



HumanOS™ SmartGateway

Smart Industrial Machines empowered by CyberTech Engineering

Partnership - Our most important Relationships

To be always at the top of the technology for you, we work close with our partners in the field of Research & Development. Only in that way we can develop the most efficient and most profitable solutions for you.

Our customers are our partners! Do you need a new plugin to connect your machines or do you have a special use case that you want to tackle? We support you with all your projects and realize them with you!

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“The world needs a change towards greater sustainability and integral solutions”

Ph. D. Benjamin Hadorn, CyberTech Engineering GmbH



With HumanOS™ Smart Gateway you are able to integrate your machines for low cost into your ERP / MES environment



Swiss Innovation - Swiss Quality Product



Our Vision

Machine is learning from Human
Human is learning from Machine

HUMANOS™ - HUMAN MACHINE COLLABORATION

Are you ready for the digitalization of the Industry? CyberTech Engineering offers you leading technologies and products for your smart factory.

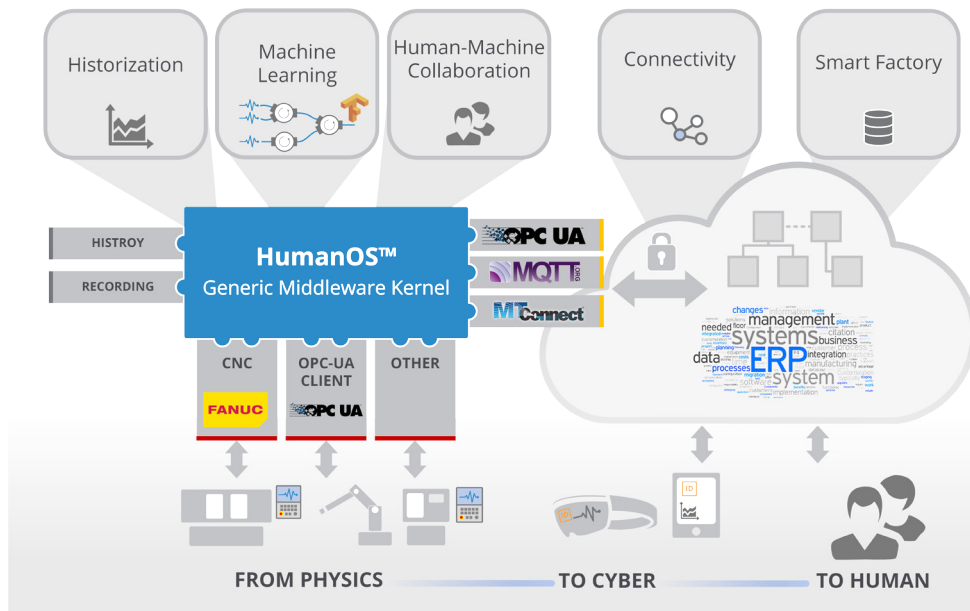
HumanOS™ accompany you on the way to modern technology and future business models like **smart manufacturing**, **predictive maintenance** and other applications in context to the Industry 4.0.

Evaluate the rentability and effective costs of your machines with HumanOS™ and work out more precise offers for your customers.

Your Benefits and Advantages

- Adaptive kernel with the ability to learn
- More precise Offers than your competitors
- Real time operating condition monitoring
- One platform for all your different machines
- Integrated data correlation
- Predictive Maintenance
- Rentability-calculating of your machines

HumanOS™ can be adapt very easy to your needs - just tell us what you need, and we do the rest for you!



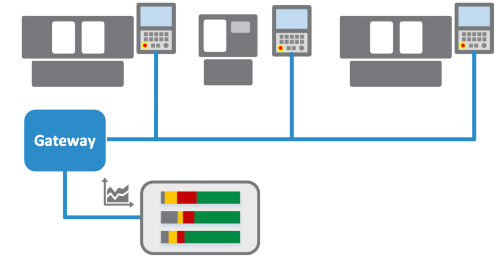
Features for FANUC Controls

- Comprehensive OPC-UA Server
- Integrated data correlation
- Connectivity for old and new machines
- High performance data access
- Connectivity over HSSB or Ethernet



Middleware Applications

- Interface for HMI
- Intelligent tool administration
- Gateway for dashboards
- MDE connectivity to MES / ERP

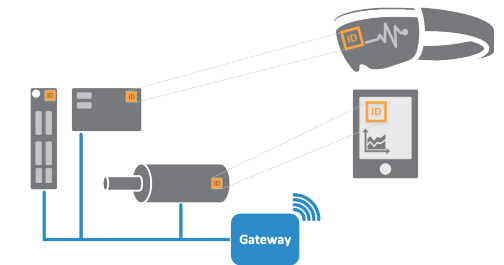


Smart Factory Applications

- Gateway for modern control systems (factory controls)
- Building generic information models for MES / ERP

Predictive Maintenance

- Status identification of the machines or modules
- Realtime Data direct on the HoloLens or the Tablet
- Machines without control panel



Controller	DataAccess	Alarms & Conditions	History Access	Commands	Programm Access
FANUC	✓	✓	✓	✓	✓
ANDRON	✓	✓	✓	✓	✓
OPC-UA	✓	✓	✓	✓	✓
BECKHOFF	✓	✗	✓	✗	✗
NUM	✓	✓	✓	✓	✓