

# UP! Insight

Fleet diagnostics &  
real-time operational analytics





## UP! Insight

### A data-driven approach to compressor efficiency and uptime

With fleet diagnostics & real-time operational analytics, UP! Insight optimizes compressor monitoring to ensure peak reliability and availability. Operation-critical damage can also be avoided, and maintenance measures can be planned more efficiently.

#### Key features included:

**Real-time monitoring & cloud-based access:** With an intuitive monitoring suite you can analyze all available compressor real-time data, such as pressure, temperature, or vibration – anytime and anywhere.

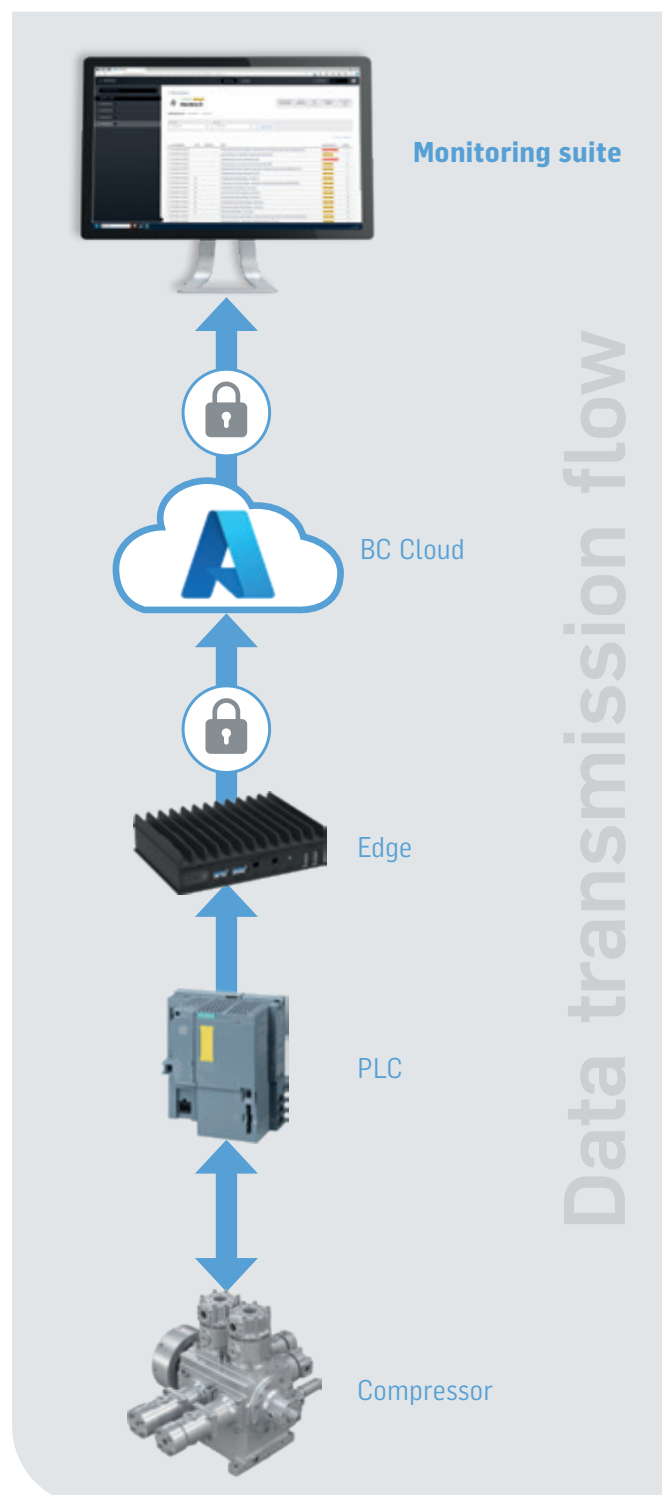
**Smart analytics for fleet-wide comparison:** Compare data across your entire fleet for analysis and optimization in a user-friendly trend view.

**Operational statistics:** View the most relevant KPIs, identify compressor inefficiencies and eliminate them before any damage occurs.

**Alarm notifications:** Enjoy easy threshold setting and monitoring via instant email notifications for all ongoing alarms with automated action recommendations.

# Connection and cybersecurity

Stay connected and in control



The prerequisite to use UP! Insight is a cloud connection for continuous data updates, keeping operations smooth and efficient.

In case of disconnection to the internet, PROGNOST®-Edge provides up to 3 months of data storage.

The platform has been developed in accordance with the IEC 62443-4-1 certified product development lifecycle and is currently undergoing IEC 62443-4-2 certification to ensure the highest security standards.

The solution enables only outbound connections and features a specially secured and configured operating system, along with a defense-in-depth design that provides multi-layered security measures.

**Cybersecurity and data's safety is a top priority for Burckhardt Compression.**

# PROGNOST®-Edge

## Your link to optimize your compressor

The PROGNOST®-Edge is an integral part of UP! Insight. It acts as a data collector, gathering vital compressor data in real-time and transmitting it to the cloud for analysis.

Connect to the cloud with the pre-installed PROGNOST®-Edge for real-time data and proactive service. Our dedicated Burckhardt Compression customer support team will guide you through the seamless integration process.

### Technical features:

- Collects data from PLC over OPC UA (client)
- Sends aggregated data to Azure IoT Hub
- TLS encrypted data transfer outgoing only (port 443)
- Passively cooled IPC
- DIN rail mounted
- Intel x6425E processor (4x 2GHz)
- 16 GB RAM, 256GB SSD storage
- Ambient temperature range: -20°C .. +50 °C



# How to activate UP! Insight

And for which compressor types

## Process for customer



### Connect

Connect the pre-installed edge device from Burckhardt Compression to the internet.



### Configure

Our internal team will remotely then start the configuration for your software.



### Start

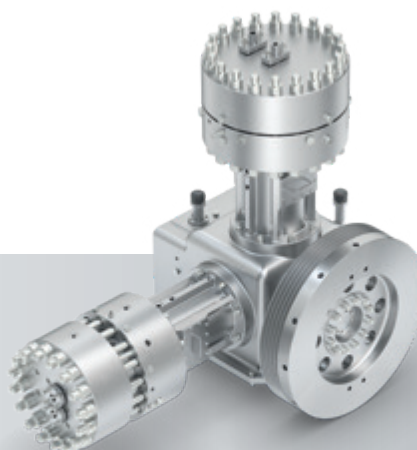
Onboarding to the monitoring solution UP! Insight.



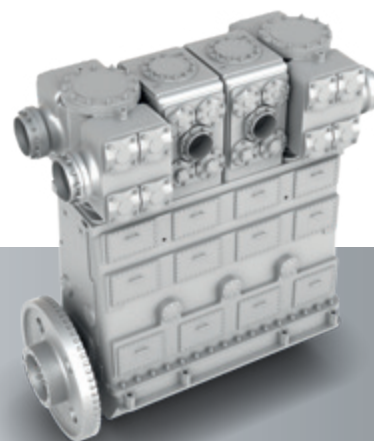
### Benefit

Continuous support from our team if any question should arise in the future.

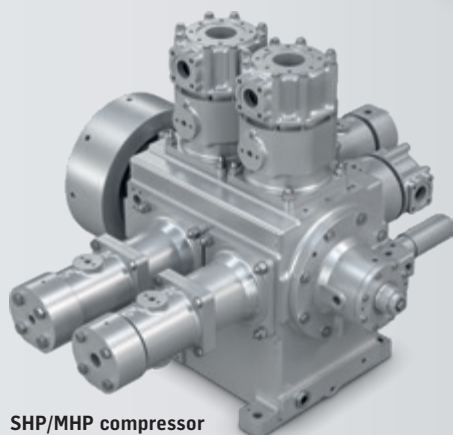
Available for these  
compressor types



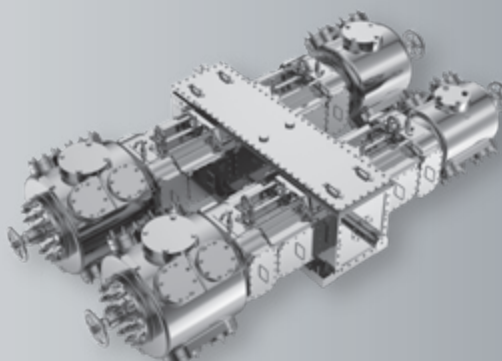
Diaphragm compressor (MD10)



Laby® compressor



SHP/MHP compressor



Fully balanced compressor



## 24/7 customer support

Always here for you – our customer support team

Need a helping hand? Our Burckhardt Compression support team is available around the clock, ready to tap into your compressor's real-time data and help resolve any issues swiftly.

Our dedicated hotline is always on standby, providing you with efficient assistance whenever and wherever you need it. By accessing your compressor's real-time data, we ensure quick and effective issue resolution, keeping your operations smooth.

Beyond our hotline, we're excited to offer two more services designed to boost your compressor's uptime and efficiency:

- **Alarm forwarding:** Get immediate alerts for any issues, allowing for prompt action.
- **Regular reporting:** Receive insightful quarterly or yearly reports, helping you stay informed and ahead.

With UP! Insight, you're equipped for success with continuous support and advanced services.

# UP! Solutions

## Data and people for your compressor success

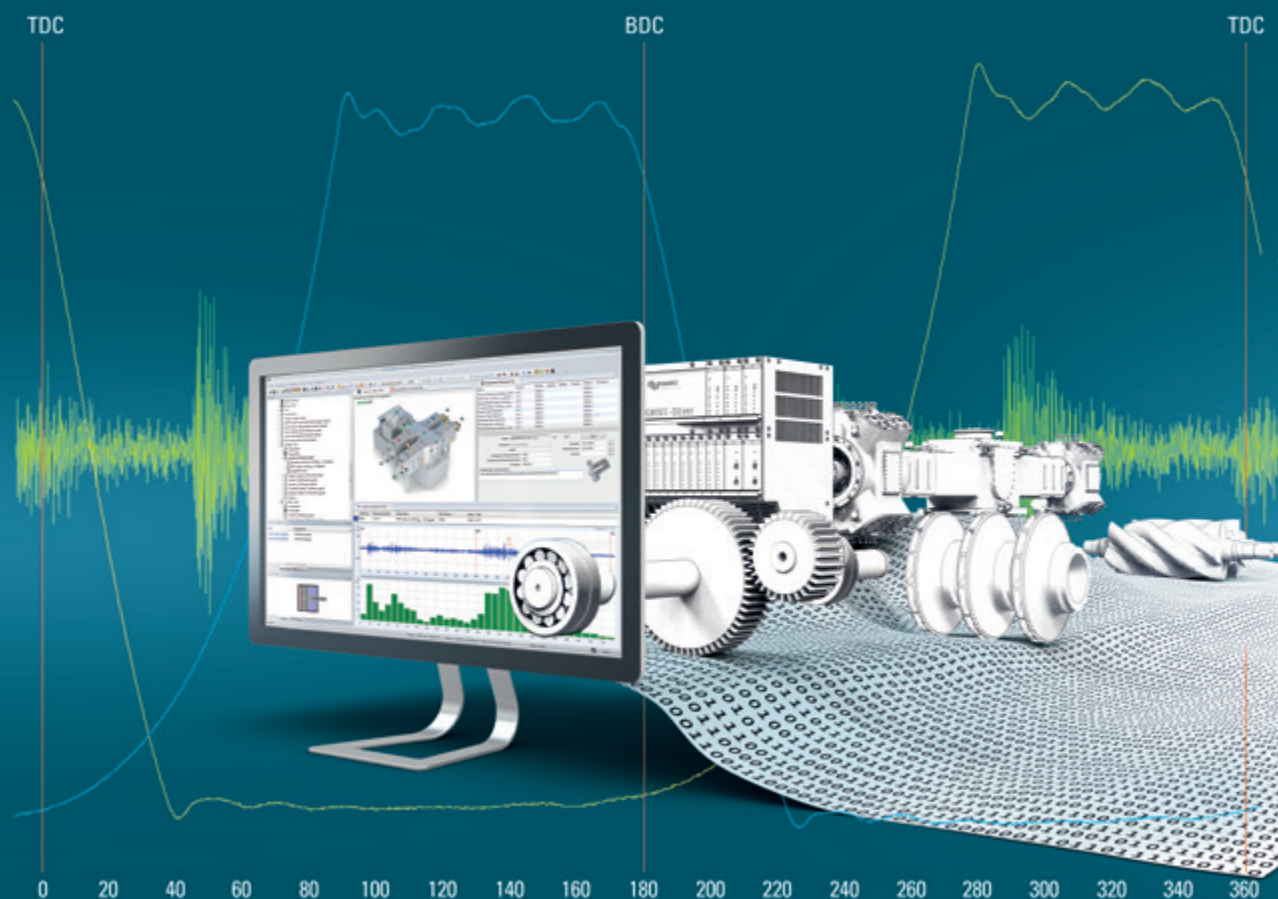
Combining leading compressor knowledge and monitoring expertise through Burckhardt Compression, UP! Solutions is setting new levels in asset management optimization.

UP! Solutions are boosting the performance, reliability, and efficiency of your rotating equipment.

By collecting and analyzing operational values such as pressure, position, vibration, or temperature UP! Solutions not only optimize efficiency and maintenance, but also detect anomalies and failures before they escalate.

Enjoy the benefits of maximized uptime and significant cost savings with a range of digital products designed by the industry experts to enable the optimal operation of reciprocating equipment.

Embrace the future of productivity with Burckhardt Compression digital technologies.



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