

## Machine Condition Monitoring for elevators.

Intelligent solution for more efficiency.

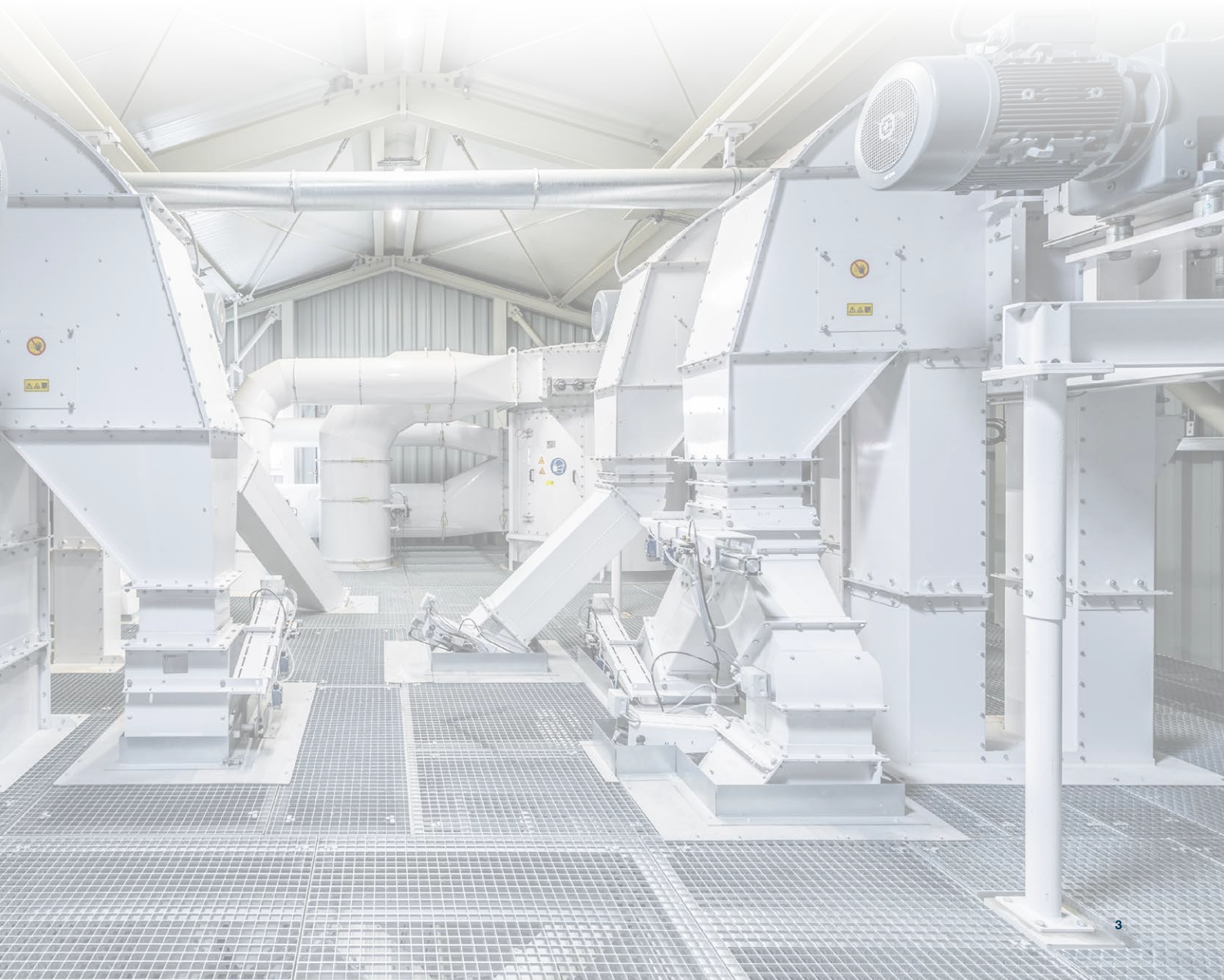
<b>React before you have to act</b>	<b>3</b>
<b>Intelligent maintenance</b>	<b>4</b>
<b>Are you familiar with this problem?</b>	<b>6</b>
<b>Our service</b>	<b>8</b>



# React before you have to act. Machine Condition Monitoring.

If you have an elevator in your grain plant, you definitely know that a failure has far-reaching consequences. Especially if this failure occurs during ongoing operation. With our digital service Machine Condition Monitoring, you're a step ahead when it comes to maintenance.

Machine Condition Monitoring impresses with numerous sensors in the plant. Warning and alarm indicators make it possible to predict and optimize your maintenance processes. This allows you to recognize at an early stage when a failure is possible and to maintain the system before the failure occurs. Using the monitoring parameters of the Machine Condition Monitoring, you reduce repair costs and optimize your utilization.



# Intelligent maintenance.

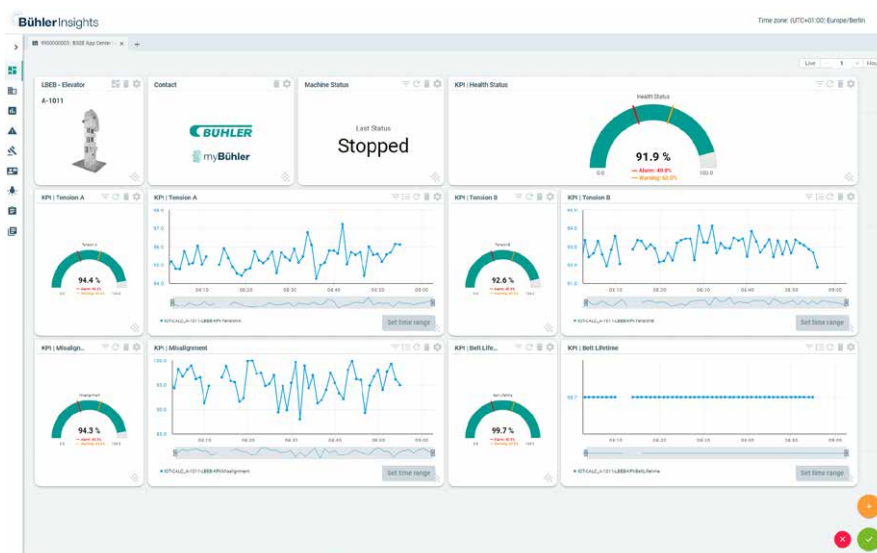
## Machine Condition Monitoring.


The intelligent solution for an efficient and sustainable operation, which helps to make your system more digital and fail-safe.

The service for monitoring the machine condition is Bühler's latest digital innovation. It was developed to be able to monitor a machine's status – anywhere and anytime. Process data of a system's conveyor, preparation and aspiration technology is measured and recorded to gain an overview of a machine's health condition.

Alarms and warning displays give the customer the opportunity to see a machine's maintenance needs and to optimize maintenance processes accordingly. Data-based analyses make it possible to draw quick conclusions and respond immediately. This saves maintenance costs and extends a machine's service life. Make optimal use of your Machine Condition Monitoring and use your elevator's key figures.

We have also developed a dashboard that allows you to monitor the conditions of your machines anywhere and anytime so you can leave the control room to monitor entire systems at other locations or even in other countries. The dashboard gives you an overview of the entire system operation and the drill down feature allows you to check the status of every individual machine. You are shown the history of the machine status over time until the next maintenance. You can also set machine-specific alarms, which are returned as push notifications if problems occur.



- 
- Extend your machines' life cycles
  - Save on personnel costs by eliminating manual inspections
  - Benefit from intuitive and simple handling



## Are you familiar with this problem?

A conveyor belt suddenly tears off.



A torn belt in the elevator can have serious consequences during ongoing operation. It results in unplanned maintenance work and expenses and very high additional repair costs.

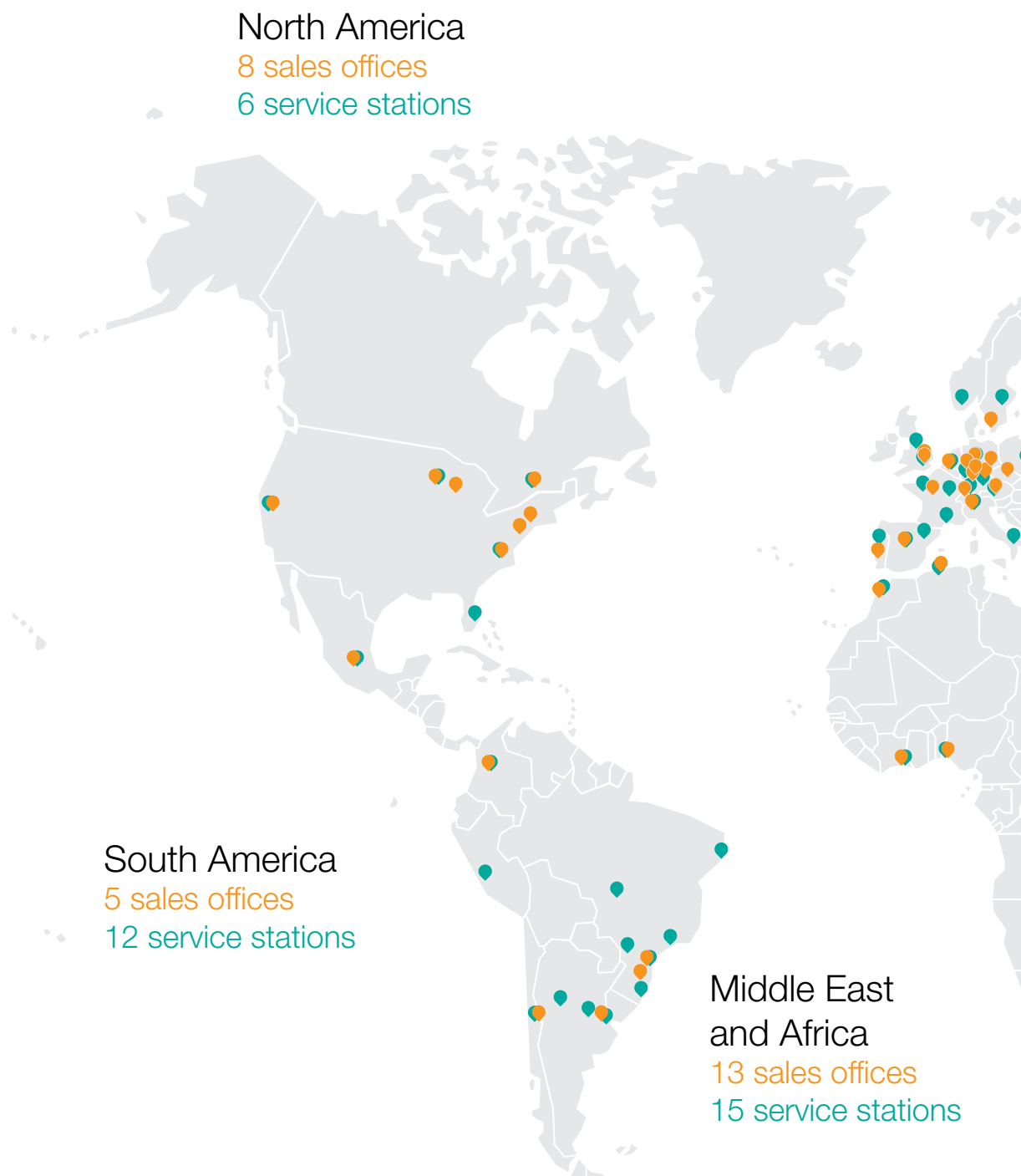
Machine Condition Monitoring offers the perfect solution for your elevator to be able to check the condition of the belt without any work effort. It gives you a kind of “X-ray view” of your machine. Use the mobile application to get a detailed overview of the current health status of your elevator and respond before it’s too late.

Machine Condition Monitoring for elevators monitors the belt tension and the elevator runtime. Since there are several sensors in the elevator, you can always know the status of the conveyor belt. Read the possible runtime and easily determine the next best possible time to re-tension or replace the belt. Thanks to the live visualization for your smartphone, you can easily do this while mobile. You can also enable notifications so you are always up-to-date in the event of any possible problems.

## Our service.

We are thinking about tomorrow, today.

With nearly 100 service stations around the world, we're everywhere you need us. Thanks to our local presence, we can supply spare parts quickly and easily. For short downtimes and more efficiency in your process.



## Europe

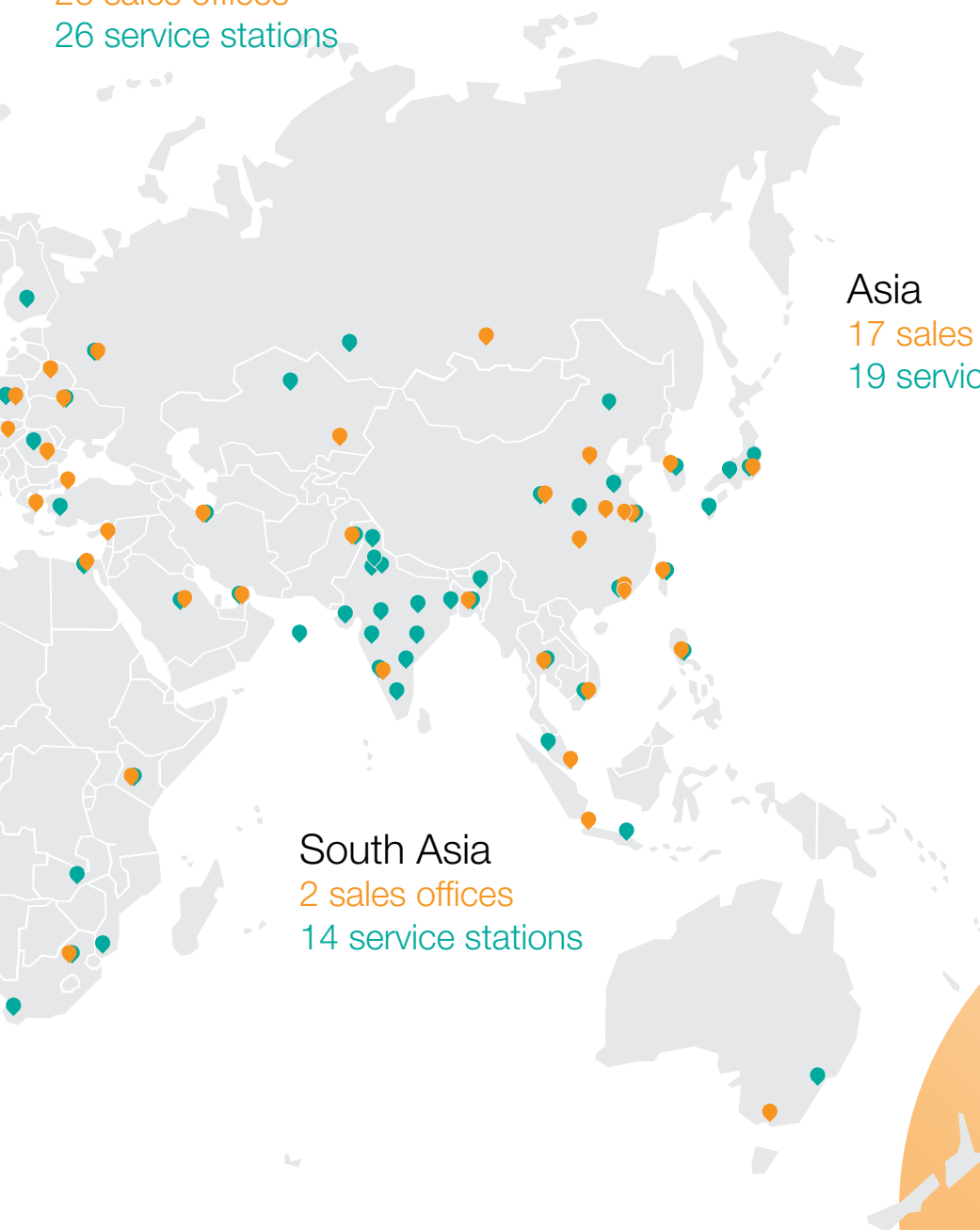
26 sales offices  
26 service stations

## Asia

17 sales offices  
19 service stations

## South Asia

2 sales offices  
14 service stations



## **Bühler GmbH**

DE-92339 Beilngries

Germany

T +49 8461 701 0

F +49 8461 701 133

[grain-quality-supply@buhlergroup.com](mailto:grain-quality-supply@buhlergroup.com)

[www.buhlergroup.com/gq](http://www.buhlergroup.com/gq)

GQ\_OF\_MCM\_eBook\_LJCA\_EN\_14312\_01