EVERYWARE



Case Study Healthcare

Everyware	Healthcare	Results	Quotes	Col
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Everyware Innovation Services

Innovation Services designed and built an IoT-based Solution leveraging the Everyware Asset Management Platform In collaboration with Electro Bio Medical Engineering teams at SWFT, Everyware Innovation Services worked to develop a tailored solution using the Everyware Asset Management Platform. Critical success factors included operating with the existing data communications networks in place and creating an innovative Smart Hub to alert ward staff about temperature excursions. This was implemented to accelerate the precision of data capture providing greater accuracy and transmission for the following additional outputs and reporting functionality stored in the cloud.



temperature excursions



Corrective Action business



integration

Out of hours support



Clinicians Dashboards

Industry	Everyware	Healthcare	Results	Quotes	Contact

Healthcare IoT Solution Provided

Everyware's Healthcare Asset Sensor provides intelligent real time monitoring of critical assets within a health care environment.

At SWFT, equipment such as fridges, medicine storage cabinets, clinicians rooms, operating theatres and blood warming cabinets are just a few of the medical assets we regularly monitor with this tailored Asset Management solution.







Any technology that saves time for Clinical Services teams always results in better care for patients which is the ultimate goal.

Manually recording the temperature of fridges is a time-consuming process when considering a trust may easily own 200+ assets. A trust with 200 assets will be spending 250 person days a year manually checking these assets. The Everyware solution takes a temperature reading every minute, automating the clinician's job of writing down the temperature manually or checking USB data loggers. In turn, allowing greater availability for time to administer care to patients.



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A trust with 200+ assets will be spending at least 250 person-days a year manually checking these assets. Everyware automates the process, taking temperature readings every minute.

Everyware's Asset Management Platform drives business benefits across cold storage value chain

- Reduce Wastage. When temperature deviations occur outside of safe limits (2-8c), compromised medication stock may need a shorter shelf-life applied, or completely scrapped for sensitive medication.
- Reduces errors and inaccuracies. Manually recording temperatures and checking USB data loggers is prone to error.
- Compliance Recording in accordance with CQC national standards. Reliable and accurate temperature logging is a national standard audited by the CQC. Digital records improve efficiency of compliance with accurate data.
- Improved Management Reporting. Developed in partnership with SWFT, the 'Corrective action process'. This innovation provided management information stored in the cloud via the Everyware Asset Management Platform.

- Reduce Maintenance Costs. Poorly performing fridge assets cost a trust more in energy consumption.
- Alerts. Warning indicators for a potential fridge failure.
- Identify poor loading procedures. The Everyware solution helps identify poor loading and stocking procedures.
- Easy to install. The mains powered Everyware Asset Sensor is easy to install with no physical modifications of the assets required.
- Integration with out of hours support. As part of the delivery SWFT required additional integration into existing out of hours support processes.



Solution for SWFT

Everyware helps to automate the collection of critical data from hundreds of fridge assets. The solution provids 24/7 digital temperature tracking & monitoring of storage of high value pharmaceuticals, as well as COVID-19 vaccines, enabling visibility of any issues. Automating what was a manual process typically taking hours, Everyware Innovation services team assisted the NHS to digitally track and monitor the temperature of cold chain storage of high value pharmaceuticals as well as Covid-19 vaccines.

Our Innovation services team customised and enhanced Everyware's off-the-shelf Asset Management solution delivering real time digital asset monitoring, management information for compliance and integration into existing SWFT operational procedures.

The solution automated the collection of mission critical data from hundreds of fridge assets. This included the temperature status of every asset within the trust in just a few seconds, previously this would have taken many hours of manually recording each individual fridge and collecting the data from written notes or USB data loggers.

The outcome guaranteed 24/7 temperature tracking providing nurses with more time for patient care, NHS Clinical services teams increased operational efficiencies whilst lead pharmacists responsible for ensuring the cold chain process is upheld had greater visibility to any issues of critical stock items in danger of becoming perished. Maintenance teams had access to the reports generated which would initiate requests for service or repair.

Industry Everyware Healthcare Results Quotes Contact Image: Contact

Everyware revolutionises the way South Warwickshire NHS Foundation Trust monitor their critical assets within their healthcare environment.

200+

200+ critical assets are monitored every 60 seconds.

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Multiple hospital sites and localities have unlimited historical data.

Clinicians have customised dashboards providing a snapshot of real time temperature conditions in seconds.

Reliably processing

10,000,000+ temperature

data points per month.

Several poorly performing fridges identified and replaced or alerted if doors left open too long.

Critical drugs have been saved averting any loss of stock in due to technical issues with overstocked fridges.

Industry	Everyware	Healthcare	Results	Quotes	Contact
Customer Quotes					

Everyware Innovation Services

"Everyware have the ability to listen and design bespoke solutions that meet our needs whilst satisfying financial restraints. The other benefits are that Everyware are able to customise solutions as per customer requirements which is not possible with an off the shelf solution. Eveyware listen ,they understand the brief and they're willing to work closely with the customer above and beyond what you find from a commercial organisation. We very much look forward to seeing the benefits of the pilot and working closer with Everyware in the future."

Steve Clarke Head of Electrical Bio Medical Engineering

South Warwickshire

NHS

Everyware Asset Management Solution

"The Everyware fridge temperature monitor system has been installed at Stratford Hospital for over 3 years. As well as the obvious benefits of monitoring the ambient room and fridge temperatures to ensure the medicines are kept at the correct temperature it will also provide us with valuable information regarding the performance of our fridges. The data monitoring is continuous and will raise alerts / alarms if set parameters are breached which means we are able to ensure a clear insight into our chilled drug storage and ambient pharmacy conditions. The system was simple and unobtrusive to install. Due to its flexibility and adaptiveness the system has grown in size since the original installation. The services that Everyware provides are reliable, helpful, proactive and they are a pleasure to work with."

Michael Kennedy Property, Estates and Facilities Manager SWFT Clinical Services Limited



NHS



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