



Monitor the safety and quality of medicines during storage in pharmacies

Controlant for pharmacies

Controlant is a global leader in transforming and protecting cold chains in more than 100 countries worldwide. Controlant's next generation facility monitoring solution is sold as a subscription service. It consists of an innovative cloud-based software platform, powered by wireless Internet of things (IoT) data loggers that measure environmental conditions including temperature and humidity, and strengthened by a variety of managed and professional services. Customers pay a monthly usage fee for the hardware, software, and services. This means little upfront investment and enables companies to scale at ease.

The need for safety and quality management

Medicines and vaccines stored in pharmacies must be temperature controlled to ensure their quality and effectiveness. It is critical that pharmacy refrigerators stay within the correct temperature range and that the

ambient room temperature of the pharmacy is closely monitored. One refrigerator of lost product can account for tens of thousands of dollars of ruined medication.

Losses associated with temperature excursions in healthcare in general add up to more than \$35 billion every year, including \$15.2 billion in lost product costs, \$8.6 billion in root cause analysis costs, \$5.65 billion in clinical trial loss, \$3.65 billion in replacements costs, and \$1 billion in wasted logistics costs. The losses in global cold chains are increasing at an alarming rate, in a large part, due to growing demand as well as supply chain complexity and information silos. It is therefore critical to ensure that those medicines remain safe and effective not only during transport, but also once they reach the pharmacies and are delivered to the patient.

Experience the power of visibility and control

Controlant's solutions for facility monitoring are subscription-based, customizable, and built to scale.

Fully connected, digital capabilities

Controlant's facility monitoring solutions automatically connect data loggers and gateways to a private, centralized, cloud platform for real-time visibility across facilities, driving growth and profitability. A real-time monitoring solution reduces the chances of temperature deviations that result in product waste — or worse, become ineffective without the pharmacist or patient ever knowing it.

Controlant devices monitor the temperature and humidity of pharmacy fridges as well as ambient room temperature and they connect with a local gateway to send that data in

real-time to an innovative cloud platform. Real-time temperature monitoring and notifications

In order to comply with regulations, it is critical to monitor the temperature of facilities and fridges. Refrigerators used to store medication in the pharmacy sometimes fail or the door is left partially open. There is no way to know if the temperature has gone out of bounds until it is too late and the products are lost or have become ineffective. Not only that, but the room temperature of the pharmacies themselves can deviate outside of the required temperature range due to weather conditions or problems with the air conditioning system.

Real-time alerts notify the right people via e-mail and SMS if temperatures venture beyond the regulated boundaries, bringing pharmacy owners and managers peace of mind that the valuable medicines and vaccines stored in their pharmacies are safe to sell to their customers.

Share reports and data access with stakeholders

The Controlant cloud platform makes it easy to create customized reports and share them with stakeholders. Pharmacy managers can use this data to assure distributors that medicines are stored under the correct conditions within their facilities, should they need to return products, for example.

Stakeholders gain visibility and control over the temperature performance of an entire chain of pharmacies down to the individual device within a specific location. It is simple to create as many users as necessary and grant them permission to access data, so the right people get the information they need, when they need it. Give access to users to

view the temperature data of all branches or designate their access to a specific region, or even one location.

Professional and managed services

Controlant's solutions for pharmaceutical facility monitoring empowers those responsible for the quality and safety of medicines to stay abreast of critical metrics and situations in real-time when their products are in storage. This allows them to address problems quickly when they arise to proactively prevent damage or waste. Controlant's cloud platform provides customers with data analytics with insights into future decision-making, allowing them to reduce waste, ensure quality, and improve their bottom line.

Included services

- Dedicated customer success and support
- Device calibration and repair
- Device placement and schematics support

Available services

- 24/7 monitoring and response team
- Trends analyses and performance review
- Premium-level support with escalated SLA
- Temperature mapping services

Solutions

- Controlant's services match the solutions needed with each company's specific needs

- Facilitates corrective actions with real-time alerts
- Fully validated
- A cost-effective pay-as-you-go model requires no upfront investments in hardware or software
- Utilizes wireless, reusable IoT loggers that transmit data in real-time to the cloud platform
- Data can be shared with stakeholders

Try a pilot

To learn more, please visit our website or contact us directly. We would be happy to walk you through our solutions.

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Controlant is ISO 9001:2015 Quality Management System certified by BSI.