

Monitor the Storage Temperature of Critical Pharmaceuticals with Wireless Technology



“We’re not doing anything we couldn’t do before. We’re just doing it more easily. That’s it. It’s just easier.”

A major pharmaceutical company needed to monitor the temperature of critical pharmaceutical products stored at multiple building locations throughout a large campus. Some smaller freezers and coolers are movable, so standard wired transmitters had to be reinstalled often. Honeywell worked with the company to provide a wireless solution that improved flexibility while reducing installation costs significantly.

Honeywell XYR™ 5000 wireless transmitters remove the barriers to monitoring variables where traditional transmitters are too costly to implement. They’re designed for applications with no access to power, hazardous or remote locations, where instrumentation changes are frequent or where manual readings are taken today.

XYR 5000 wireless transmitters reliably and securely transmit up to 2000 feet on a 3-5 year battery life with an accuracy of $\pm 0.1\%$. You’ll quickly and safely monitor process areas and assets and receive the following benefits:

- Improve product quality
- Meet regulatory requirements
- Ensure high uptime
- Enhance flexibility

More Information

For more information on Honeywell’s OneWireless solutions, visit our website www.honeywell.com/ps/wireless, or contact your Honeywell account manager.

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Challenges

The customer needs to keep a centralized database of critical temperatures for various products that are stored throughout a large multi-building campus. The data is required for reporting to the Food and Drug Administration and for internal quality control. Wiring costs for conventional transmitters are prohibitive because of the size of the campus and are problematic on the portable freezer/cooler units.

OneWireless Solution

The Honeywell XYR 5000 wireless transmitters were the perfect solution. They eliminated the wiring cost issue completely and made moving coolers and freezers a lot easier for the operations staff. The data provided by the wireless transmitters could also be fed into Honeywell’s Experion Process Knowledge Solution (PKS) for a centralized database and are used with Honeywell DocuMint RX software to help the operators provide the best data in the most efficient manner for their customers and for the FDA.

The customer has installed more than 100 wireless transmitters throughout the plant and is pleased with their flexibility and ease of use, with their performance and with money saved through the elimination of hard wiring and its associated installation costs.