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Meeting Regulations with M2M

Even though M2M has a lot of headway to make in the area of remote healthcare, more and more healthcare providers are beginning take advantage of machine-to-machine technology as a means to better meet government regulations.

AeroScout Inc., www.aeroscout.com, Redwood City, Calif., recently debuted a wireless temperature monitoring application to help hospitals automate freezer and refrigerator monitoring. The solution, which uses Wi-Fi networks to transmit data, can not only alert staff of dangerous temperature fluctuations but also assist hospitals with the logging of data required for regulatory compliance.

"Through applications like wireless temperature monitoring, AeroScout's Healthcare Visibility Suite is helping many of the world's leading hospitals increase regulatory compliance, improve processes, increase safety, and enhance patient care," says Gabi Daniely, vice president of marketing and product strategy, AeroScout.

According to AeroScout, Jan Yperman Hospital in Belgium is already using the temperature monitoring technology.

"Automatically monitoring and reporting on asset temperatures will free our nurses and clinical staff up to do what they do best: provide our patients with the highest quality care possible," says Christophe Mouton, director of administration, finance, ICT, and technical service, Jan Yperman Hospital."

Because the solution uses standard Wi-Fi, Mouton says deploying the technology has been a positive experience. "The ability to use our existing Wi-Fi infrastructure to monitor temperature is a major advantage offered by AeroScout, and one that keeps costs low while integrating easily into our clinical environment," he explain.

Hospitals are required to keep certain products and medications at very specific temperatures. As such, keeping a close eye on freezers and refrigerators used to store those items is very important.

According to AeroScout, the temperature monitoring solution uses Wi-Fi RFID (radio frequency identification) tags that come equipped with temperature sensors and a software module to enable logging of data and action in response to that data.

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