

# Silo Monitoring by Bühler Insights

Intelligent storage solutions



# Aligning to the needs of the world

Silo Monitoring sets the Grain Storage Standard, helping you to ensure optimum quality and efficiency at all times.

## Digitalization

Silo Monitoring is easy to set up, use, and maintain – with no need for skilled operators.

## Food security and safety

Silo Monitoring gives you the peace of mind that comes with knowing every grain is safe, nutritious, and sustainably produced.

## Climate change

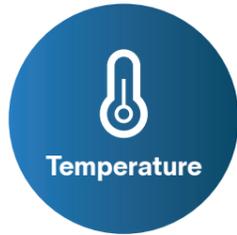
Silo Monitoring allows you to make sure your valuable product isn't damaged by the worsening effects of climate change, whether unwanted moisture or mycotoxins.



# Fully connected plants

For truly efficient grain storage, every grain counts. So imagine how useful it would be if your silos could talk to you.

With Bühler's Silo Monitoring service solution, they can. It monitors, analyzes and optimizes your stored products, with all the information you need available instantly.



# Ensuring profitability and safety

With Bühler's Silo Monitoring digital solution, you monitor, analyze, and optimize your stored products, with all the information you need available instantly.

It will help you protect your precious grain from insects or changes in temperature and moisture that could cause hot spots, molds, impurities, mycotoxins, and other serious problems – leading to product loss.

## Benefits at a glance



### Data collection and efficiency

Data and documentation you can trust – no more guesswork or climbing silos. And when your decisions are truly data-driven, your grain storage becomes far more efficient.



### Uninterrupted productivity

Get an instant overview of temperature, moisture, and inventory data without having to pause your workflow.



### Environmentally friendly

Our commitment to sustainability ensures that we prioritize food safety and security – enjoy up to 4% fewer product losses and emissions, thanks to data-driven processes.



### Savings at your fingertips

Precise grain management and reporting tailored to your needs means optimal inventory levels, minimized risk of spoilage, and significant cost savings.



### Grow with your business

Future-proof your grain storage plant, and expand your business with easy upgrades – integration to Bühler's automation system couldn't be simpler.



### Effortless Excellence

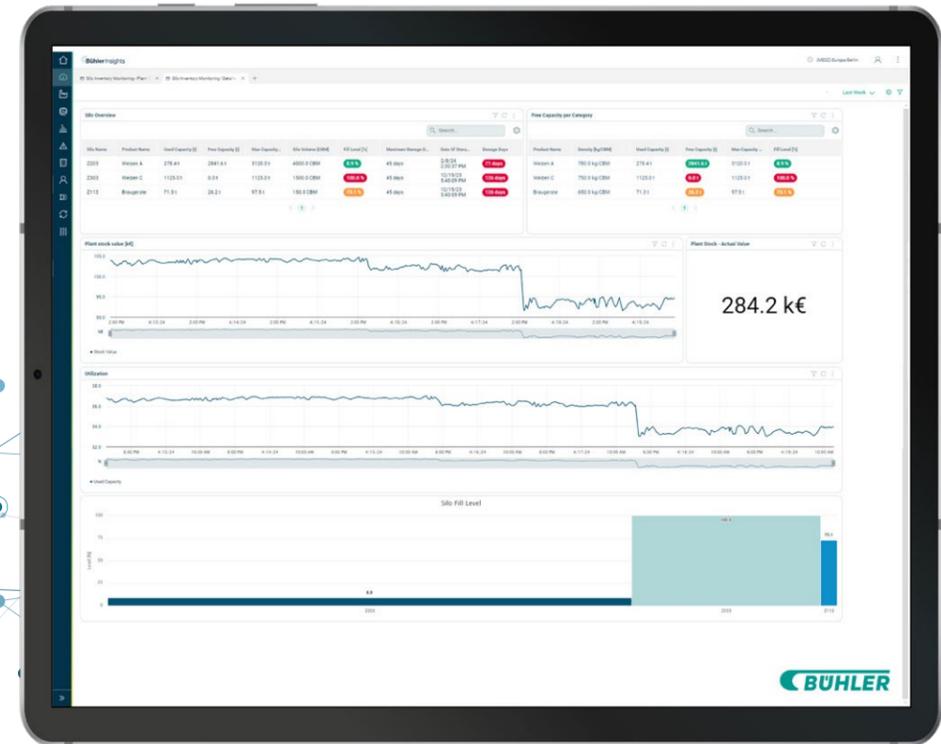
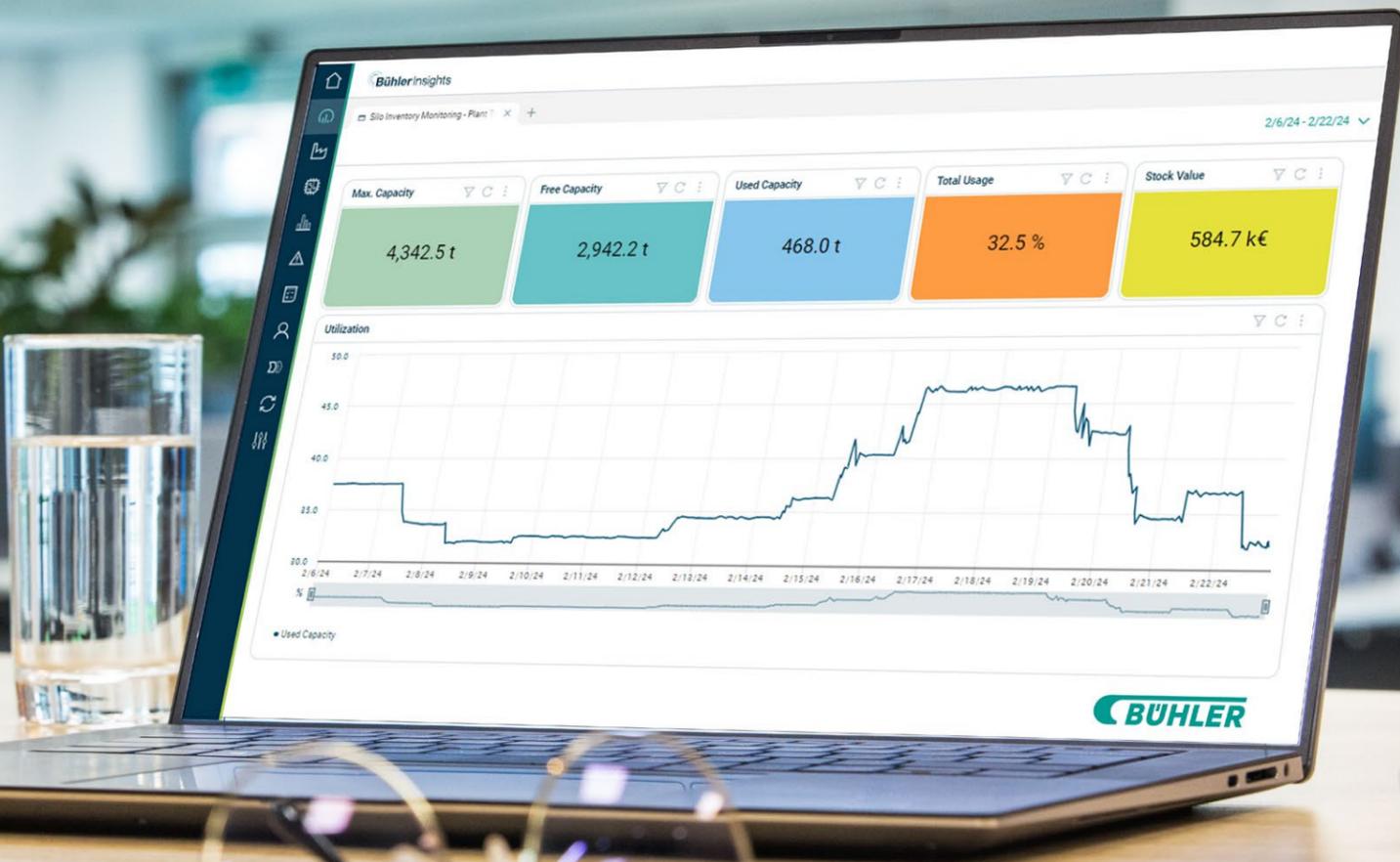
Bühler Silo Monitoring is designed to get more done. Monitor real-time silo data with ease, ensuring quick and efficient decision-making.



## Keep track of your inventory - at all times

Inventory Monitoring is a new service that uses sensors and scales to provide even more accurate silo fill level data.

The industry-leading Bühler Insights introduces the most-simple-to-use silo inventory monitoring. Regardless of skill level, anyone can access inventory data and a detailed history anywhere, anytime. It's as easy as monitoring should be!



Real time and historic inventory reporting



Optimum plant utilization

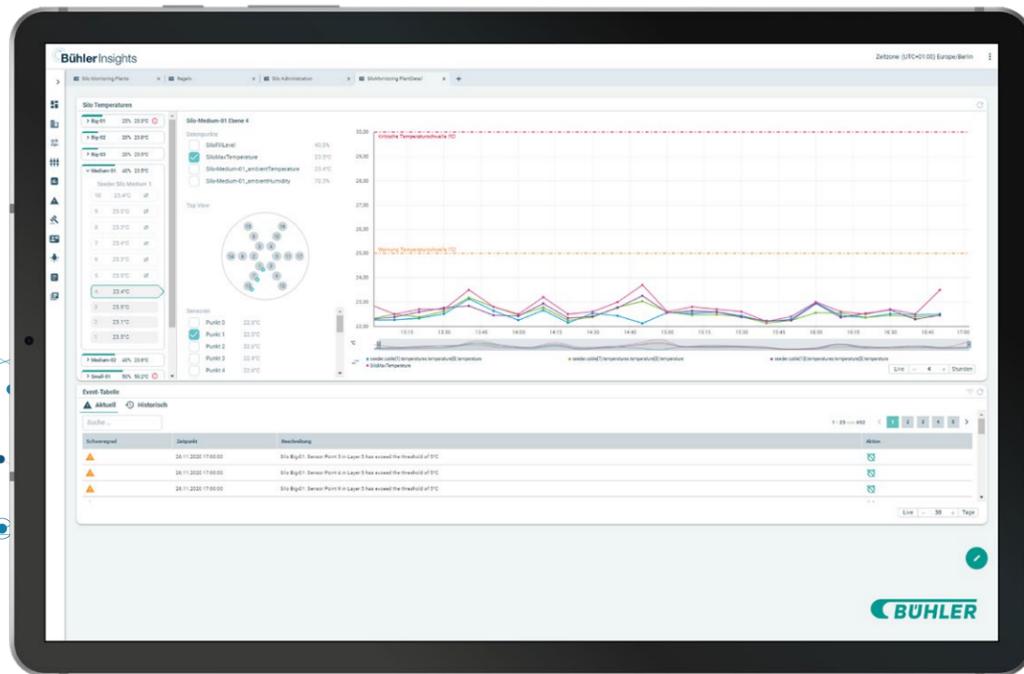


Connected plants

## Your daily temperature monitoring support

The industry-leading Bühler Insights enables full transparency of temperature and moisture data. This ensures safe storage of products and provides a detailed history that is accessible from anywhere at any time.

A crucial service that ensures efficient monitoring of grain temperature and moisture, with proactive alarms and notifications. This lets you optimize your aeration processes and preserve the nutritional value and quality of your grains. The customized dashboard allows you to monitor data in real time, reducing your operating costs and improving energy efficiency.



Real time and historic temperature reporting



Ensuring stored product quality



Energy efficiency through optimized aeration

## Ready for the future

The information provided by Silo Temperature and Inventory Monitoring is not just limited to one silo, or even one plant – you can get an overview of different plants in different locations, at any time. Plus, you'll receive alerts and notifications if there are any unexpected changes, giving you complete peace of mind. When everything runs efficiently, yield is maximized, and maintenance costs are minimized, with ISO27001 certification ensuring secure data transfer, storage and processing.



### Data at a glance

- Maintain a complete overview of your plant data without manual interference
- Accurate data can help minimize aeration time and inventory costs, and maximize efficiency



### Working principle

- All information is collected by sensors, for maximum accuracy
- Cloud connectivity, via Bühler Insights
- Fully connected data and systems for optimum efficiency at all times



### Processes and alarms

- View your plant performance from anywhere in the world
- Access plant condition data crucial for the smooth running of your processes
- Full visibility of real-time and historic data for remote-control and tracking

## Services designed for your needs

You know your business better than anyone. Combining our engineering expertise, industry know-how, and practical skills with your knowledge, we can give you the best tailor-made support for your business.

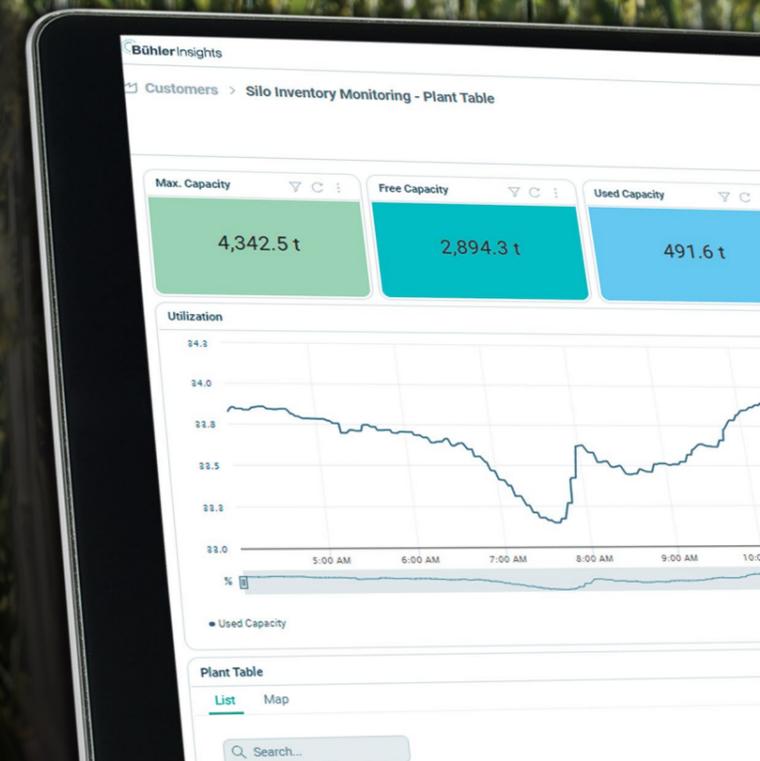


## Simple. Fast. Intuitive.



## Reduction of waste by up to 4%.

Impact on the following SDGs:



Visit our webpage for more information



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