



Network Automation Engine



- Communicates using commonly accepted IT standards at the automation and enterprise level
- Web-browser based user interface
- Supervisory control of N2 Bus, LonWorks, and BACnet enabled devices
- Multiple platforms to fit project needs
- Specific NAE series devices are compatible with the 9th edition of the UL Standard 864 for smoke control
- Network Automation Engines have been tested by the BACnet Testing Labs (BTL) and are certified as BACnet Building Controllers

The Network Automation Engine (NAE) brings Web-based network technology to the Metasys® building management system. At the same time, the NAE uses the communication technology of the building automation industry including BACnet®, LonWorks® and N2. This combination of technologies allows the user to monitor and supervise HVAC equipment, lighting, security and fire control systems. Network automation engines support a wide variety of project sizes and applications. Used as either a single engine or as a network of multiple devices, the NAE provides alarm and event management, trending, energy management, data exchange and archiving, scheduling and communication.

METASYS NAE

Advanced, Web-based User Interface

Users can access data via the advanced user interface with a desktop, laptop or other PC using a standard Web browser. The NAE allows you to access system data remotely over an Intranet, the Internet or Virtual Private Network.

Secure IT Formats

The NAE uses Information Technology (IT) standards and formats including Internet Protocol (IP), Hypertext Transfer Protocol (HTTP), Simple Network Time Protocol (SNTP), Simple Mail Transfer Protocol (SMTP), Simple Network Management Protocol (SNMP), Hypertext Markup Language (HTML) and Extensible Markup Language (XML). It supports standard IT firewall technologies for protection against unauthorized access.

Flexible Network Options

Multiple connection port options allow you to build an extremely flexible network at the automation and enterprise level, as well as at the field controller and data acquisition level. Engines connect directly to an Ethernet LAN. Multiple NAEs communicate with each other over the LAN in a peer-to-peer configuration.

N2 Ethernet Tunneling

Select models of the NAE5500 provide an economical method to connect to small numbers of remote systems without the added expense of additional engines.

NAE3500/4500

These engines are designed with support for LonWorks, N2 or BACnet protocols, depending on the version. They provide supervisory controls for one field bus with varying capacity.



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NAE5500

This engine provides simultaneous support for LonWorks, N2 and BACnet protocols. It features two or three (depending on model) supervisory field bus connections and extended capacity for additional devices, point counts, application programs, wireless communications options and graphics.

NAE8500

Built on a standard PC platform, the NAE8500 provides the highest level of performance for large scale integrations using the BACnet protocol.

