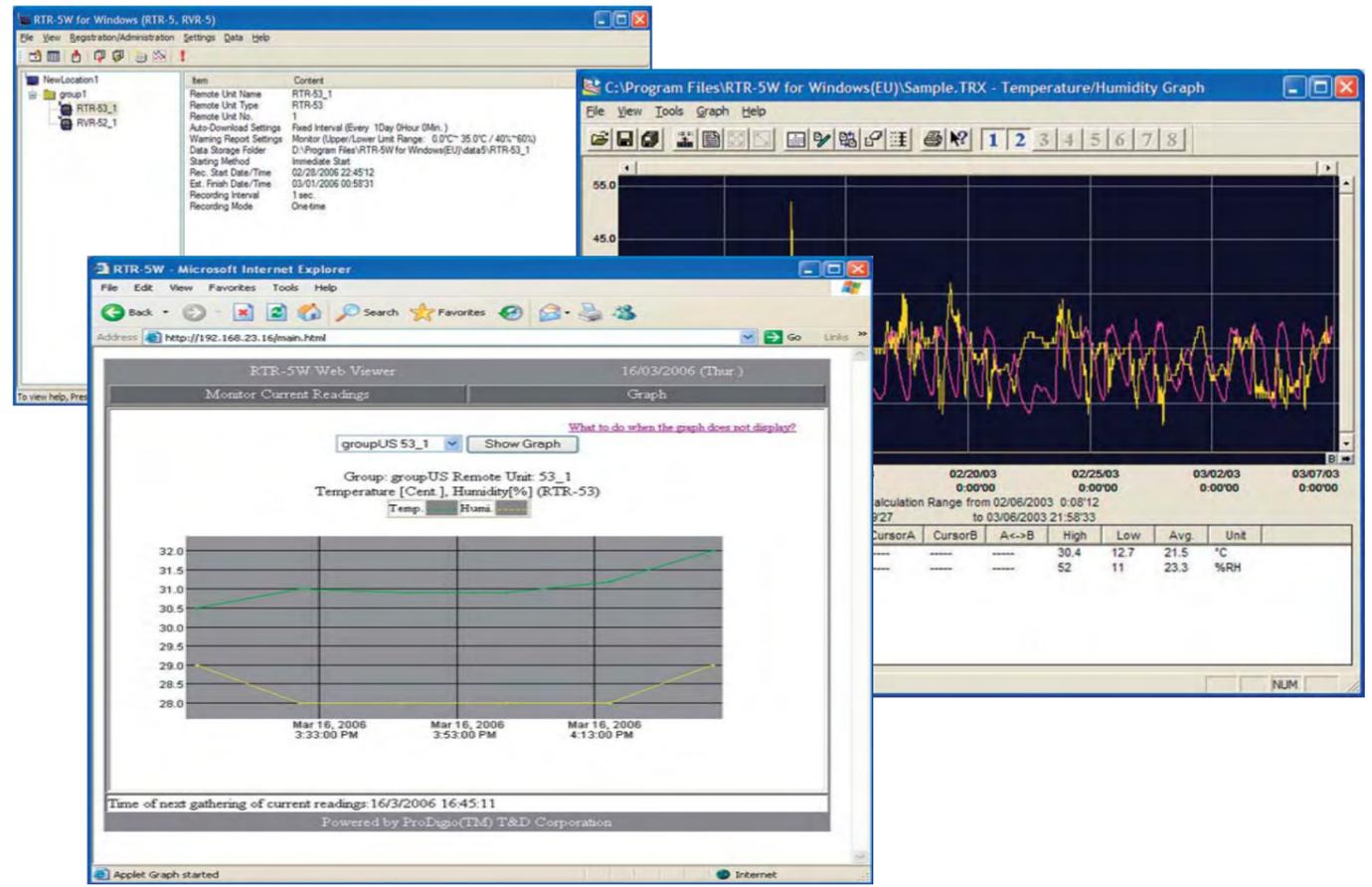# Software

RTR-5W for Windows

The RTR-5 Wireless Data Logging System is shipped complete with all the software needed for normal operation. The application modules include: RTR-5W for Windows, Temperature / Humidity Graph, Multi-Scale Graph and Event Viewer, and supports activities such as:

- Auto-downloading of Logged data
- Monitoring of Remotes in Real-Time
- Manage & Configure Warning Notifications
- Organize Archival Storage of Data
- Configure Loggers & Recording Parameters

- Manage & Configure Measurement Point Topology
- Add or Remove Loggers, Repeaters & Collectors
- View & Print Data in Graphical or Tabular Formats
- Register Loggers Optically for System Security
- Export Data as Text for Use in Other Applications

RTR-5W VLD for Windows (Secure Software for 21 CFR Part 11 Applications)

T&D's VLD for Windows is a software solution for institutions required to meet the FDA's 21 CFR Part 11 requirements for tamper proof electronic record keeping. VLD for Windows facilitates the creation of validated data files downloaded from TandD's RTR-5W Data Collectors that have been gathered from RTR-5x series wireless data loggers. VLD for Windows support the following features for establishing 21 CFR Part 11 Compliant systems:

- Fully Encrypted Data Files
- Electronic Signature Access Control
- Full Audit Trail Logging

- Secure Administrator Mode
- User Definable Permissions
- Secure Data Archive Viewer

All data files are tamper proof and will be locked if unauthorized access is attempted. Data logger registration and configurations are permitted only from within the secure software environment.

On April 13, 2009 T&D Corporation will move its main office and new contact information listed below will go into effect.

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Wireless Temperature Monitoring System TandD

Automatic Data Collection - Warning Notification - Wireless Installation

For Hospitals & Medical Facilities

- Freezers & Refrigerators
- Incubators
- Blood Banks
- Pharmacies
- Laboratories
- Food Service

Automatic, Error-Free Record Keeping
- For JCAHO Inspections

TandDs RTR-5 Wireless Data Logging System allows for completely configurable, multi-point recording and reporting of temperature, humidity and other environmental parameters. Recorded data is then automatically downloaded and archived to a server or other centralized data collection point without the need for operator intervention. Automated data recording and collections means that archived records will always be accurate and complete.

Web View of Data
- Over LAN, WAN or Internet

Each RTR-5W Data Collector contains an integrated web server. This means that users can view current readings and historical values in either tabular or graphical format using common web browsers, such as Internet Explorer. This allows users to view data from anywhere on the network, or over the Internet, without having access to sensitive system controls and settings.

Reduce Loss w/ Warning Notifications
- To Pagers and Cell Phones

The TandD Wireless Data Logging System allows both upper and lower warning limits to be individually set for each measurement point. When any limit is exceeded, the RTR-5W Data Collector will originate a warning notification message and send it to up to 5 differerent E-mail addresses, cell phones or pagers. Each warning notification will contain the location of the measurement point and the out of tolerance reading. Since the RTR-5W connects directly to the LAN and contains its own smtp client no PC is required for the notification process.

Blood bank

Refrigerator

Incubator

Laboratory

Pharmacy

Repeater

Freezer

Food Service

Completely Scalable
- Build-to-Suit Configuration

Whether the requirement is for one measurement point or hundreds, the RTR-5W Wireless Data Logging System can be configured to need. Data loggers, Data Collectors and Repeaters can be configured in almost any arrangement to reliably monitor and record areas ranging from a single wing up to a multi-building campus - all controlled from a single centralized location.

Independent Operation

TandD Data Loggers are fully independent, battery operated recording devices. This means that parameters are continuously recorded right at the measurement point, even in the unlikely event of a power outage or should the network go down. Once normal conditions are restored all data can be downloaded from the logger without gaps or loss of information.

External Output

Base Unit

Network or Internet

Send Warnings to Pagers & Cell Phones (w/o a PC)

Send Warning Report E-Mails

Auto Download Recorded Data

Monitor Current Readings