

Water Damaged Building Restoration Drying Equipment Monitoring

Water damage to a building is often surprising and traumatic to the occupants. Restoration of the building is time-critical, with a short amount of time before mold and mildew take hold and result in a larger restoration cost for the building owner.

The drying process is a central part of the restoration of water damaged buildings. Success is determined by the right use of equipment as early as possible. Every affected structure is unique, requiring a mix of drying equipment positioned at specific locations and working for a precise amount of time. There's a lot of manual labor involved with keeping an eye on the drying equipment and making adjustments as conditions change. It's extremely difficult to be there all the time and make the most efficient use of the drying equipment. As a result, drying times are often longer and labor costs higher than necessary.



THE SOLUTION

ZTR's InReach™ solution gives you the drying process visibility you need to improve consistency and maximize efficiency. InReach reports help you compare each restoration job with the latest industry standards. You can trend the moisture content and temperature data, find out if you are using the right equipment for the job, and produce more accurate estimates of costs.

With remote asset management, visibility starts at the site even before the job begins. Software Applications on your mobile smart phone can provide a list of available equipment and their location. Remote monitoring of the drying process can be done using wireless sensors installed to continuously track moisture content in building materials. Psychrometric algorithms overlaid with an intuitive user interface can make forecasting the drying time simple. By having the latest scientific knowledge of the restoration industry at your fingertips, the equipment can be setup right the first time. In addition, viewing the calculations removes the uncertainty in each job, which helps to reduce the number of trips to the site.

ZTR's InReach solution allows you to remotely track the location of your larger drying equipment. The online geographical mapping system shows all of your assets in a service region at a glance. Key parameters are displayed for each piece of equipment. Details are one click away, revealed by drilling-down, zooming-in or hovering over system icons. The trends can be observed remotely from anywhere using your computer or smart phone. Alerts can be set on thresholds to automatically notify you of phase completions and warn you in case of divergence from optimal drying conditions. Reports on equipment usage will assist in performing preventive maintenance. Maintenance management software tracks the runtime of equipment, allowing you to create maintenance plans and schedule resources efficiently. And finally, a job report can be generated and submitted to the client as proof of a job well done.

Reduce your restoration drying time and costs, all while setting yourself apart from the competition!
Call us today at 952-233-4707 or email us at connectedsales@ztr.com