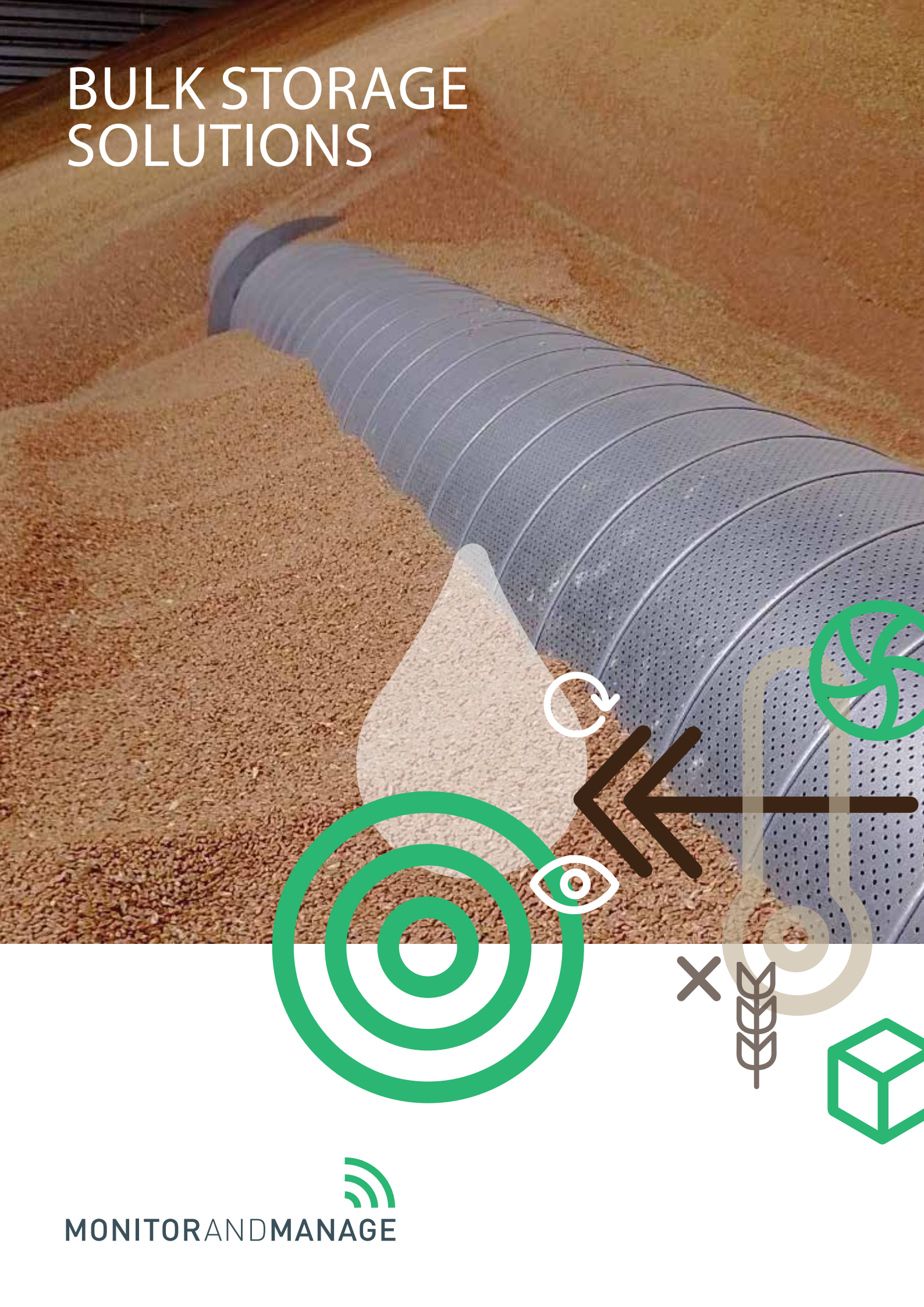


BULK STORAGE SOLUTIONS



MONITOR AND MANAGE
HELP DRY BULK STORE
KEEPERS STAY COMPLIANT,
PROFITABLE AND KEEP
PEOPLE SAFE.





“

“WITH A MONITOR AND MANAGE SYSTEM, YOU WILL KNOW CROPS ARE BEING CONDITIONED PERFECTLY, EVERY TIME.”

”

AUTOMATION RIGHT OUT OF THE BOX

Getting crops to the optimum temperature quickly, and then conditioning the crop for the duration of the storage period, can be a time consuming and expensive business.

For those opting for manual control of fans, the unpredictable nature of the UK climate can make fan control difficult to get right all the time. The resulting energy costs are also significant.

The Monitor and Manage Service offers:

Sentry

A fully automated crop and store monitoring system with alerts on out of tolerance conditions and hotspot formation, meaning you can relax wherever the stores are located.

Commander

Sentry + automated crop and store fan control for optimum drying, cooling and conditioning. With payback periods typically less than 18 months peace of mind can be achieved while saving money.



CROP SENSORS

Our Mk2 Wireless Crop Sensors digitally record the temperature of stored crops at depths of between two and six metres for reporting, alerting and controlling fan activation. The spears do not simply passively measure temperatures; they are smart enough to communicate with you if a problem occurs.

Sentry probe specification:

- Two digital sensors for multi-depth readings
- Three new functions to simplify store management
- More powerful wireless transmitters for greater distances
- No cables – easy to install or relocate
- Up to five years' life
- Three-metre standard length to reach further into the heap
- Standard two-year warranty for peace of mind. Upgrades to five years available

FAST AND EFFICIENT COOLING

Our wireless Digital Temperature and Humidity Sensors record ambient conditions inside or outside the store to ensure conditioning fans only run at the most beneficial time.

The highly accurate sensors supply the information to the Commander Service, which uses the data to manage the crop drying and cooling processes. The system ensures the fastest and most efficient conditioning is performed.

- Purpose built for use in-store or outdoors to aid fan control
- Led status indicators
- Three functions to assist in store management
- Up to five-year battery life
- Includes wall mounting brackets

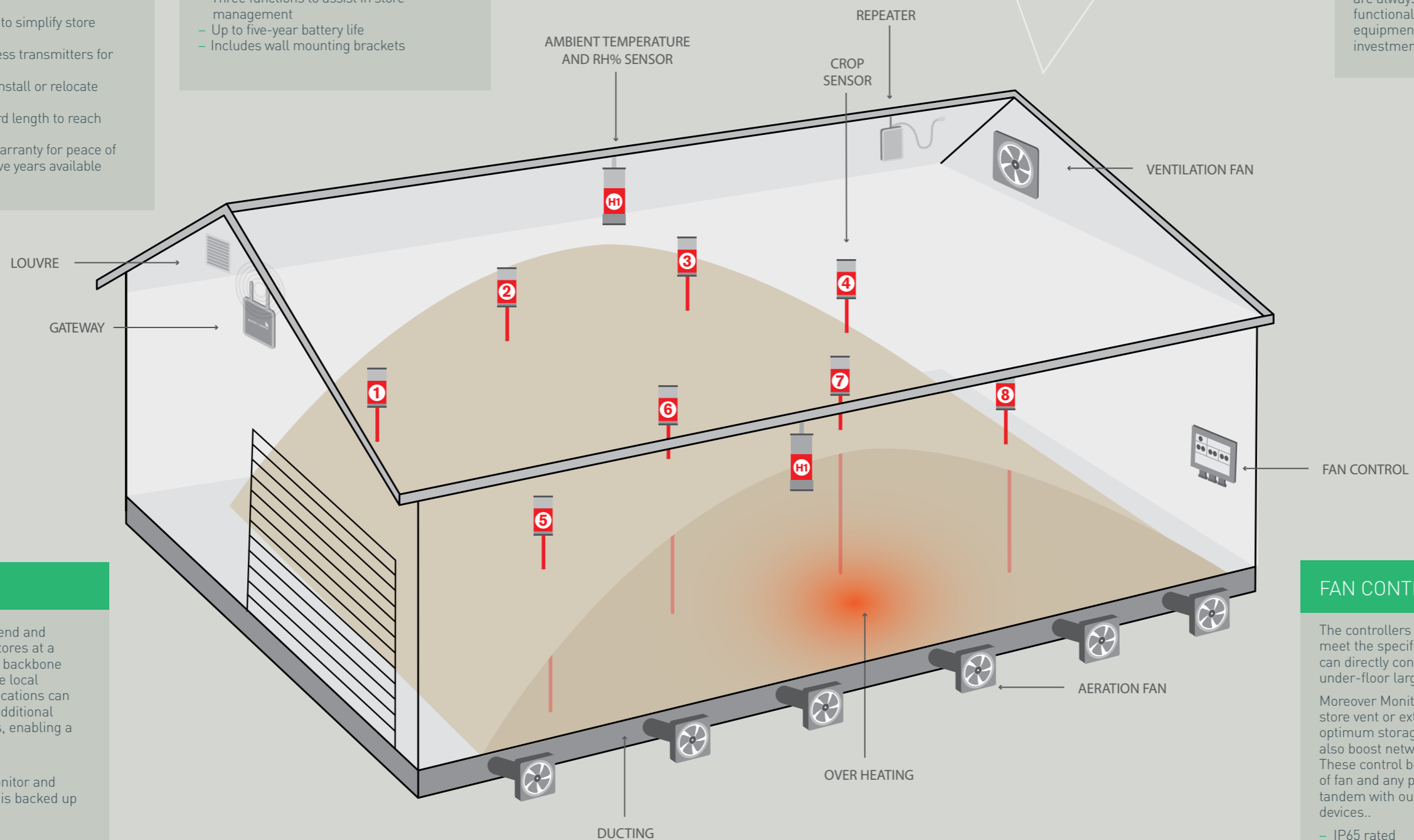
REMOTE MONITORING

It is impossible to be at every heap, every store and every site all the time. Or is it?

With your Monitor and Manage Service you will be able to do exactly that, from your office or, with internet and telephone access, on the move.

Monitor and Manage provides a range of hardware and software to show you in 'real-time' the conditions in all your stores. Our spears, sensors and control units are built to the highest specification with exceptional quality as standard. We pride ourselves on providing reliable wireless solutions which will last. Moreover we are always working to improve product functionality and extend the life of the equipment, while maintaining your core investment.

REMOTE MONITORING 24/7



GATEWAY

Our 240V Wireless Gateways send and receive data for one or many stores at a single location and provide the backbone along with the repeaters for the local wireless network. Additional locations can be simply added by including additional Monitor and Manage Gateways, enabling a single view of all the stores.

Benefits include:

- All data is transmitted to Monitor and Manage secure servers and is backed up for peace of mind
- Simple to install
- IP67 rated specialist wireless enclosure, which can be located outdoors
- Many sites (locations) can be linked seamlessly together via additional Gateways

FAN CONTROLLERS

The controllers are designed and built to meet the specific needs of your stores. They can directly control pedestal or pillar fans, under-floor large or poly tunnel fans.

Moreover Monitor and Manage can control store vent or extractor fans to ensure optimum storage conditions. The controllers also boost network strength within the store. These control boxes work with any type of fan and any power supply, and work in tandem with our temperature and humidity devices..

- IP65 rated
- Caters for any load or size of fan
- Led status indicators
- Manual/auto override
- Fan trip email alert
- Powerful radios boost network
- Two-year warranty



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