How a Brewing Company Is Providing A Safe Environment for Brew Temperatures

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About Mighty River Brewing Company
Since 2018, Mighty River Brewing Company in Windsor, Colorado has been crafting top-tier, specially branded beers through carefully researched and designed recipes. Mighty River Brewing Company follows an exact brewing process using fine-tuned equipment and carefully monitored refrigeration units for storage.

The Challenge
Mighty River Brewing needed insight into their brewing facility with both motion detection and temperature monitoring. If a cooler, pump, or other equipment malfunctions, it will cost the brewery a week or more of inventory. With limited resources, Mighty River Brewing was looking for a modernized, easily deployable solution to monitor and provide real-time notifications. Increasing demand with increasing brewing oversight required out-of-the-box thinking to solve the problem created by their success. With IIoT technology, Mighty River Brewing installed, matchbox-sized sensors to their machinery and entry points without the need for wires or configuration.

The Solution
A complete end-to-end solution using Swift Sensors Cloud wireless sensors gave insight into their day-to-day workflow. The Mighty River Brewing Company installed a Swift Sensor Standard Bridge and seven Swift Sensors Wireless Sensors. Creative use of sensors, such as the 301 Wireless Door Sensor relays data as to when people leave the building and even sends a text message to management once all of the employees have left for the evening. Additionally, deployment of the 101 Wireless Temperature, Humidity and Dew Point Sensor reassured Mighty River Brewing’s brewmasters with the confidence in their refrigeration equipment maintaining required temperatures.

“If any part of our brewing process moves outside the range of our preset thresholds, we instantly receive an SMS text message or phone call so that we can act quickly to resolve issues and save inventory. It’s like having an assistant brewmaster on site 24 hours a day – every day.”

~ Tim Miller, Brewmaster
The Results
The Mighty River Brewing Company solution has been monitoring its operation 24/7. The wireless monitoring solution gives a real-time view of their operational efficiency within their facility. Specifically, Mighty River Brewing can now determine the temperature measurement of their coolers and freezers and compare timesheets for their employees once they have left for the day in real-time.

About Swift Sensors
Founded in 2015, Swift Sensors Cloud Wireless Sensor System offers businesses a low-cost, unified solution to proactively protect and monitor equipment and processes, comply with regulations, and enhance business performance. The system can be fully deployed in minutes at one-tenth the cost of traditional solutions. The Swift Sensors cloud-based system incorporates sophisticated analytics to deliver business intelligence and a rapid return on investment.