

# viewLinc for Chamber Monitoring™



**Temperature & Humidity Monitoring / Alarming**

The Veriteq Solution at Work

## CASE STUDY - Stability Department of a Pharmaceutical Company

### PROBLEM

This stability department uses chart recorders to monitor their stability chambers. The following worrisome system weaknesses were revealed by a risk assessment:

- > Chart recorders offered no protection during a power outage - so the chart recorder would stop working at the most critical point in data recording.
- > Dubious accuracy and calibration of the chart recorder records, due to the mechanical nature of these devices.
- > Limited to paper storage of critical records -issues of paper loss or pen ink running dry. Vital data hits a "dead end", forbidding import to Excel spreadsheets or other programs.
- > Control AND monitoring of the chamber performed by the same sensor - so any problem with that sensor would be invisible as conditions would appear to be normal.
- > Lack of a reliable 24/7 alarm notification system.

The stability manager needed a better solution, and initially considered hard-wired lab monitoring systems. At that point, two key concerns emerged:

- > Hard-wired systems were very expensive and demanded annual maintenance contracts.
- > The entire hard-wired system had to be installed at once, which meant that all stability chambers must be empty and inactive simultaneously.

The near impossibility of co-ordinating this downtime, along with the high costs of the system and the downtime, sent the stability manager looking for a smarter alternative.

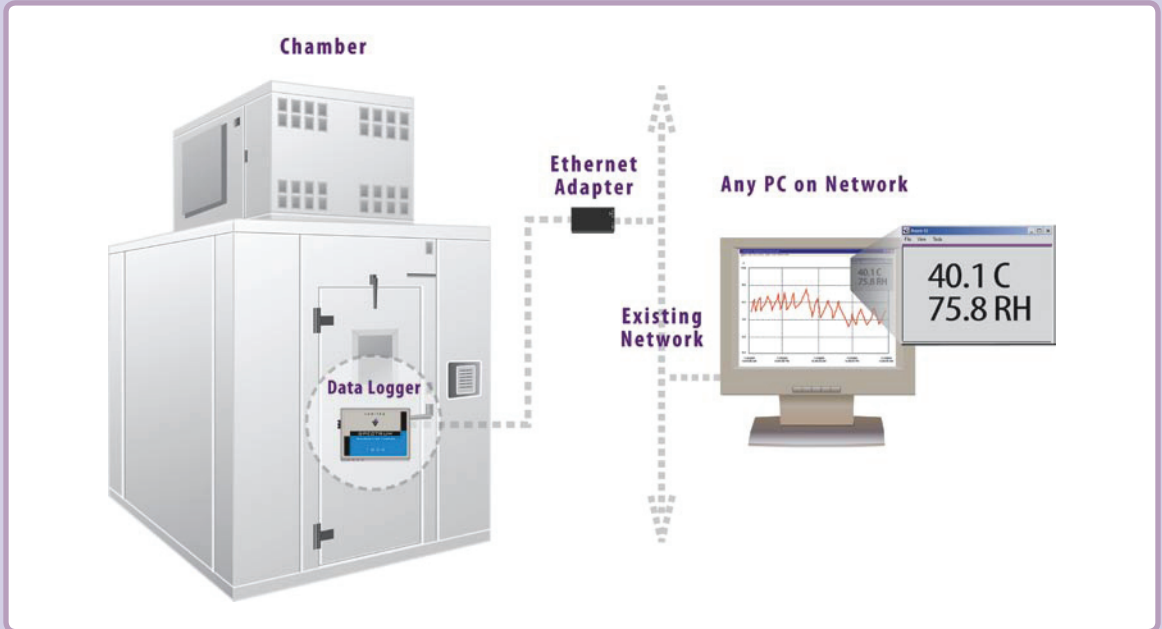
### HOW DID THEY SOLVE THE PROBLEM?

After hearing about Veriteq's "viewLinc for Chamber Monitoring", the stability manager decided to install this reliable and accurate monitoring system with minimal hassle and at reasonable cost.

#### ITS MOST USEFUL FEATURES INCLUDED:

- > 21CFR PART11-COMPLIANT DATA: Temperature and humidity records can be validated
- > REDUNDANT DATA STORAGE: Each data logger stores a copy of records
- > SUPERIOR ACCURACY: to +/- 2% RH and to +/- 0.15°C; Precision: 0.05% RH and 0.05°C (at 25°C).
- > IMMUNITY TO POWER OUTAGES: Each data logger has its own 10-year battery
- > ALARM NOTIFICATION: 24/7 coverage with email to PC, pager, or mobile telephone
- > EASY INSTALLATION: Typically done in-house in less than an hour

## SO EASY TO INSTALL .... LINKS TO YOUR EXISTING NETWORK



## COMPLETE "VIEWLINC CHAMBER MONITORING" SYSTEM

- > Precision temperature & humidity data logger
- > A2LA-accredited calibration certificate
- > Digi serial-to-Ethernet adapter and cabling
- > 21 CFR Part 11-compliant data logging software
- > Real-time alarm monitoring software
- > Perpetual software site license



Since 1994, Veriteq Instruments has been an innovator in mission-critical monitoring solutions that help customers improve information gathering and lower data collection costs.

Veriteq Instruments develops and manufactures high-quality, high-performance portable data logging devices. Veriteq Instruments has been refining the accurate measurement of temperature and relative humidity in data loggers for a decade.

Veriteq is dedicated to providing industry-leading solutions through teamwork, superior technology and operates under the highest business standards. Our flexible monitoring concept -- combining viewLinc central monitoring with portable data loggers -- provides small and large enterprises with scalable, cost-effective, decentralized monitoring solutions for virtually any application.

Veriteq's deep data collection experience and knowledge matters to customers. That's why a long list of repeat clients in the pharmaceutical industry, the military, hospitals, shipping and other industries turn to Veriteq solutions.



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