

PRESS RELEASE

August 15, 2016

Reliable Controls® Releases RC-RemoteAccess®

Simplify your MACH-System's Internet configuration while improving your cyber security with this IT-friendly, BACnet® Virtual Private Network (B/VPN) software.



Victoria, BC, Canada – Reliable Controls is pleased to announce the official release of RC-RemoteAccess, BACnet Virtual Private Network (B/VPN) software that simplifies and secures the internet connection to any remote MACH-System. Features include:

Simplifies Internet Configuration

- Eliminates BACnet Broadcast Management Devices (BBMDs), Broadcast Distribution Tables (BDTs), static, public IP addresses, and remote forwarding of unencrypted BACnet communications through firewalls
- Supports Domain Name Server (DNS) or static IP for server ID
- Supports Dynamic Host Control Protocol (DHCP) clients
- Hosts multiple B/VPNs by name, not port number

Secures All Communications

- Connects multiple remote systems into a single, BACnet Virtual Private Network (B/VPN)
- Requires only a single inbound port for multiple B/VPNs
- Uses 256-bit encryption
- Requires authentication and system identifier credentials
- Uses TLS protocol (version TLS 1.2 or greater)
- Supports 2,048-bit server certificates to secure connections

BACnet Support

- Uses standard BACnet routing rules between connected clients

Stability

- Uses TCP for superior data integrity and persistent communications

Connecting a MACH-System to the Internet is quick and easy with RC-RemoteAccess. The software eliminates the need to implement and manage BBMDs and BDTs. Owners are no longer required to pay for static, public IP addresses, and client-side DHCP support minimizes the workload for IT departments.

RC-RemoteAccess provides security by encryption of BACnet communications, and also by removing the need for port forwarding of BACnet ports through firewalls. Ideally, every Internet-connected MACH-System would use RC-RemoteAccess for protection against unauthorized access and interference.

Consistent with the company's streamlined approach to enterprise solutions, RC-RemoteAccess is compatible with the full suite of Reliable Controls BACnet software, encrypting all BACnet communications. The RC-RemoteAccess server can be conveniently located on-site, off-site, or in the cloud.

RC-RemoteAccess is an industry game changer because it protects Building Automation System networks from hackers and Internet abuse.

Learn more about the RC-RemoteAccess: <http://www.reliablecontrols.com/products/software/RCRA/>