

Use Case: Environmental Monitoring for Enhanced Restoration Processes

Problem

As the climate continues to change, natural disasters like fires, floods, and mold infestations are on the rise, creating a greater need for restoration services. To guarantee effective restoration, prevent further harm, and comply with industry regulations, restoration companies must closely monitor environmental conditions at damaged properties. In the hurricane-prone state of Florida, a restoration company was in the market for a reliable, cost-effective monitoring solution to ensure the integrity of its work and prevent mold growth.



Solution

The company's manager reached out to Onset for a solution, and ultimately selected the [HOBO MX1101 data logger](#). The HOBO MX1101 is an affordable, compact, Bluetooth data logger that measures and transmits temperature and relative humidity data wirelessly to mobile devices or Windows computers running the free [HOBOconnect app](#). MX1101 loggers can be easily deployed at various locations throughout a restoration site, allowing the user to download data wirelessly when within 100 feet of a logger. Adding the optional [MX Gateway](#) device gives the user the additional advantage of 24/7 access to data via the [HOBOLink cloud software platform](#), which also provides automatic email/text alerts should conditions exceed user-set thresholds.



Results

By implementing the HOB0 MX1101/MX Gateway solution, the company now relies on continuous monitoring and real-time alerts to ensure that humidity and temperature levels remain within acceptable ranges throughout its restoration sites. The company's ability to respond immediately to adverse conditions also saves its customers from the expense of costly remediation and potential damage caused by mold growth. In addition, the detailed data logs and reports stored in the HOBOLink platform provide a clear record of restoration activities both for insurance purposes and for streamlined compliance with industry regulations. The company can also analyze the historical data to identify trends and optimize its restoration processes. And the remote monitoring capability that the MX Gateway provides allows the company's manager to oversee multiple restoration projects simultaneously, thereby improving project management efficiency and reducing travel costs.

HOB0 MX1101 data loggers are like our silent partners, always watching out for us and our customers, and ensuring that our commitment to excellence is backed by real-time data.

- Florida-based restoration company manager

Products Used

Product	How it was used
HOB0 MX1101 Temperature/Relative Humidity Data Logger	To monitor environmental conditions at restoration jobsites
HOB0connect monitoring app	To wirelessly offload temp/RH data from HOB0 MX1101 data loggers
MX Gateway	To collect data from HOB0 MX1101 loggers and automatically send it to the HOBOLink cloud platform
HOBOLink Remote Monitoring Software	To remotely access critical environmental data and receive automatic notifications if conditions exceed user-set thresholds

ONSET

1-508-759-9500
www.onsetcomp.com
sales@onsetcomp.com

Onset Computer Corporation
470 MacArthur Blvd, Bourne, MA 02532