HEAT-TIMER® CORPORATION

BUILDINGNET®

A Heat-Timer® Affiliated Company

SET, SAVE AND SIT BACK! BUILDINGNET® ALLOWS BUILDINGS TO SAVE FUEL, TIME AND MONEY. PROVIDING 24/7 REMOTE ACCESS TO YOUR BUILDING FROM ANY COMPUTER, TABLET OR CELL PHONE.

- BuildingNet® brings industry leading energy savings technology to an Internet ready Heat-Timer® control that works with both steam and hot water heating systems.
- Reduce fuel consumption up to 30% or more, resulting in a quick Return on Investment (ROI).
- Real-Time Energy Management for full visibility of your heating system, apartment temperatures and more.
- Eliminate resident complaints by maintaining comfortable space temperatures.
- Email and text alerts notify you of problems before your residents are impacted.
- A cost-effective Internet Boiler Control/Wireless Sensor System for any Building.
- 24/7 Remote Access to your building from any computer, tablet or cell phone.
- Helps your building go green by reducing its carbon footprint.

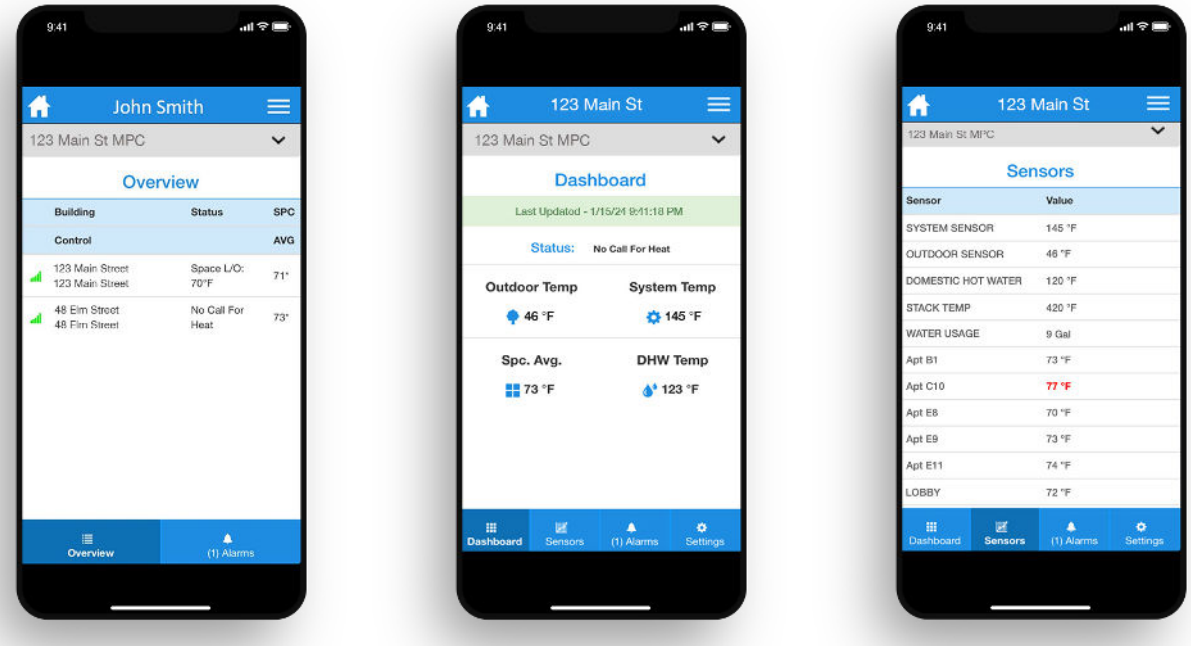
20 New Dutch Lane, Fairfield, NJ 07004 | Phone: 973-575-4004 | heat-timer.com

WHY BUILDINGNET®?

- Advanced self-learning algorithms reduce boiler operation for minimum fuel usage.
- Full visibility of space/apartment temperatures.
- Significantly improves resident comfort by maintaining consistent space temperatures within the apartments.
- Smart Space Average—The control automatically removes outlier space temperatures for more accurate temperature control.
- Validate heat complaints from anywhere.
- Access your system from anywhere via the web portal or mobile app.
- Easily diagnose problem spots in your building.
- Easy to Use—Select the space temperature you would like to maintain and walk away. The control does the rest.
- Significantly reduce heating expenditures and carbon footprint.
- Real time alerts when problems arise.

REMOTE COMMUNICATION

- **Connected to the Internet**—View, change, monitor, and analyze your building in a variety of ways from virtually anywhere.



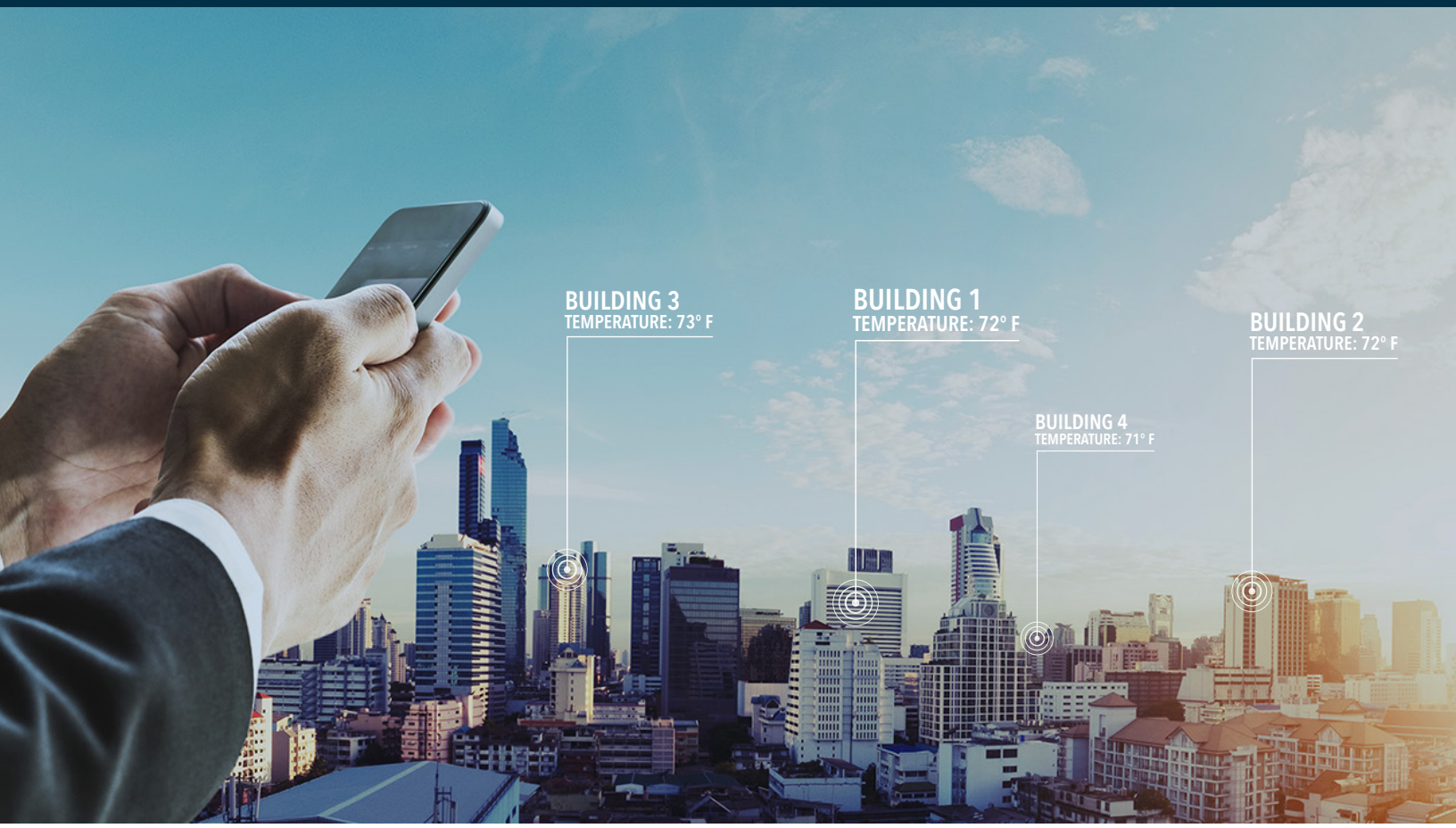
GET THE APP

There are only three steps to get started using the Heat-Timer® Mobile App:

1. Go to your App Store to download and install the "ICMS by Heat-Timer®" app.
2. Sign-in to your account with the same log-in credentials utilized for the full desktop version.
3. Begin using the app immediately!

SCAN FOR IPHONE OR OTHER APPLE DEVICES

SCAN FOR ANDROID OR OTHER GOOGLE DEVICES



ADDITIONAL MONITORING/ALARM POINTS (OPTIONAL)

All monitoring points can be configured for email and/or text alerts to unlimited personnel.

- **Boiler Lockout Alarm**—An important monitoring point which alerts the appropriate individuals that the boiler is down before residents are impacted.
- **Flood Detection**—Float can be located in a sump pit that will detect a rise in water level. This helps identify a potential flood situation in the boiler room.
- **Leak Detection**—Water meter which tracks the make-up water for the boiler. This helps detect a potential leak within the piping system.
- **Stack Sensor**—Will monitor boiler stack temperature. A high stack temperature is an indication that the boiler needs to be cleaned. This will increase boiler efficiency.
- **Domestic Hot Water**—Monitors temperature of hot water going to the showers and sinks. Alerting appropriate individuals of a high or low temperature condition that could potentially scald someone or impact residents due to a lack of hot water.
- **Wireless Temperature Sensors**—Wireless sensors that communicate apartment temperature down to the Heat-Timer® control. The Heat-Timer® control utilizes this data within its heating logic. Creating a perfect balance of fuel savings and resident comfort.

WIRELESS COMPONENTS

LONG RANGE WIRELESS SPACE SENSOR

The wireless space sensors are strategically located throughout the building. These sensors are used to measure the indoor ambient temperature. The Heat-Timer® Internet control utilizes this temperature feedback within its logic, automatically learning the heat loss characteristics of any building.

All wireless space sensors operate on Double AA lithium batteries that last 10+ years.

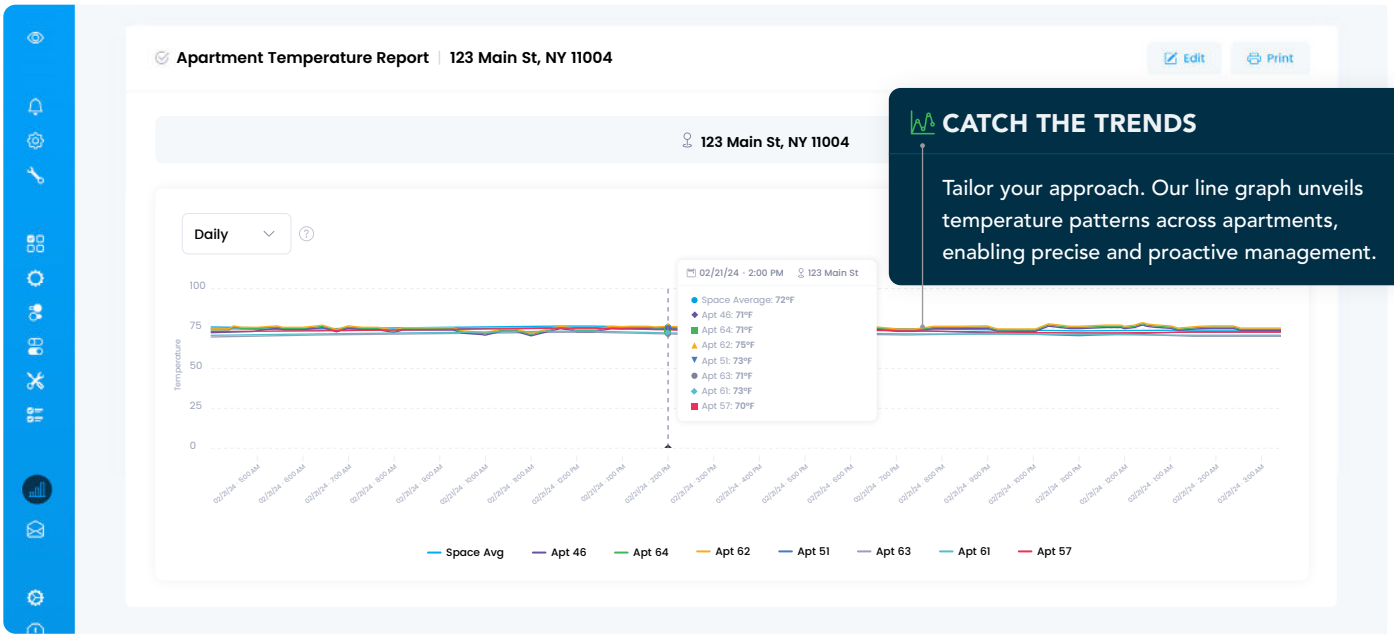
LONG RANGE WIRELESS REPEATER

The repeater extends the wireless network for larger buildings. (Typically located in building stairwell.)

LONG RANGE MULTI-SENSOR INTERFACE (MSI HUB)

Normally located in the boiler room, The MSI Hub communicates all wireless information to the Heat-Timer® internet control.
(All Heat-Timer® wireless components utilize a 900 MHz frequency.)

REPORTS AND HISTORY



CATCH THE TRENDS

Tailor your approach. Our line graph unveils temperature patterns across apartments, enabling precise and proactive management.

UNCOVER INEFFICIENCIES

Save dollar$. Say goodbye to overspending on toasty apartments!

Apartment Temperature Data Table | 123 Main St, NY 11004

History Date	Space Avg	Apt 46	Apt 64	Apt 62	Apt 51	Apt 63	Apt 61	Apt 57
02/21/2024 | 12:00 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F
02/21/2024 | 1:15 PM	72 °F	71 °F	72 °F	76 °F	73 °F	72 °F	72 °F	70 °F
02/21/2024 | 1:30 PM	72 °F	72 °F	72 °F	76 °F	72 °F	72 °F	73 °F	70 °F
02/21/2024 | 1:45 PM	72 °F	72 °F	73 °F	75 °F	73 °F	72 °F	74 °F	68 °F
02/21/2024 | 2:00 PM	72 °F	71 °F	73 °F	75 °F	72 °F	71 °F	73 °F	68 °F
02/21/2024 | 2:15 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F
02/21/2024 | 2:30 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F
02/21/2024 | 2:45 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F
02/21/2024 | 3:00 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F
02/21/2024 | 3:15 PM	72 °F	71 °F	71 °F	75 °F	73 °F	71 °F	73 °F	70 °F

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SPOT THE CHILL

Prevent the complaint. Our data table highlights cold spots, encourages proactive measures to enhance resident satisfaction.

SPECIFICATIONS

Frequency	RF 900mHz
Signal Strength	Less than 20 dbm (Less than 100 mw)

LONG RANGE MSI HUB

PART NUMBER	**904384–00**
Power Input	24VAC
Transmission/Reception	External Antenna
Buttons	1 Button
LED	LED for Status Display
Programming Interface	RS. 485 and Wireless
Dimensions	4" x 4" x 2-½"
Mounting	Ceiling/Wall Mount

LONG RANGE WIRELESS REPEATER

PART NUMBER	**904383–00**
Power Input	8VAC or 9–12VDC
Transmission/Reception	Internal/External Antenna
Buttons	1 Button
LED	3 LED for Status Display
Programming Interface	RS. 485 and Wireless
Dimensions	6" x 3-⅛" x 1-¾"
Mounting	Ceiling/Wall Mount

WIRELESS OUTDOOR ANTENNA

Direction	Omni-Directional
Connection	N-Female to 25' Cable
Dimensions	24" (Height) x 1-½" (Dia.)
Mounting	1-¼" to 2" Dia. Post

LONG RANGE WIRELESS SPACE SENSOR

PART NUMBER	**904395–00**
Power Input	2 AA (1.5V) Lithium Batteries
Transmission/Reception	Built-in Antenna
Reading	Space Temperature
Buttons	1 Wake Up/Install Button
LED	2 LED for Status Display
Programming Interface	RS. 485 and Wireless
Temperature Range	40°F to 150°F Degree
Dimensions	4-¾" x 2-⅝" x 1-¼"
Mounting	Wall Mount

WIRELESS TEMPERATURE MODULE

Power Input	8VAC
Transmission/Reception	External Antenna
Reading	Temperature, Switch (Dry-Contact Only)
Buttons	1 Wake Up/Install Button
LED	2 LED for Status Display
Programming Interface	RS. 485 and Wireless
Temperature Range	40°F to 150°F Degree
Dimensions	6" x 3-⅛" x 1-¾"
Mounting	Ceiling/Wall Mount

Need help from the Heat-Timer® team?

Contact us at:
Email: **Sales@heat-timer.com** | Phone: **973-575-4004**

MADE IN USA
SINCE 1937