Continuous data archiving

Continuously downloading mechanical
and electrical system logs into an
industry standard SQL database,
RC-Archive™ delivers a robust record
of performance from any internet-
connected BACnet® facility.

RCArchive™
Data Acquisition Software

Better by design

www.reliablecontrols.com/RCA

RC-Archive™

TECH SPECS

Recommended Server Requirements

- Intel Core i5, 3GHz PC
- 4 GB RAM
- 10 GB hard disk space free, or higher, appropriate for archiving needs
- CD-ROM drive or Internet connection for software installation
- Network Interface Card (NIC) for Ethernet communications
- *Windows 2008 Server R2 / Windows 7*
- *Microsoft SQL Server 2008 R2 Workgroup Edition/SQL Server 2012 Standard Edition* (purchased separately for databases exceeding the 10 GB SQL Express database size limitation)
- Dedicated USB 2.0 port for RC-KEY licensing (soft license optional)
- Ensure IT management processes do not allow SQL database size limitations to be exceeded

FEATURES

BACnet Support

- Archives BACnet Single-point Trend Log, BACnet Multipoint Trend Log and BACnet Runtime Log objects
- Archives Trend Log objects from any IP connected third-party BACnet system

RCP Support

- Archives RCP Trend and Runtime Logs

Easy Setup

- Wizards guide the operator to provide easy setup
- Intuitive data table names created
- Simple to archive all Trend Logs and Runtime Logs in a system, network, or controller
- Enable All feature allows convenient filtering by point type and interval length
- Browse through multiple controllers and create archives from multiple buildings or systems
- *Microsoft SQL Server 2008 R2 Express Edition* included with software

Rigorous Logging

- Efficient log file structure
- Continues to log data to file system while SQL database unavailable
- Multiple simultaneous instances supported

Graphing

- Requires RC-Studio®, or a browser with RC-Reporter™, RC-WebView™ access, or a MACH-ProWeb™ controller
- Graphing with zoom, pan, and paging capabilities
- Simultaneously graph archive data with real-time data

Exporting

- Export to *Microsoft Excel*
- Standard SQL database accessible by third-party applications

Automation

- RC-Archive™ will log data without user intervention
- Runs as a *Microsoft Windows* service
- Archive size only limited by SQL license and hard disk space
- Broadcast server status notifications to user-defined email recipient list using SMTP

Certification

- BTL Listed (B-Oth)

ORDERING

RC-AR3-200

- License allowing 200 points to be archived c/w RC-KEY (USB Software Key)

RC-AR3-200A

- Adds 200 points to existing license (must have previously purchased RC-AR3-200)
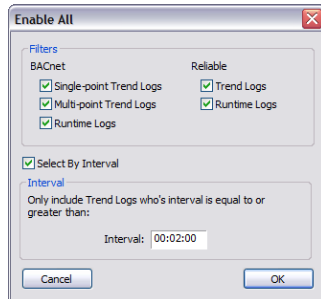- Upon purchase of the 24th unit of RC-AR3-200A, the license is tagged as a site license, equivalent to RC-AR3-5000

RC-AR3-5000

- Site license allowing unrestricted number of points to be archived c/w RC-KEY (USB Software Key)

RC-AR3-S200

- License allowing 200 points to be archived c/w soft license (no USB Key required)

RC-AR3-S200A

- Adds 200 points to existing soft license (must have previously purchased RC-AR3-S200)
- Upon purchase of the 24th unit of RC-AR3-S200A, the license is tagged as a site license, equivalent to RC-AR3-S5000

RC-AR3-S5000

- Site license allowing unrestricted number of points to be archived c/w soft license (no USB Key required)
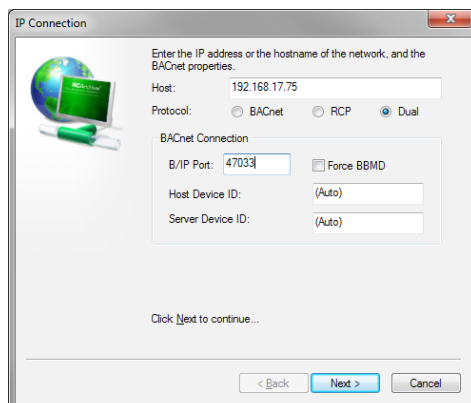
RC-AR3-M

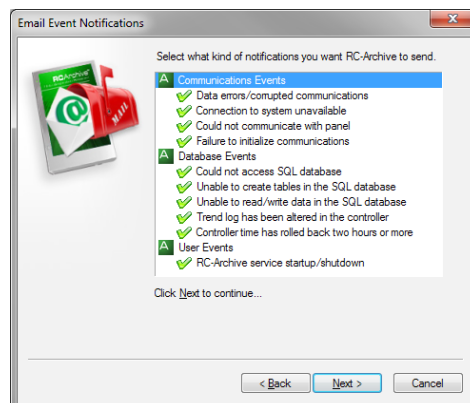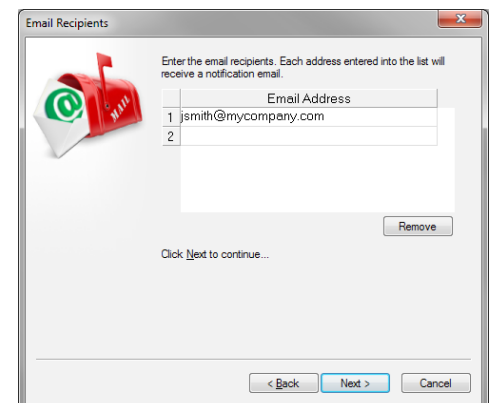- RC-Archive software manual

SCREEN CAPTURES

Enable All option

IP Connection to any BACnet or RCP facility

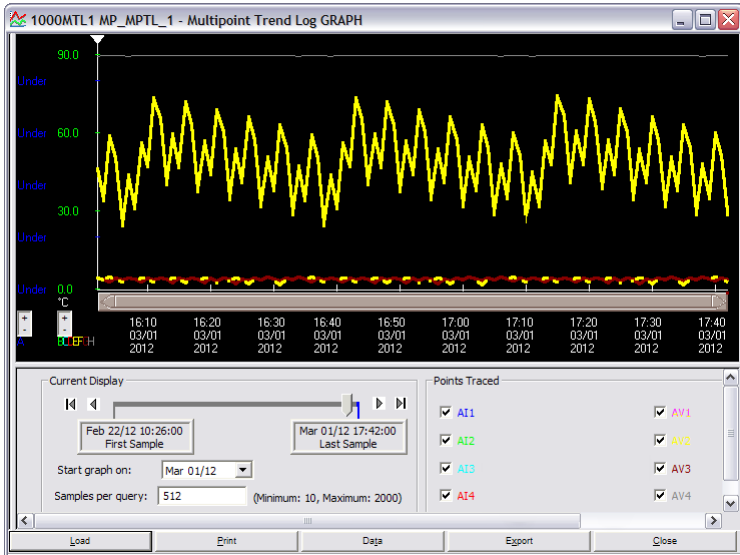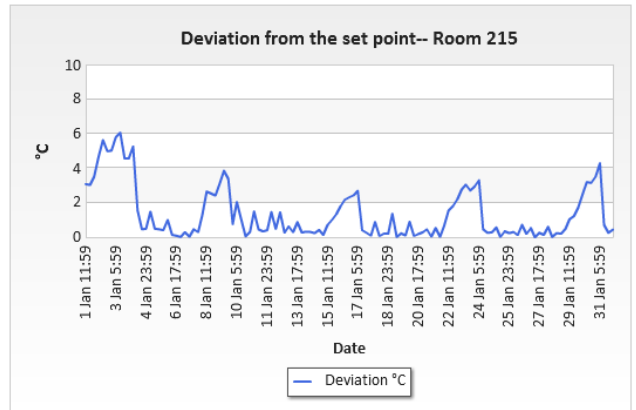Email Event Notifications sent to user-defined recipient list

Email Recipients

Designed and Manufactured in Canada

Single-point Trend Log Accessed Through RC-Studio®

Deviation from the set point-- Room 215

Trend Log data viewed by Data Range Component in RC-Reporter™

Multipoint Trend Log Accessed Through RC-Studio®

Trend Log accessed through MACH-ProWeb™ **controller**