



FCTRY CLD

local. secure. real-time.

Your benefits



Cost reduction

- Reduction of IT costs
- Reduction of hardware



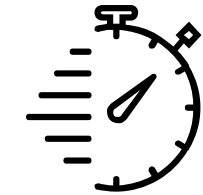
Innovation per click

- New solutions
- Fast scalability



One infrastructure

- Cyber security
- Easy maintenance



Increase efficiency

- Automation, CI/CD
- Containerization

FCTRY CLD Ecosystem



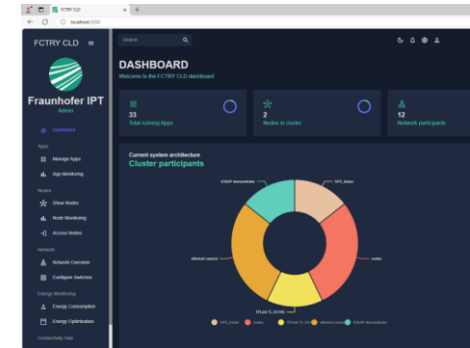
FCTRY EDGE

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



FCTRY CLD

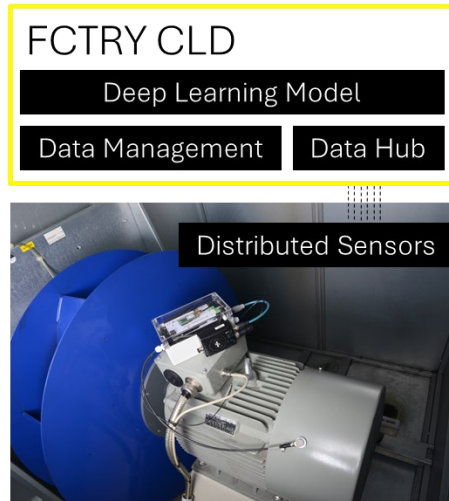
- One solution providing Software and Hardware.
- Real-Time Kubernetes for scalability and reliability.
- TSN-Data Hub for deterministic communication.
- Integration, Service and Maintenance covered.
- Extendable hardware for your demands.



FCTRY APPS

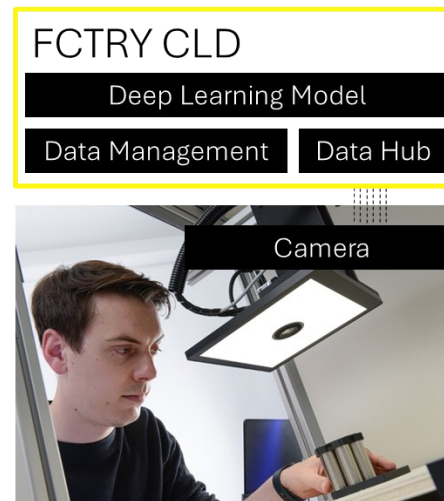
- Easy start to build a smart factory.
- First apps ready, including industrial AI tools and virtual PLCs.
- Marketplace for third party applications.
- Easy access to new customers for app developers.

Example use cases



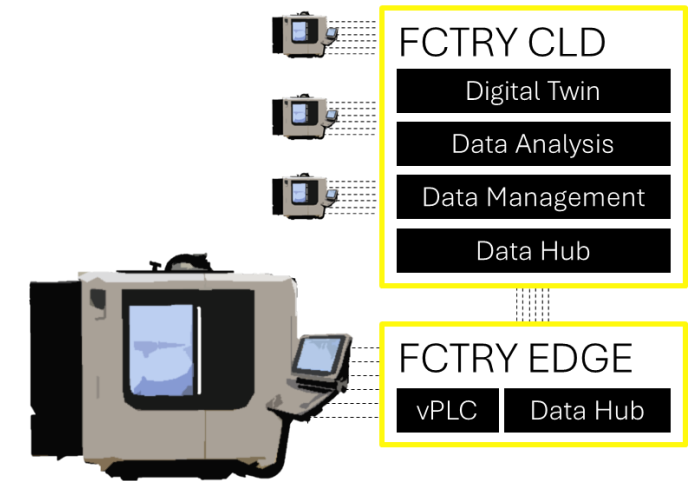
Predictive maintenance

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!

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Pierre E. Kehl
CEO



Talib Sankal
CTO

