

**i**NFORM

**KWC DVS**

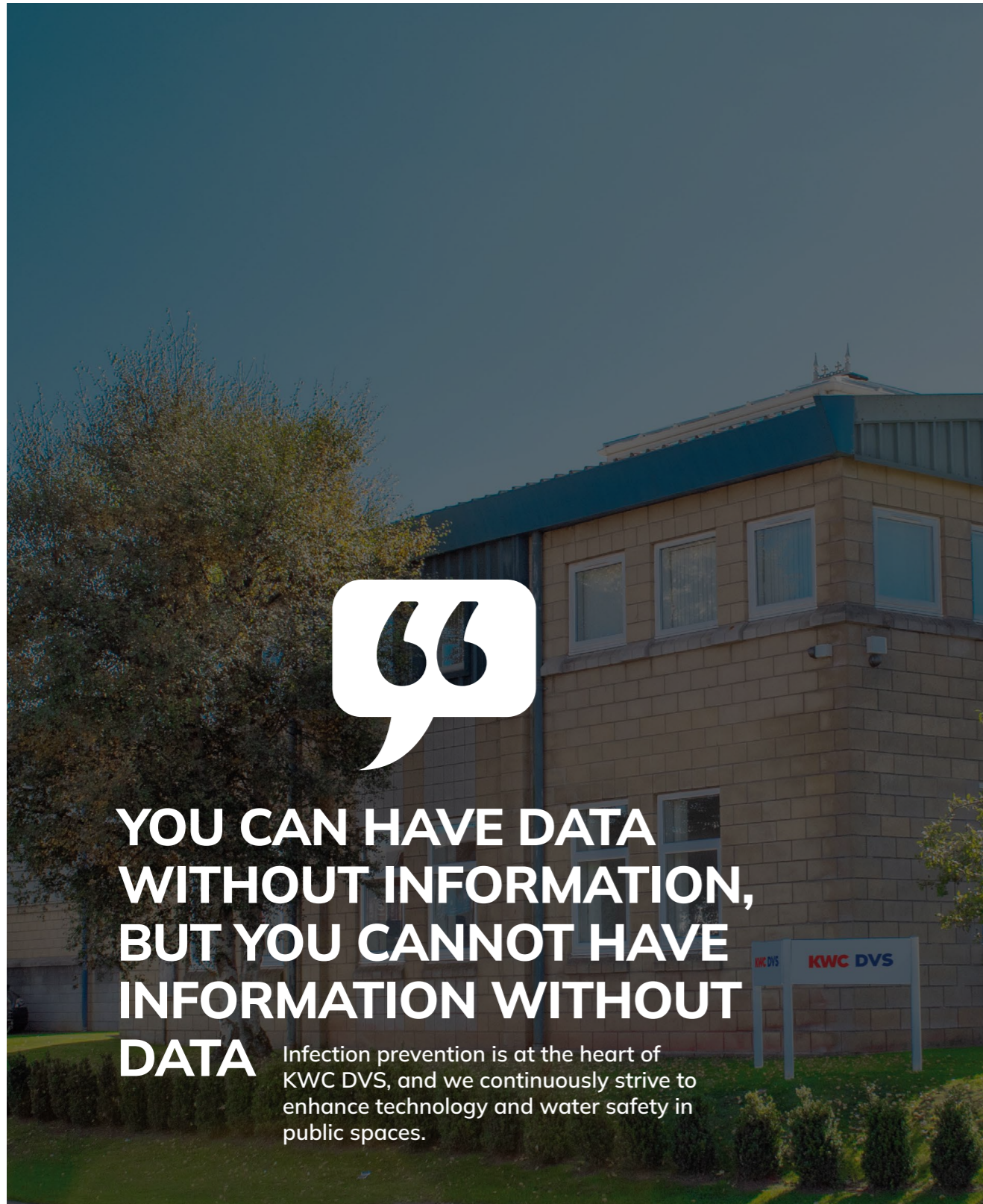
**KWC DVS.** The new name of  
Dart Valley Systems & Franke Sissons



**KWC DVS**

INFORM Digital  
water temperature  
monitoring

[www.dartvalley.co.uk](http://www.dartvalley.co.uk)



**YOU CAN HAVE DATA  
WITHOUT INFORMATION,  
BUT YOU CANNOT HAVE  
INFORMATION WITHOUT  
DATA**

Infection prevention is at the heart of KWC DVS, and we continuously strive to enhance technology and water safety in public spaces.

### OVER 235 YEARS OF EXPERIENCE

Franke has been specialising in products for commercial washrooms for over 230 years and Dart Valley Systems are a market leader in the field of water saving products and automatic washroom solutions, supplying products into the healthcare market for over 35 years. Together Franke and DVS are now known as KWC DVS and provide solutions to specialist applications.

KWC DVS have specialised in water controls and water safety for a number of years and have extensive industry knowledge in providing exceptional solutions in this field. Alongside a vast product portfolio, we have an expert team of engineers and specification sales managers that are on hand to support with specification advice, product knowledge, installations, and tailored project solutions.

### SECTORS



Healthcare



Retail



Sports and leisure



Transport



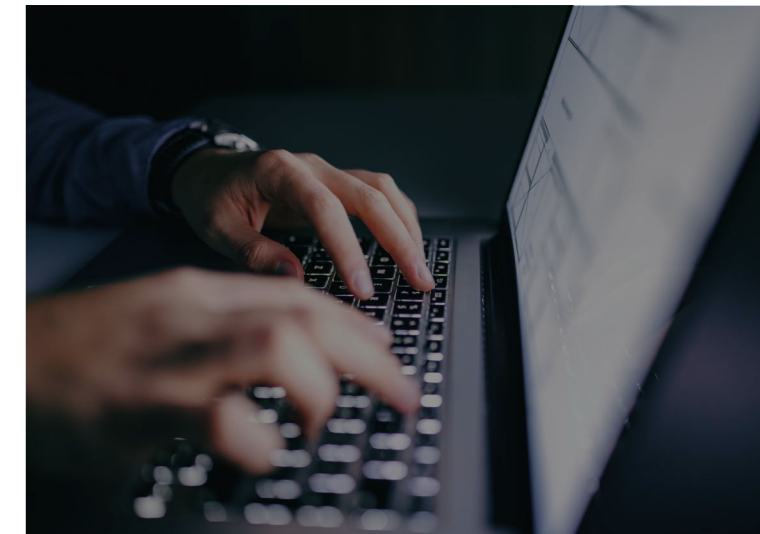
Care/residential homes



Hotels



Offices



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# IMPORTANCE OF TEMPERATURE MONITORING

Hygienic and compliant solutions



## DEVELOPMENT

We have designed Inform to not only ensure that water is safe but to encourage efficiency, compliance and management of all building assets to provide reliable data that is recorded with absolute precision.

### MONITORING DATA ON BUILDING ASSETS

Monitoring water temperatures are key to water safety and will help to minimise the growth of waterborne pathogens, reducing the risk of infection. Inform is a highly intelligent digital solution that has been designed to monitor, maintain and provide data on assets within a building. Shifting to digital operations and management can have huge benefits within a building and this easy to use system provides peace of mind that you are operating at the highest safety levels and complying with building requirements.

### COMPLIANT

Complies with industry guidance and legislation to keep up with changing water system behaviours.

### LOW RISK

Reduce the risk of scalding, freezing and ensure compliance with round the clock monitoring.

### FLEXIBLE

Completely flexible to suit different building types and environments.

### RELIABLE

Monitor all assets throughout the building and schedule planned preventative maintenance activities.

### SUSTAINABLE

Environmental benefits with reduced water wastage and fewer engineer call outs.

### PRECISION

Intelligent, real-time data that can be accessed and analysed 24/7 with detailed reporting.

# REMOTE MONITORING OF WATER

## Real-time temperature monitoring

### INTERESTED IN FINDING OUT MORE?

For further information regarding Inform and how it works, or to arrange a free trial please get in touch on +44 (0)1803 529021 or email us [kwcdvssales@kwc.com](mailto:kwcdvssales@kwc.com).



#### LEADING THE WAY IN INFECTION PREVENTION

In semi-public and public buildings such as hospitals, care and residential homes, education facilities, transport hubs, places of work and leisure facilities, there is a requirement for safe water. Temperature control is the traditional strategy for reducing risk within a buildings water system. Inform's 24/7 monitoring provides detailed & accurate information which allows for effective management to ensure compliance.

Legionella control and infection prevention have never been so important as they are today, integrating the Inform system allows for remote monitoring of assets and reduces multiple site visits, ultimately providing a more intelligent, efficient and accurate solution. The platform offers a state of the art, practical reporting system which provides a whole range of accurate data that can be exported.



#### FUNCTIONALITY

The upload functionality has the capability to upload building schematics, asset locations and documents such as invoices, installation manuals and notes.



#### SIMPLE INSTALLATION

A fully installed functioning system that includes full set up as part of the package, all you need to do is subscribe to the platform to access all data and reports on the dashboard.



#### TRIED AND TESTED

KWC DVS has been working in this field for a number of years and have extensive knowledge of safe water management and water temperature monitoring.

# CHALLENGES & BENEFITS

## Traditional water monitoring vs Inform

	Challenges with traditional water monitoring	Benefits of Inform system
Number of site visits	Regular site visits	Reduced site visits
Data recording	Site log book	Secure server
Monitors water temperature	✓	✓
Real time temperature monitoring	✗	✓
Map & manage complete water system	✗	✓
One platform to manage all assets	✗	✓
Upload schematics & asset documents	✗	✓
Identifies risks in real time	✗	✓
Manage statutory monitoring tasks	✗	✓
Min, mean, max temperature recordings	✗	✓
Risk based alert system	✗	✓
Accurate data readings	✗	✓
Remote access to data	✗	✓
Lifetime data analysis	✗	✓
Secure cloud based system	✗	✓
Reduces on-site disruption	✗	✓
Cost savings and reduced labour time	✗	✓



### CHALLENGES OF TRADITIONAL WATER TEMPERATURE MONITORING

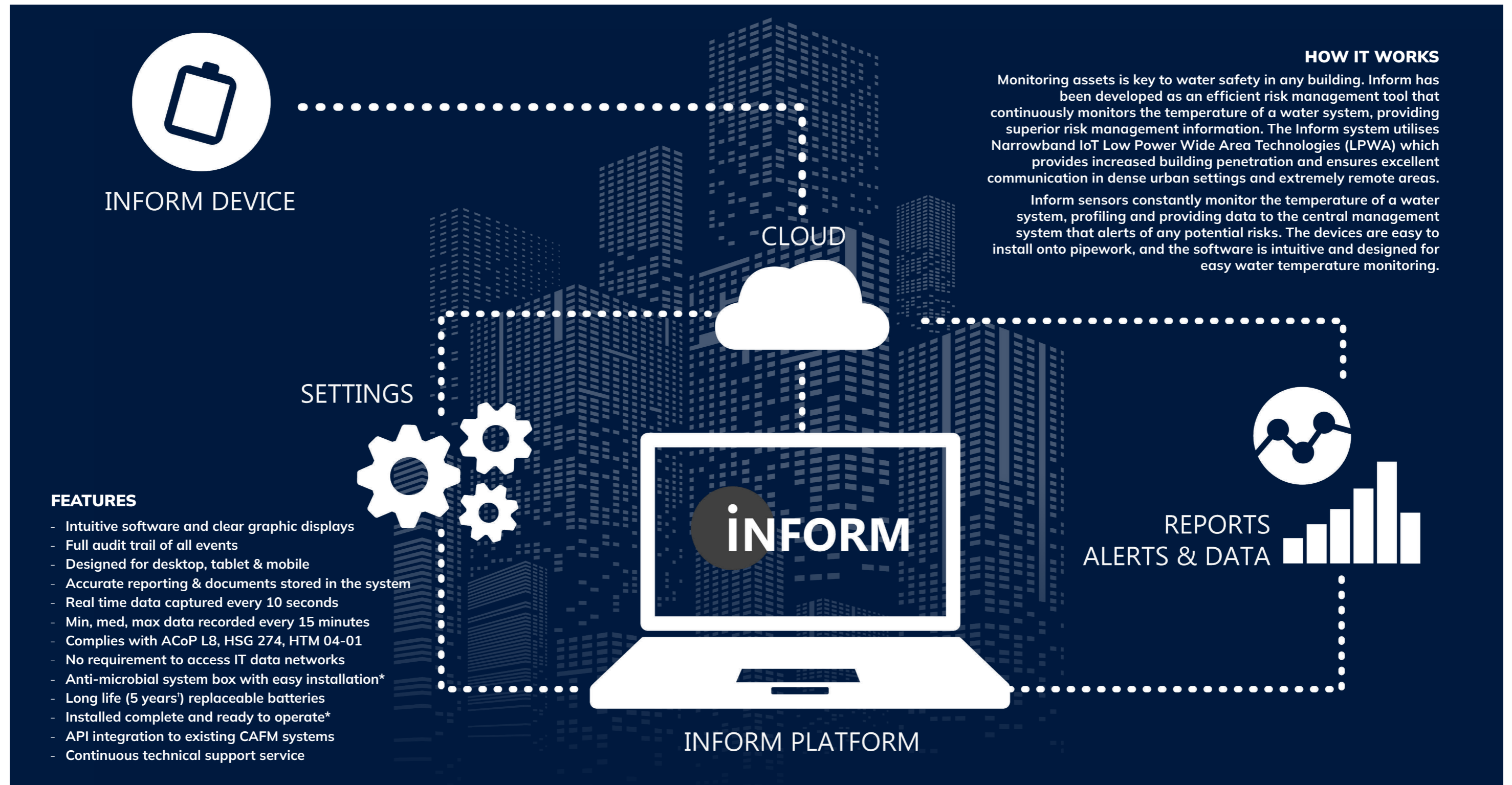
Traditional water monitoring methods can pose challenges, from human error in data collection to site access issues. These issues could potentially lead to non-conformance and health risks within hot and cold water systems where optimum temperatures for microbial growth and stagnation may occur. By integrating intelligent solutions such as the Inform system to your building's assets you can reduce travel costs, reduce on-site disruption and ensure regular and accurate service checks. The smart digital system can also provide environmental benefits due to fewer site visits which reduces fuel emissions.



*A temperature control regime is the traditional means of controlling Legionella in hot and cold water services. Hot and cold water systems should be maintained to keep cold water, where possible, at a temperature below 20°C, and to keep hot water stored at 60°C and distributed so that it reaches the outlets at 55°C within one minute.*

# INFORM WATER TEMPERATURE MONITORING

How it works



\* Inform and sensors provide easy installation in either new builds or refurbishment projects without the need to disrupt existing building structures. Installation must be carried out by a trained professional.

† Battery life is dependant on frequency of signals and settings.

# EFFICIENT MONITORING







Easy management with user friendly dashboard

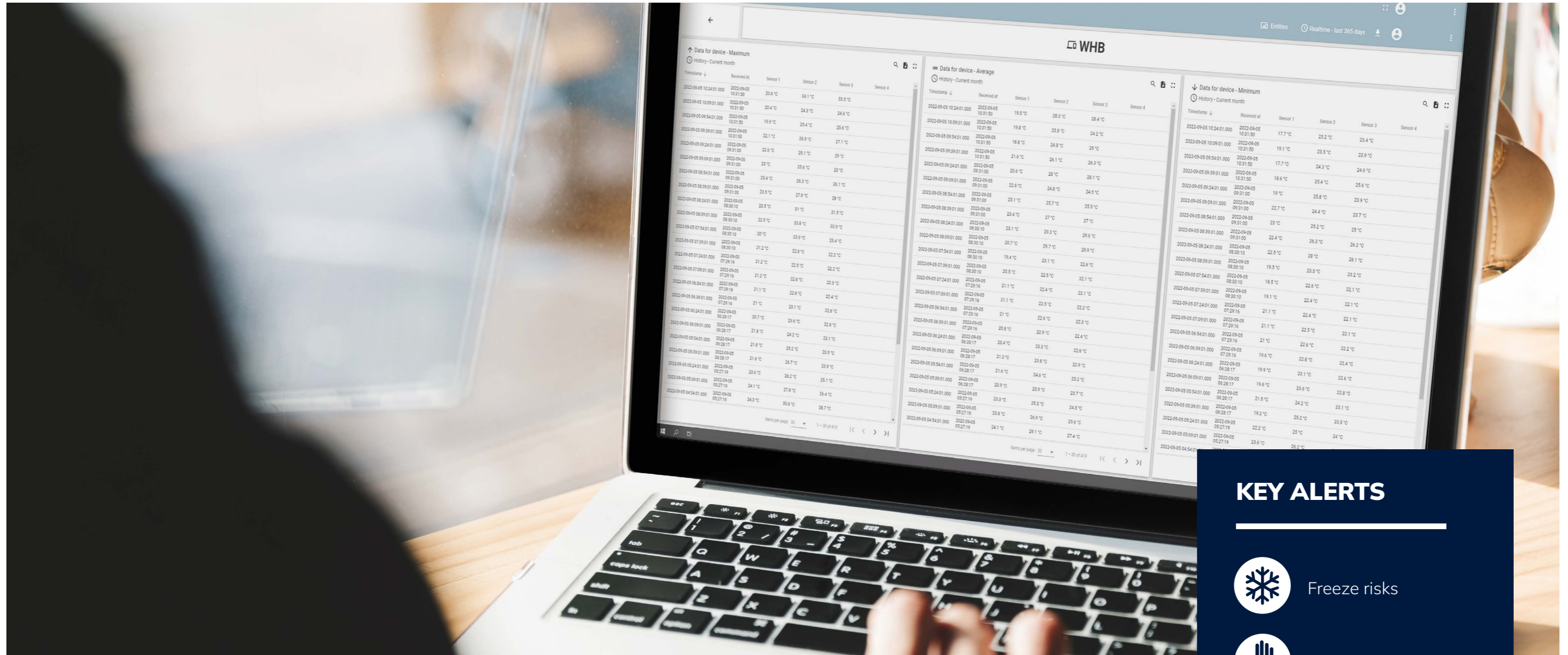


## INTELLIGENT DASHBOARD

The platform has been designed to be user friendly yet practical, with high functionality. The various icons on the dashboard provide you with the functions you need to monitor and manage your assets effectively.

Inform is powered by an intelligent online data management system with a user-friendly dashboard that is accessible on any device. The dashboard consists of 6 key functions that include:

-  **NEW ALERTS**  
Email notifications to report new issues as they happen.
-  **ACTIVE ALERTS**  
Acknowledged & unresolved alerts remain open with default reminders to ensure compliance.
-  **CLOSED ALERTS**  
Rectified issued will close (historical data will still be available).
-  **ADMINISTRATION**  
Upload general notes, contact details, building plans, manuals.
-  **REPORTS**  
Real time 24/7 data and reporting on water temperatures per asset.
-  **INFORMATION**  
In dashboard and within each asset. Plans, user manuals, instructions etc.



### REPORTING

Reporting on the Inform platform is clear and simple to use, making risk assessment and asset management easier than ever before. The reporting is split into two clear sections; Alerts and Temperatures, allowing you to monitor and manage any possible risks at the click of a button. Reports can be exported into a CSV file to easily identify and cross-reference historical data.

### ALERTS

The alerts section provides a clear view of all alerts for the assets in the building. You are able to set clear parameters depending on building needs. Other alerts may include freeze, bacterial, scald and temperature alarms, these are all set depending on building requirements. There is also an option for service alerts in line with PPMs, for example every 6 or 12 months.

### TEMPERATURES

The temperature section is based on each individual asset and the Inform system will report specific to each asset. This data can also be exported in a CSV file and filtered to provide enhanced analytics. The data is also stored by calendar month, making it easily accessible and identifiable when trying to cross-reference specific time frames.

### KEY ALERTS



Freeze risks



Scald risks



Temperature alarms



Service alerts



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**KWC DVS**