



**Talib Sankal**  
CTO

