



Your complete cloud-based food safety system



Hawk Safety is an online food safety management system that includes HACCP compliance through digital monitoring and recording.



Time and cost effective

At Hawk, we ensure businesses are safely serving food, and that it is of highest quality: from delivery to plate. Our completely paperless system is automated to save your business time and money.



Personalised solutions to suit business needs

Whether you're looking to monitor your fridge temperatures, check your food temperatures, create audits to meet requirements, or allocate a task to a member of staff, Hawk is scalable to fit your business needs however they may change.



Oversight across multiple locations

Hawk solutions work in both a single site environment, across franchises, and even within an international enterprise. This provides you with an overview at local, national, or international level in real time.

Hawk Safety is a fast growing and ambitious business. Our Internal expertise brings together a wealth of industry knowledge, product know-how, and technological innovation.

Hawk is an all-in-one monitoring system designed to look after all of your assets.

We manufacture and supply top quality sensors, probes, and hubs to automatically monitor and record fridge and freezer temperatures 24/7, offering businesses an all-in-one food safety system that delivers complete data integrity and peace of mind



All Hawk products are:

- BioMaster protected to ensure total food hygiene at all times
- Backed-up to the cloud so information is not only secured, but accessible from any location
- Available with flexible payment options

Solutions

Hawk is comprised of customisable modules, enabling businesses to tailor Hawk to suit their specific needs.

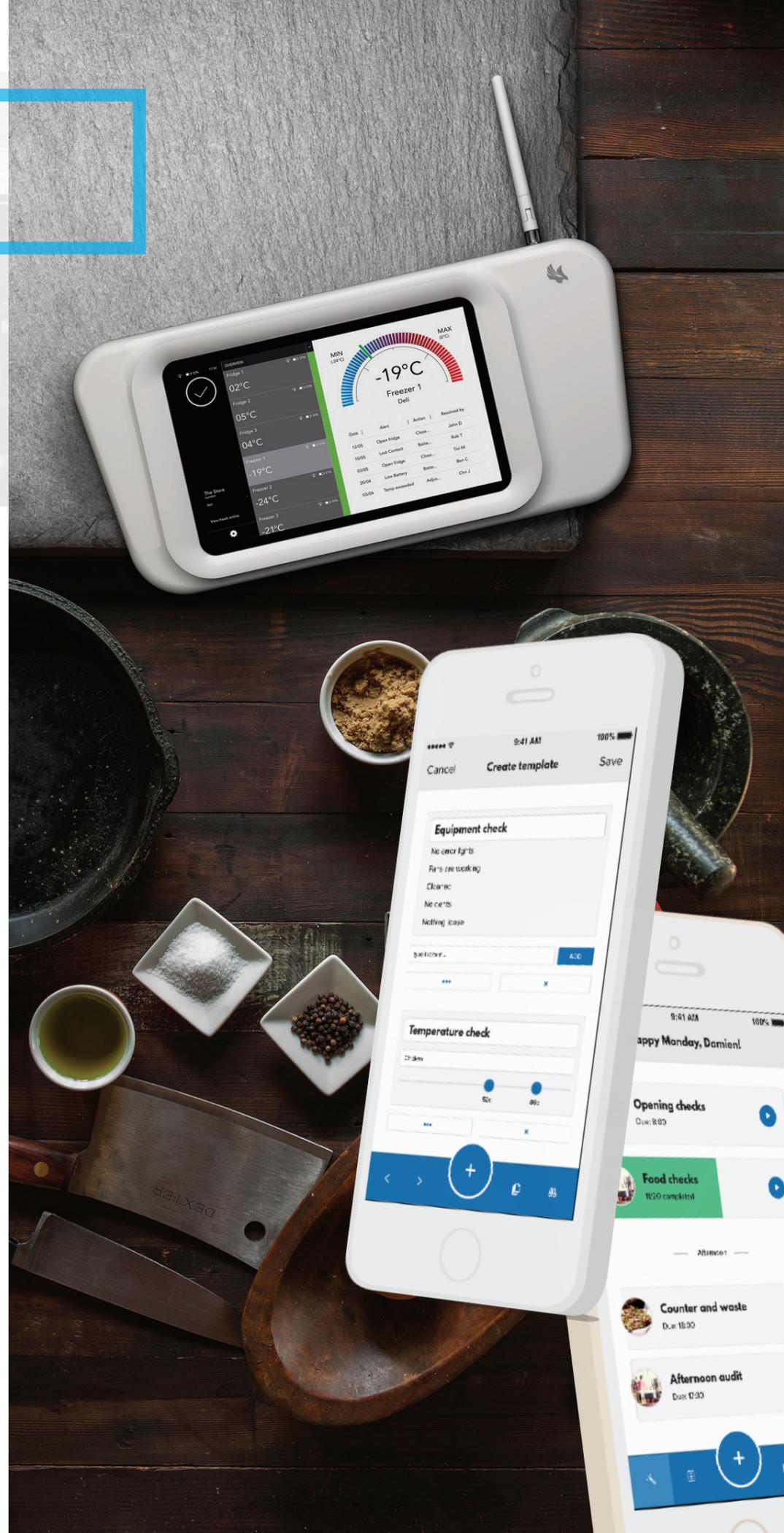
Solutions

Checklists

The Hawk Audits and Checklists modules give businesses the flexibility to build their own processes digitally. This simple tool captures the steps taken as a part of any procedure, and creates a simple to use checklist that employees can follow.

The result? A reduction of human error, combined with the digitalisation of unlimited duties: that way your company can keep moving regardless of who is doing the work.

- Hawk Audits and Checklists modules enable the creation of highly customisable audit templates to suit your business
- An advanced form of checklists with oversight and reporting
- The ability to assign to a team member as a result of previous audits
- Digitise all your checklists into a central online database, as well as the ability to upload photos and documents to keep all the information in one place
- The Hawk Audits and Checklists provide real time clarity on what has and hasn't been done



Solutions

Monitor

The Hawk Monitor is an automated module that gives businesses complete data integrity and peace of mind. This simple tool records and reports automatically and continuously the temperature of multiple fridge and freezer units via the Hawk range of products: Hawk Roost, Hawk Mini Hub, Hawk Sentry and Hawk External Probe.

The result? Time saving as your team won't need to manually check all fridge and freezers anymore.

- All assets data recorded are stored and can be retrieved easily
- If any non-compliance events happen, such as a broken fridge or power failure, the module will send notifications and alerts to the person in charge
- The Monitor enables predictive maintenance and food waste management, and time and costs saving

Solutions

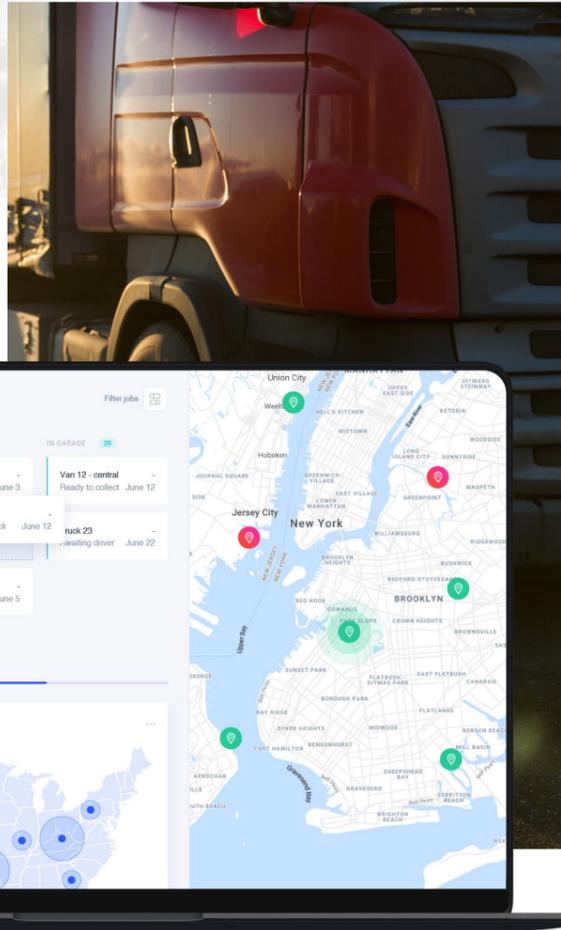
Checks

The Hawk Checks is a module that replaces your paper diary for collecting the data of your food produced for sale. This module is an intuitive and customisable app compatible with both iOS and Android systems and that works in synergy with the Hawk Standard BlueTherm® Bluetooth Probe for a digital data capture of all line checks.

The result? A reduction of human error with all records automatically captured, stored and easy to retrieve.

- The Hawk standard BlueTherm® Bluetooth Probe enables ease of use in any situation: data is directly captured in a few seconds, without the need to enter manually.
- Forms are quick and easy to use so food preparation and cooking is not interrupted
- If a food item does not comply to policy, the Hawk Checks app will stipulate that an action has to be taken.

Vehicle tracking and monitoring



Controlling critical parameters and location of vehicles during the transportation of perishable goods is essential to achieve waste reduction and prevent losses of products.

Our monitoring solution provides a reliable and affordable system to ensure that vehicles are on track and on time and that all the relevant parameters are consistent and within acceptable range from start to end.

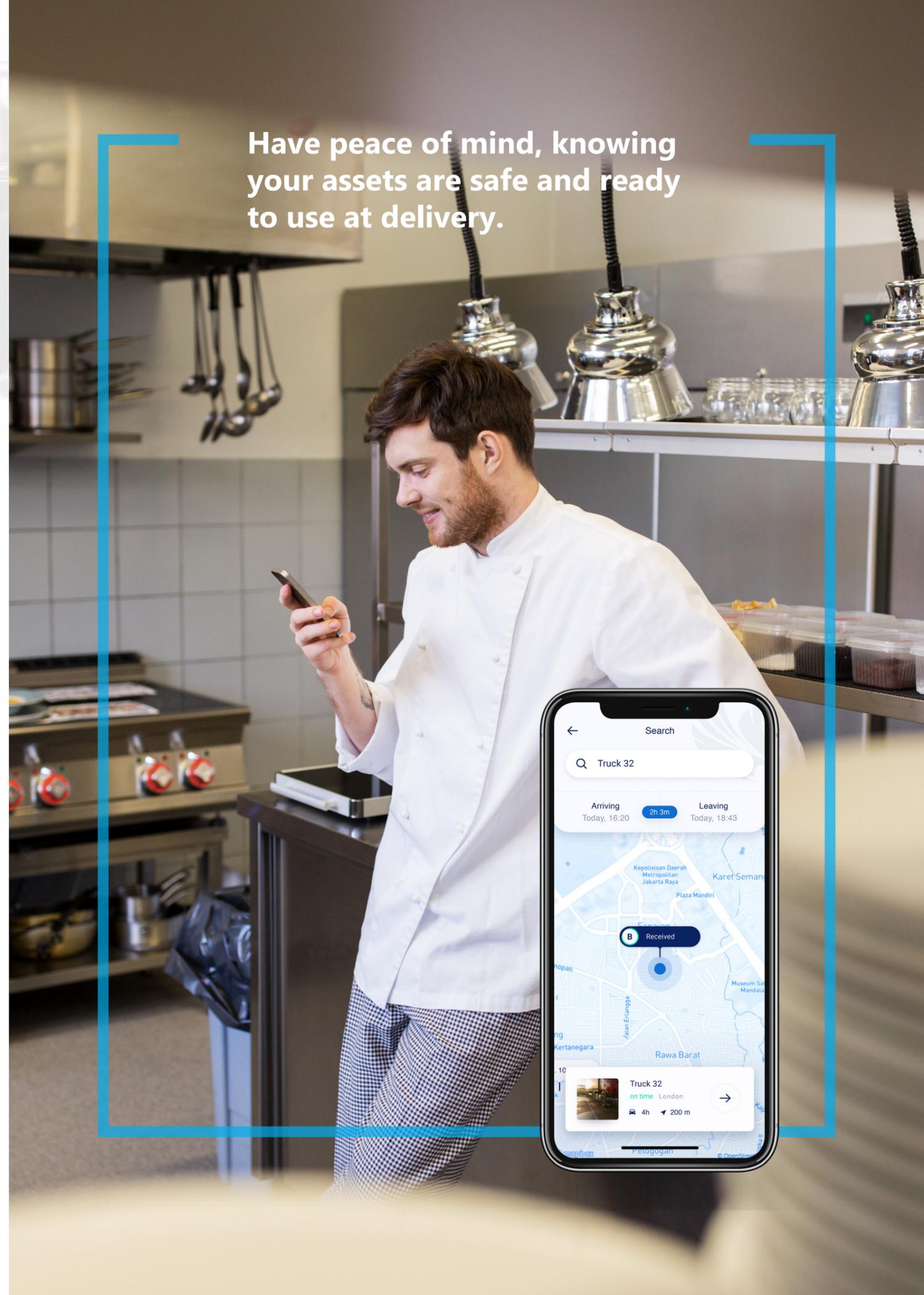
Benefits

- Manage arrival of vehicles more efficiently
- Achieve preventive maintenance by using predictive analysis
- Optimise operations by knowing how long you can keep a door open and how long it takes to bring the parameters within acceptable threshold
- Receive alerts if a door is left open beyond maximum time
- Know what vehicles are entering or leaving your premises and when
- Know if a vehicle is on schedule checking it on a live map

Components

- Can be used standalone or combined with the other modules - Checks, Checklists and Audits, Monitor
- LoRa or Bluetooth sensors with temperature range from -100 to +100 °C
- GPS tracking sensors
- Door open/close sensors
- Data caching in case of weak signal or failure to transmit to the cloud - data is then automatically uploaded to the platform
- Discreet hub with sim or e-sim loaded to transmit data to the cloud
- Configuration of acceptable thresholds for any parameter
- Live dashboard accessible from anywhere, anytime
- Alarms received via email, sms or whatsapp 24/7

Have peace of mind, knowing your assets are safe and ready to use at delivery.



Roost

The Hawk Roost is an integrated data hub that stores and displays fridge and freezer temperature checks in a visually compelling way. Through a continuous uninterrupted wireless transmission, our intuitive user-friendly design works with the Hawk Sentry to keep your team informed with the most relevant data to their tasks.

Features:

- The Hawk Roost is a wireless roost operating with Google Android 5.0
- The device is configured for full offline redundancy to be able to receive and process data during a power or network failure and can make use of 3G failover if necessary.
- The Hawk Roost is Wifi and RF compatible (868Mhz or 915 Mhz), with 8GB storage and 1GB memory.
- The wireless roost is powered by main power with a battery backup of eight hours if the main power source fails.
- The Hawk Roost measures 281mm x 242mm x 21mm and weighs 524 grams.



Mini Hub

The Hawk mini Hub is an alternative to the Roost that stores all fridge and freezer temperature checks. Without data visualisation, it collects data from up to 20 connected sensors.

Because of its compact and integrated design, the Hawk Mini Hub can be fixed on wall or freestanding. - Out of sight and out of mind.

Features:

- The Hawk Mini Hub supports up to 20 connected sensors, communicating via LoRaWAN.
- The wireless range goes up to 100m for indoor or urban environments and up to 600m for outdoor environments.
- The device is powered by main power with a DC connector of 5.5mm x 2.1mm dimensions.
- The Hawk Mini Hub measures 107.38mm x 100.95mm x 29.75mm



Sentry

The Hawk Sentry is a wireless temperature sensor designed to accurately record and monitor fridge and freezer temperatures. BioMaster protected, the device prevents bacteria growth, offering you complete peace of mind with this extra level of protection. By sending real-time alerts via SMS or email, users are immediately notified of any change in temperature or faults in their systems.

Hawk's wireless temperature sensors work in conjunction with the Hawk Roost or the Hawk Mini Hub to store data automatically, negating the need for paper-based recording of temperature checks and critical control checks.

Features:

- Compact and discreet, the Hawk Sentry measures 85mm x 34mm and only weighs 88g
- The wireless range reaches up to 300m for indoor or urban environments, and up to 600m outdoors
- The Sentry can measure temperatures between -40°C and +60°C
- Communicates using LoRa and CCS modules, over a star network
- The Hawk Sentry is powered by Lithium AAA - lasting up to 12-months
- The device can be wall mounted using an adhesive bracket, or can be magnetically fixed



External Sensor

The Hawk external Sensor works with the Hawk Sentry to collect and store data automatically. It serves two complementary purposes in providing accurate readings of temperatures: in the first instance, the external Sensor can measure two separate parts of large fridges and freezers, up to 10m apart - meaning the product is scalable regardless of location it sits in. The second function of the device is to help boost the range of the temperature being taken inside fridges and freezers by being affixed outside of them. Being multifunctional, the Hawk external Sensor is ready to be deployed in businesses of all shapes and sizes.

Features:

- The Hawk external Probe can measure temperatures between -40°C and +125°C, with an accuracy between 0.5°C and 1°C
- The sensor boot measures 56mm x 27mm x 14mm, with up to 3m of cable length, and weighs 38g





Probe

The Hawk Standard BlueTherm® Bluetooth Probe is suitable for measuring temperatures, ranging from temperature measurement liquids to semi-solids such as fish or fruit, and many other soft materials. The Probe is specifically designed to eliminate the need for cable connection, which often cause many traditional probes to break or fail.

With a response time of less than three seconds, the probe helps kitchens to promptly control food temperatures.

Features:

- The Hawk Standard BlueTherm® Bluetooth Probe is a wireless temperature probe, with K thermocouple sensor, and communicating via Bluetooth.
- The Probe is powered by AA NiMH Rechargeable battery, which lasts between 10 and 36 hours.
- Manufactured in United Kingdom, the Probe is made of ABS plastic, measures 40mm x 260mm, and weighs 90 grams.
- Temperatures between -49.9°C to +249.9°C can be measured by the Probe, with an accuracy of reading between 0.4°C and 0.1°C, and a measurement scale available in both Celsius and Fahrenheit.



Dashboard

The Hawk customisable dashboard displays live data received from Hawk modules and provides instant access to all your audits, checks, checklists, and reports. Connect to the Hawk Dashboard from any devices and keep track of all your food management.

Features:

- All Hawk modules work seamlessly with our temperature monitoring systems, probes, and data management hub.
- Through an intuitively designed web application, Hawk delivers food safety management, temperature monitoring and compliance for businesses of every size.





External door actuator

DEPLOYMENT OPTIONS

The Hawk external actuator works with the Hawk Sentry to collect and store data automatically. With an impressive holding force of up to 1200lbs, our high quality actuator presents this stainless steel strong and durable magnetic lock. Able to remotely monitor a doors lock or un-lock status with quick operation. Application includes fridges & freezers, security doors, building entrances or any other environment where remote door operation is needed via door magnets.

Features:

- Easy to install, Quick to operate
- Robust and sturdy
- 12 or 24 Vdc operating voltage
- -10 to 55 °C operating temperature
- Able to handle heavy duty use



Hawk Safety can also offer different options to deploy the application

- 1.** Cloud shared infrastructure managed by Hawk: this is the most common and cheapest option. Hawk manages the entire infrastructure, and although there is a division in tenants inside the database, and the white-labeling option is available, the database is shared with other Hawk partners and direct customers
- 2.** Cloud private infrastructure managed by Hawk: the application is deployed in a private cluster. Hawk configures the cluster entirely, the application source code is common among all the clusters (which makes the application easy to maintain) but the database is private. Once the deployment is completed, Hawk can revoke its own permissions to access the database and only the partner can grant it again.
- 3.** Cloud private infrastructure managed by partner: the partner, working side by side with Hawk engineers, configures its own cloud network and the application is deployed there. Note that this option, although it guarantees complete control of the infrastructure and its costs to the partner, makes it hard to maintain and update the application, thus creating higher costs for these operations.
- 4.** Deployment on-site through private network: engineers are deployed on premise, where the application needs to reside. Everything is configured to run locally and not in the cloud, which makes the system more reliable and even faster (since it does not depend on Internet to function and there is no latency) but this option on the other side is the most expensive in terms of upfront cost, maintenance and updates



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HAWK PROVIDES SAFETY AND COMPLIANCE

We are confident in saving you time, reducing costs and relieving stress by automating your HACCP compliance