

Raychem SUPERVISOR ENTERPRISE EDITION HEAT-TRACING CONTROLLER CONFIGURATION AND MONITORING SOFTWARE

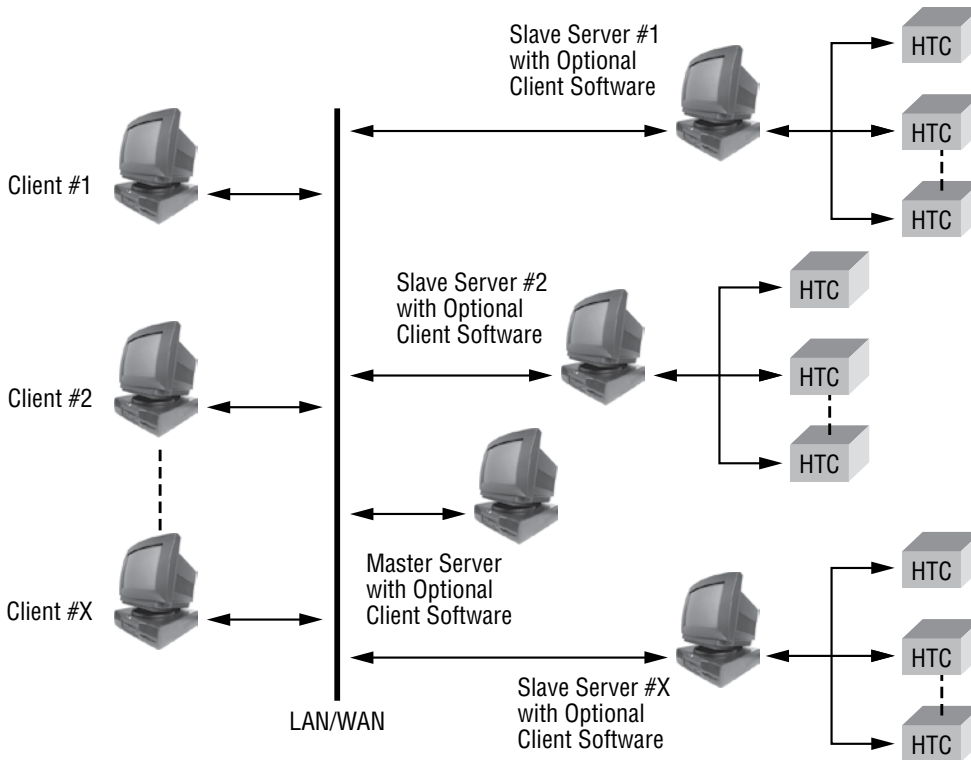


Figure 1: Typical Single Master, Multi-Slave Server, Multiple Client System

HISTORY

The Raychem Supervisor heat-tracing controller configuration and monitoring software provides a graphical user interface for Raychem communications and controller products. The software supports one or more NGC Series controllers, 780 Series/GCC-9000 Group Communications Controllers, Raychem T2000 AC 2000+ alarm/communications interface cards, and most Raychem Controllers supporting the Modbus® protocol.

RAYCHEM SUPERVISOR allows central configuration and monitoring of any Raychem controller installed in the field that includes the appropriate communications interface.

Full featured alarm monitoring with the ability to acknowledge and clear alarms is provided. Advanced features such as data logging & trending, batch & recipe processing, scheduled events, etc. are also incorporated into the software

The Enterprise edition of the software includes full multi-user, multi-server and networking capabilities. Electric Heat-Tracing (EHT) system information can now be accessed and managed from almost anywhere in the world, using the latest connectivity technologies. This flexibility can reduce the cost of installing communications to controllers within your facility. Devices are no longer limited to simple hard-wired serial communications, but can now take advantage of existing network infrastructures including Ethernet LANs (Local Area Networks) and Internet-based WANs (Wide Area Networks).

Raychem Supervisor — a powerful, integrated management tool for your Electric Heat-Tracing system.

SPECIFICATIONS

System requirements	<p>To install and run the software, you will need:</p> <ul style="list-style-type: none">• Master Server Computer:<ul style="list-style-type: none">– Pentium® 4– 2.4 GHz or faster (Recommended), Pentium III– 500 MHz (Minimum) IBM-compatible personal computer– A hard disk with at least 500 megabytes of free space (Recommended), 150 megabytes (Minimum)– 1 gigabyte of RAM (Recommended), 256 megabytes of RAM (Minimum)• Slave Server Computer(s) (Optional):<ul style="list-style-type: none">– Pentium 4– 1 GHz or faster (Recommended), Pentium III– 300 MHz (Minimum) IBM-compatible personal computer– A hard disk with at least 150 megabytes of free space (Recommended), 50 megabytes (Minimum)– 256 megabytes of RAM (Recommended), 128 megabytes of RAM (Minimum)• Client Computer(s):<ul style="list-style-type: none">– Pentium III– 500 MHz or faster (Recommended), Pentium II– 300 MHz (Minimum) IBM-compatible personal computer– A hard disk with at least 50 megabytes of free space– 256 megabytes of RAM (Recommended), 128 megabytes of RAM (Minimum)• CD-ROM drive• 1 or more available serial ports (for Master or Slave Computers that connect to field devices)• A mouse or other compatible pointing device• SVGA display with 800x600 resolution• Microsoft Windows® XP Pro SP3 or newer (Slave & Client Computers)• Microsoft Windows Server 2000 thru 2008 (SQL Masters)• Microsoft SQL Server 2000 thru 2008 (SQL Masters)• Microsoft .NET Framework version 4.0• Microsoft Windows 7/Vista compatible (32 or 64 bit)• Network Connectivity
Registration	<p>Raychem Supervisor will run in DEMO mode for up to 14 days until you register and activate the software. For more information about how to register, see the Raychem Supervisor Operations Manual (H57576).</p>
Controller compatibility	<p>This software is compatible with any of the following controllers that have the appropriate communications interface installed:</p> <ul style="list-style-type: none">• NGC-40 Bridge, HTC, HTC3 and I/O modules• NGC-20 Controllers• NGC-UIT/UIT2 with NGC-30-CRM and -CRMS Controllers• 910/915/920 Series HTCs• T2000 systems using AC2000+ communication interfaces• Legacy systems using GCC-9000/780 Series group communications controllers:<ul style="list-style-type: none">– 720/HTC-9000/HTC-9000 CAS HTCs– 790/HTC-9100 Series HTCs– T2000 systems using AC2000 communication interfaces

SPECIFICATIONS

- = Full or enhanced support
- = Limited support

		Raychem Supervisor Standard Edition	Raychem Supervisor Enterprise Edition
Product Support	NGC-40 Bridge, HTC, HTC3 and I/O modules NGC-20 Controllers NGC-UIT/UIT2, NGC-30 Controllers 910/915/920 Series Controllers T2000 Controllers Legacy Devices (780/GCC, 720/790/-9000/-CAS/-9100 HTCs)	●● ●● ●● ●● ●● ●●	●● ●● ●● ●● ●● ●●
HTC Connectivity	Serial (RS-232, RS-485) Ethernet Support for extended addressing Unique Communications Settings per Device	●● ●● ●● ●●	●● ●● ●● ●●
System Features	Multi-Level security System Management by Plant Group Product Configuration Real-time Monitoring Alarm Scanning/Logging Individual User-defined Preferences Multi-Level Device Alarm Priorities	●● ●● ●● ●● ●● ●● ●●	●● ●● ●● ●● ●● ●● ●●
Data Management	Enhanced Documentation Drawing Viewer Data Logging & Trending Data Import/Export Visual and Printed Reports Database Utilities History Logging System-wide Data Synchronization Internal User Messaging	●● ●● ●● ●● ●● ●● ●● ●●	●● ●● ●● ●● ●● ●● ●● ●●
Automation	Batches Recipes Event Scheduler Email on Alarm Offline Modes Automated Steam-Out Feature	●● ●● ●● ●● ●● ●●	●● ●● ●● ●● ●● ●●
Networking	Multi-User Connections Multi-server Architectures Remote Connectivity (LAN/WAN+VPN) Administration Tools	● ¹ ●● ●● ●●	●● ●● ●● ●●

1. Limited to 4 users (clients)



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