

EASILY RETROFITTED CONDITION MONITORING FOR YOUR DIGITAL FACTORY

## HARDWARE SUITABLE FOR IIOT PROJECTS

Our high-performance hardware is specifically tailored to the requirements of the industrial sector. All devices can be combined via plug & play and fit into almost any control cabinet due to their slim design.

### IN.HUB STANDARD IIOT GATEWAYS

FOR THE ACQUISITION, PROCESSING AND STORAGE OF DATA



All standard  
on board  
interfaces

#### APPLICATIONS

Continuous real-time **monitoring** of machine and operating parameters:

- Real-time **productivity evaluation**
- Predictive **service** and **maintenance**
- Remote access and **remote monitoring**
- **Limit-value and trend monitoring** with alarms via SMS or email

#### FEATURES

- **Bidirectional connection** with IT systems such as MES, ERP, DMS, cloud and simple data-based systems
- Up to 7 GB data storage
- Data processing and analysis **directly in the gateway**
- Data evaluation directly in the gateway using powerful processors (CPU)
- **Analog and digital interfaces**, OPC-UA, MQTT, Modbus RTU, Modbus TCP/IP and many more

### ADD-ON MODULE

FOR THE TARGETED MONITORING OF SEPARATE MEASURANDS



Plug & play  
extensions  
for any  
application

#### APPLICATIONS

For early detection of anomalies such as **wear and failure**:

- Measurement of power pattern and energy management
- Vibration and oscillation analysis

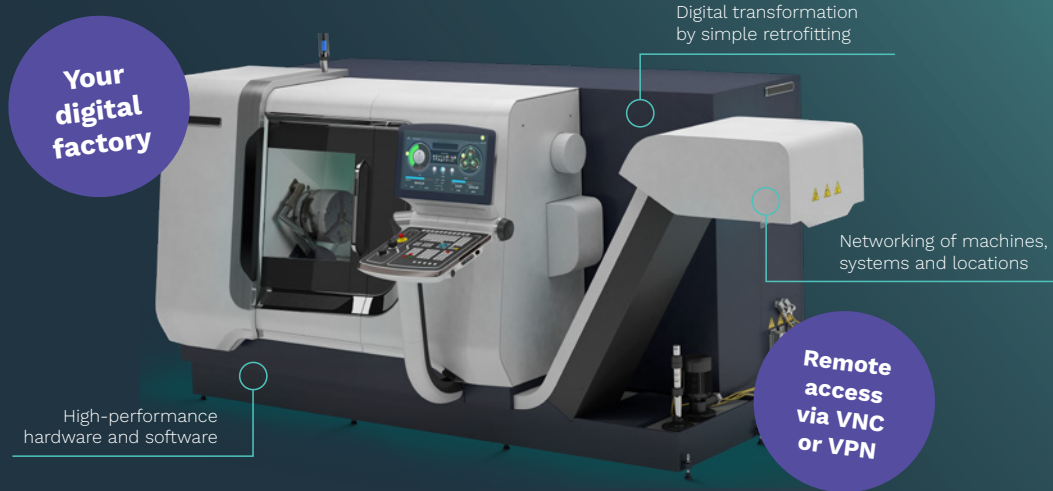
#### FEATURES

Useable in combination with in.hub devices or as a **vendor-independent, stand-alone solution**

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## CONDITION MONITORING AND RETROFITTING

AT SYSTEM, MACHINE AND PROCESS LEVEL



make it. simple. plug & play.