

Net/X™ XBus & StrongMesh™

The Smart, Affordable Choice to intelligently Control Heating, Cooling and Comfort



SAVE TIME



SAVE MONEY



SAVE ENERGY

Triple GreenSM
Save Time • Save Money • Save Energy

THE COST OF ENERGY IS EXPENSIVE. SO IS YOUR TIME.

Start Saving Time, Money and Energy Immediately with the NET/X™ HVAC Energy Management System.

Net/X™ systems let you to get your HVAC systems under control, giving you point-n-click control of your schedules, commercial lockouts to keep your schedules operating properly, and a suite of tools to help you manage your environment. These powerful solutions will allow you to save staff time and substantial utility dollars by saving you energy. For over 20 years, Network Thermostat has been a pioneer in communicating thermostat technologies, and our experience over the decades will deliver comfort and energy savings for years to come.

When your installation is complete, you can rest assured that you will have optimal comfort when occupied, and dramatic energy savings when not.

HOW IT WORKS. SIMPLY.

There are very few components in the Net/X™ system. Our thermostats communicate with the Network Controller, and it connects to your local area network, giving you access from your computer. Want go wireless? Just add the StrongMesh™ Wireless Coordinator and use the StrongMesh™ versions of the thermostats.

SIMPLE INSTALLATION

Getting started is incredibly easy, and so is installation, schedule setup and management. Using Net/X™ is truly a simple way to achieve dramatic energy savings, shrink your utility bill, giving you a fast system payback. First, identify the quantity of Net/X™ thermostats and type of HVAC units in your existing structure or new building and decide if XBus™ wired or StrongMesh™ wireless is right for your needs. Then, install the thermostats and connect them to the Network Controller and to your local area network. Finish out your installation using the Net/X™ Command Center software to create your schedules with just a few mouse clicks, and you're done.

For an XBus™ 'wired' network, simply install a CAT5 cable to each thermostat and connect them to up to 1,000 feet away from the Network Controller, with up to 4000 total feet of cable.

For a StrongMesh™ 'wireless' network, add a Wireless Coordinator Module anywhere in the facility within 1,000 feet of the Network Controller. This module interfaces the StrongMesh™ versions of our thermostats to the entire network. Multiple Wireless Coordinators can be used on every Network Controller, if needed.

Save Time • Save Money • Save Energy

www.networkthermostat.com

NET+WORK
Thermostat

Net/X™ XBus & Strongmesh™

Features, wired, wireless connectivity & remote sensors

NETWORK CONTROLLER

The Network Controller has built-in intelligence to prevent equipment or improper thermostat settings caused by error or tampering. It also includes an embedded web server, and with both Internet time sync and a real-time clock/calendar, your schedules are always 'on time'. The Network Controller has an integrated backlit display and is 'future proof' since the system can be updated over the Internet, allowing worry-free operation for years.

StrongMesh™

Our revolutionary "StrongMesh™" network design takes wireless to a new level, providing the most robust wireless solution on the market today. Based on the IEEE standard 802.15.4 for wireless networks, our groundbreaking technology allows each Net/X™ wireless module to function as a communications gateway and simultaneously as a repeater for the entire network. This ensures reliable transmission and incredible ranges never before seen with wireless systems.

REMOTE SENSORS

Unusual Location? Add a Remote Sensor. Our family of communicating temperature sensors are designed to solve the unique problems occasionally encountered during an installation. They include:

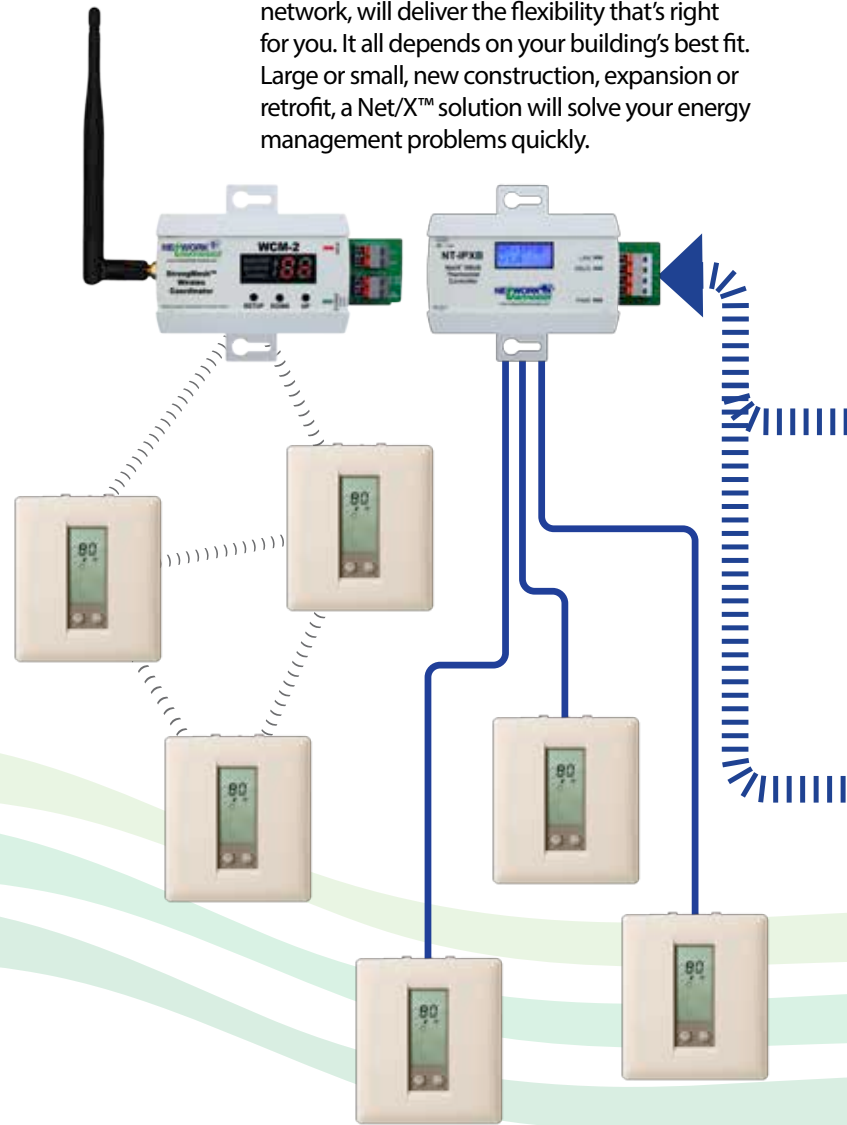
- Remote Indoor Sensor
- Return Air Duct Sensor
- Flush Mount Indoor Sensor
- Outdoor Temperature Sensor
- Supply Air Duct Sensor

(See back page for description)

Whatever the application, we have your solution.

Wired and/or Wireless

These options, alone or mixed on the same network, will deliver the flexibility that's right for you. It all depends on your building's best fit. Large or small, new construction, expansion or retrofit, a Net/X™ solution will solve your energy management problems quickly.



THERMOSTATS

Net/X™ Thermostats are loaded with flexibility and features. Their sophisticated technology gives you accurate control without you needing to worry about terms like "algorithm" or "fuzzy logic".

One of the most popular user options is the Keyboard Lockout feature, allowing up to a 3°F hands on adjustment for a 1 or 3 hour override period. Afterwards, the system returns to its scheduled setting for continued energy savings.

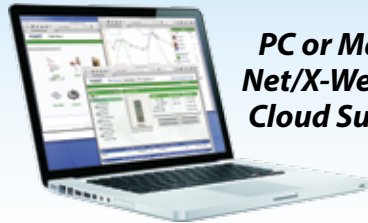
REMOTE CONNECTIVITY

You can control your HVAC systems from anywhere in the world. With Internet access, you can use the Net/X™ Command Center software to monitor the system, change thermostat settings, and update schedules with the click of the mouse, just as if you were sitting right there.

Use a smart phone or tablet and it gets even better with the optional Net/X-Web Cloud Suite! You can manage your system directly from your iPhone* or Android* device. No need to drag a laptop on the road with you. Your mobile device is always at hand to monitor or modify your building's HVAC needs.



**Smart Phone
or Tablet**



**PC or Mac
Net/X-Web™
Cloud Suite**



**Net/X™
Command Center
PC Software**

SOFTWARE

Each system includes the Net/X™ Command Center PC software which is compatible with all Windows operating systems from Windows XP* to Windows 8*. An entire set of schedules can be created within the software and then downloaded into the Network Controller(s) in just a seconds. You can easily create and customize as many as 6 schedules every day of the week for each thermostat, and also create limitless special one time calendar-based events and extended unoccupied settings. The intuitive software walks you through the setup with "drag-and-drop" ease.

*iPhone, Android and Windows are registered trademarks of Apple Inc, Google and Microsoft, respectively.

Net/X Thermostat Standard Features

Loaded with world class functionality, the Net/X™ HVAC Management System provides full control and feedback of all functions and temperature readings on the thermostat.

- Compatibility with virtually all Gas, Electric, and Heat Pump HVAC Systems
- Automatic Heat/Cool Changeover
- Keyboard Lockout feature with a 1 or 3 hour override
- Occupied & Unoccupied Setpoints for Heat and Cool
- Lockable Thermostat Cover
- Remote Sensor Capability for Indoor, Outdoor and Return Supply Locations
- Automatic Averaging of Indoor Sensors

Net/X-Web™

Take your HVAC management to the clouds with Net/X-Web Internet software suite. Visit our website for full details.

Net/X™ System Features

- Manage up to 32 wired XBus™ thermostats plus StrongMesh™ thermostats from a single controller and IP address
- Controls most manufacturer's HVAC equipment
- Expandable as your building expands
- Manage both wired and wireless thermostats from a single controller
- Create and modify schedules for each and every thermostat
- Change settings with the click of a mouse
- Going green means saving green

Net/X™ XBus & StrongMesh™ PRODUCTS AND ACCESSORIES

XBus™ Wired Thermostats

GE22-NX Gas / Electric, 2 Heat, 2 Cool
HP32-NX Heat Pump, 3 Heat, 2 Cool



StrongMesh™ Wireless Thermostats

GE22-SM Gas / Electric, 2 Heat, 2 Cool
HP32-SM Heat Pump, 3 Heat, 2 Cool



NETWORK COMPONENTS

WCM-2

StrongMesh Wireless Coordinator is the 'brain' of the wireless mesh network, providing the interface between the Network Controller and the StrongMesh thermostats.



* Multiple WCM-2 devices can be connected to a single NT-IPXB.

NT-IPXB

Ethernet-based Network Controller. Manages XBus and/or StrongMesh thermostats. Build-In Scheduler and Web Server.



* Multiple NT-IPXB devices can be used on a project

REMOTE TEMPERATURE SENSORS

NT-TEMP – The remote sensor module wires directly to any Net/X thermostat, providing temperature sensing in remote areas. Up to 6 NT-TEMP modules can be automatically averaged for Indoor (control) temperature.



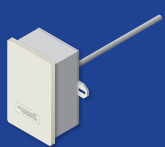
NT-FS – “Nearly-Invisible” remote flush mount indoor sensor connects directly to the NT-TEMP.



NT-OUTDOOR – Remote outdoor sensor probe connects directly to an NT-TEMP to provide local outdoor temperature.



NT-PROBE – Remote duct probe connects to an NT-TEMP to allow monitoring of supply or return air. For supply air, this takes the place of the outdoor temperature location.



ACCESSORIES

WR-1 – StrongMesh Wireless Repeater for the rare occasions where help is needed to fill in “mesh holes” in a very large networks.



NT-OSC/OSW – Ceiling and Wall mount Occupancy Sensors for use with or without schedules.



NT-PWIRE – The Phantom Wire™ device creates a ‘common’ wire in the thermostat cable



NT-TB/TBC – Terminal board has screwless connections that support power and XBus communications for up to eight (8) Net/X™ XBus thermostats.



NT-PWR24 – 24VAC power supply for WCM-2 and WR-1 devices. One supply can power up to 4 devices.

