

rCloud - Capturing the moment, a new era in automated testing

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ABSTRACT

Hand-written results are a thing of the past. See how your phone or tablet and common testing gear can perform an automated cloud based test with secure data storage. Retrotec's new rCloud app allows technicians use their iPhone or 4G tablet to perform a fully automated blower door or duct test.

The rCloud app is more than an automated testing, it provides an entire data set from exactly where, when and the conditions of the test. It "captures the moment"

The app uses GPS location services built-in to the phone/tablet to confirm the testing location and places location on a live map. It collects local weather and housing information from local resources. The rCloud connects directly to the DM32 smart gauge to perform any number of tests - then securely stores all this data and images on a remote server. Share the results immediately thru email or view the test online.

Additional concepts-

Individual accounts,

Multiple testing protocols,

Learning objectives & take a ways.

1. How the test data and conditions at the time of the test can be captured, stored and shared from the job site.
2. How captured data can be directly imported/exported into local or municipal data bases to determine compliance.
3. The required tools or common phone/tablets, intuitive software and equipment are affordable to perform automated testing and cloud storage of test data.
4. This type of testing is the future of testing and provide Quality Control in the industry and will soon be a requirement.