

INTELLIGENT GRAIN MONITORING & CONTROL

*Protecting the world's harvest with innovative devices
and data-driven insights.*



ATEX



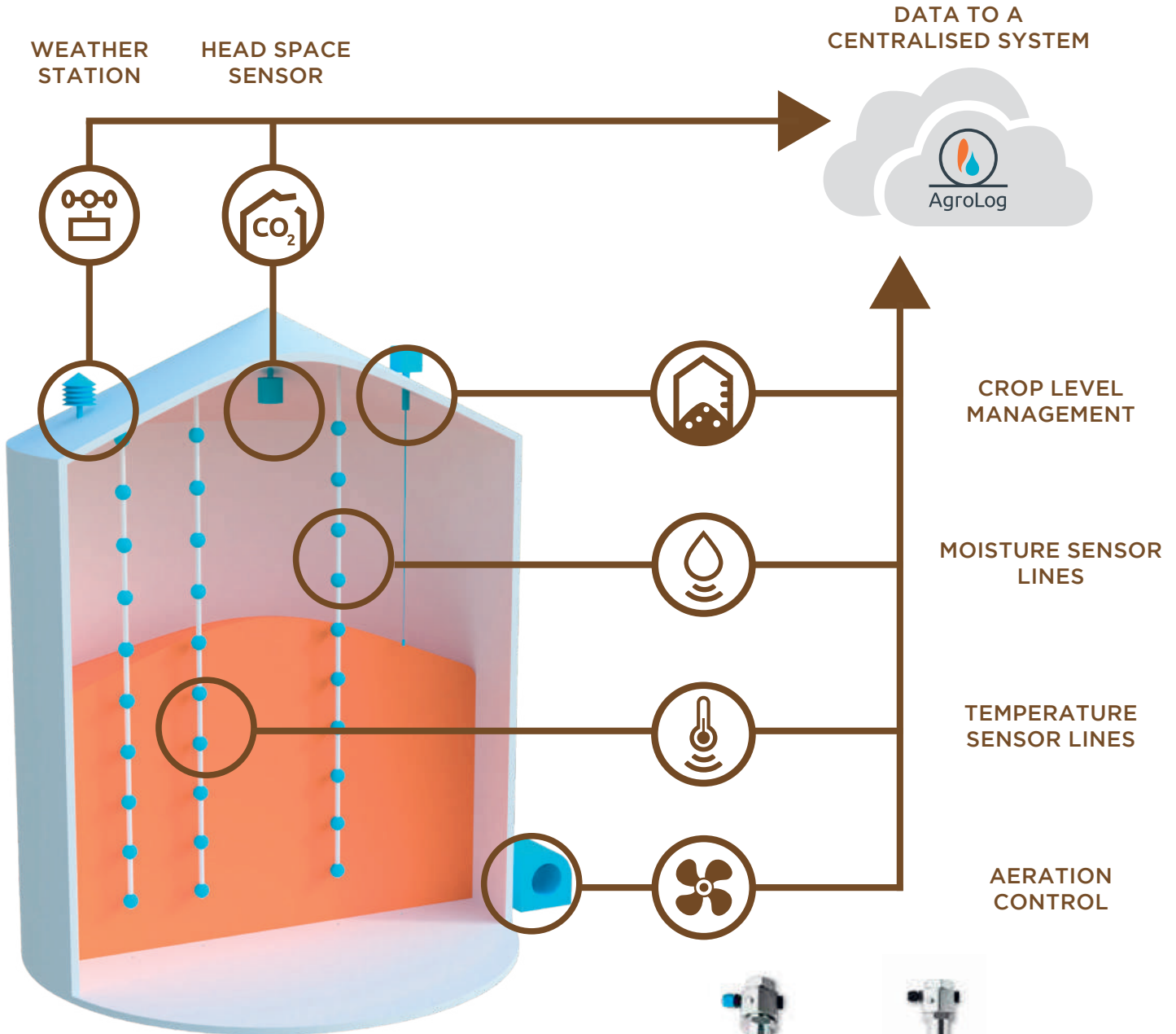
ISO 9001
Certified



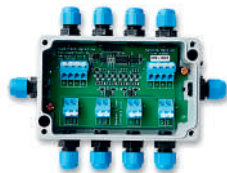
EAC
Certified



SOLID HARDWARE COMPONENTS



Hand Terminal
TMS2000/TMS2500



Netlink



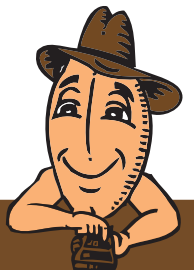
Netcontroller



Temperature
Sensor Line



Moisture
Sensor Line



FEATURES: GRAIN BIN MONITORING



TEMPERATURE MONITORING

Avoid spillage in your grain by detecting hotspots. Check temperature regularly until the target temperature is reached. Cool temperatures permit grain to be stored at a higher moisture content level. Insects, mites, fungal and micro-toxins thrive in higher temperatures.



MOISTURE MONITORING

For better storage quality and safety. Moisture and shrinkage control is achieved by measuring moisture content and temperature at several points throughout the silo.



INVENTORY MANAGEMENT

Tracking inventory in silos is an important component. Using the Agrolog software and our automatic level sensor makes it easy to know where crops are located and their quantity.



SILO HEAD SPACE MONITORING

Avoid condensation and wet grain on the surface. Roof ventilation fans are controlled by data from the Head Space Sensor located under the roof. Dew points are computed from temperature and humidity.



WEATHER STATION

Monitoring weather conditions provides great control for aeration. The weather station keeps a constant eye on ambient conditions, thus ensuring that only air with the desired properties is used for aeration.



CO2 MONITORING

CO2 sensors can provide early spoilage detection. Insects and mould are organisms that respire and release CO2. The gas will travel to the head space of the silo due to the internal upward flow of air.



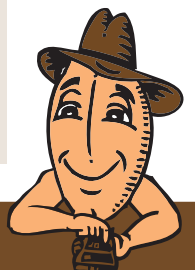
AERATION CONTROL

Automatic fan control optimises grain quality. Optimise grain moisture and temperature. Avoid shrinkage. Our temperature and moisture monitoring in combination with ambient temperature and humidity data starts and stops the fans automatically.

MAKE DECISIONS BASED ON VALUABLE AND RELIABLE DATA

Let's talk about intelligent software management for grain and crop storage - it's all about what solid hardware and new intelligent software can do for you. Take full advantage of the newest technology and let our Agrolog grain and crop quality management system give you the strong tools you need to always be in control of your grain and crops.

- Quick return of investment
- Minimise waste
- Maximise profit



USER EXAMPLES

FOR THOSE OF YOU WHO NEED TO KNOW THE TEMPERATURE INSIDE YOUR SILOS:

Every silo facility needs accuracy and a reliable temperature monitoring system. Our TMS2000 is a basic, professional handheld terminal and read-out unit.



FOR THOSE OF YOU WHO NEED TO BE ABLE TO FOLLOW THE DEVELOPMENT OF YOUR CROPS

Our TMS2500 is a compact, portable hand terminal with built-in memory for documented temperature monitoring which also includes a PC software program that can give you a quick overview.



FOR THOSE OF YOU WHO NEED A FULLY AUTOMATED SYSTEM

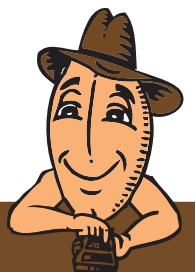
Take full advantage of the benefits of the new technology and let our AgroLog grain and crop quality management system give you the strong tools you need to always be in control of your grain and crops.



SOLID HARDWARE AND INTELLIGENT SOFTWARE

AgroLog is for those of you who need a fully automated Temperature and Moisture Monitoring System to make your daily workflow easier and safer.

The system is comprised of solid hardware and intelligent software. It is up to you how advanced a solution you need. It is also up to you if you want a cloud-based or on-premises software solution. We can customise AgroLog to your exact needs - no matter how many silos or bulks you need to secure or where they are located.

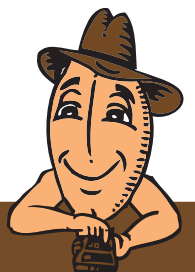


AGROLOG MANAGER SOFTWARE



INTELLIGENT SOFTWARE TO HELP YOU MAKE THE RIGHT DECISIONS

AgroLog MANAGER Software is our intelligent software that will help you make better decisions. It is a new generation of agricultural monitoring software that will process sensor information, let you know about the smallest change in your storage facility and simultaneously automate critical tasks. We now offer you not only data but value from your data.



THIS IS HOW EASY IT IS TO OPERATE THE SYSTEM

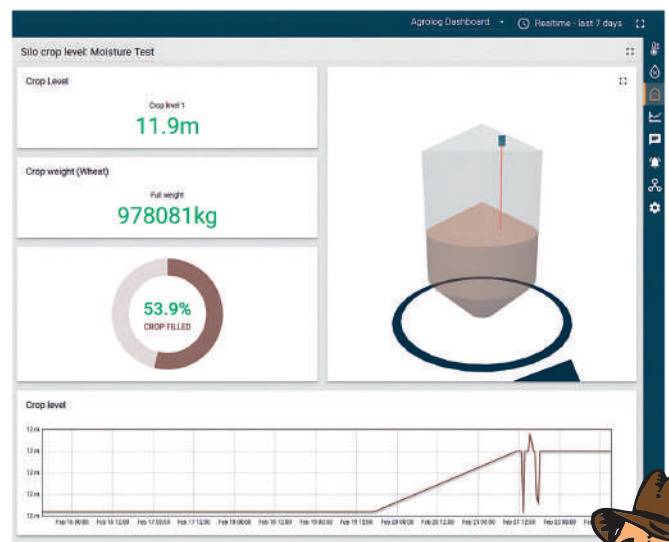
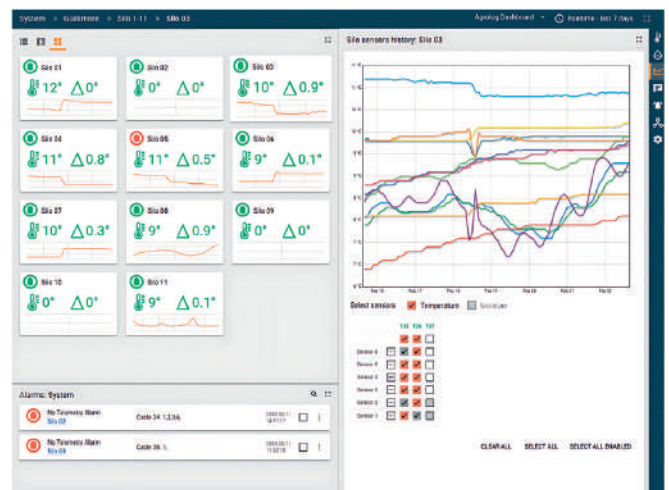
ACCESS THE SYSTEM ANYTIME AND ANYWHERE using PC, smartphone or tablet etc.

INCREASE SAFETY. With one system you can control multiple sites from anywhere in the world.

CENTRALISED SYSTEM. Achieves high security and protection of data while being easy to manage and maintain.

USE THE AUTOMATED REPORTS. Save worktime by letting the software generate valuable insights for you.

NO SOFTWARE, BACKUP OR SERVER MAINTENANCE. We handle this for you and guarantee the safety of your data.



SOFTWARE BENEFITS

INTUITIVE, MODERN GRAPHICAL INTERFACE allows quick and easy interpretation of data.

REAL-TIME DATA. Telemetry, monitoring and control 24/7.

REAL-TIME 3D VISUALISATIONS quickly illustrate where the problems occur in the silo.

REST INTERFACE FOR INTEGRATION WITH THIRD PARTY SYSTEMS and an open system that gives developers access to advanced computations.

BE ALERTED BY E-MAIL TO THE SLIGHTEST CHANGE in your crops, even when not currently using the software.

FULL HISTORICAL CHART for deeper insights into trends.

