

# "FROM ZERO TO 1,000 RADIATORS YOUR HEATING MANAGEMENT, REIMAGINED"



Every commercial building can benefit from a **Heating Management System** (HMS) not just for comfort, but for strategic control over energy consumption and environmental impact. In today's climate-conscious and cost-sensitive world, an HMS is no longer a luxury, it is a necessity.

## "YOUR CHALLENGE, OUR SOLUTION."

IntelliHeat offers a tailor-made **IoT heating control system** designed specifically for large buildings and multi-location organizations. This advanced infrastructure enables centralized, intelligent management of up to 1,000 radiators across multiple sites or zones, no matter how widespread or complex the setup. Our innovative, cloud-based dashboard management system empowers large organizations, including office complexes, HMO, hotels, and multi-site enterprises to achieve significant energy savings of up to 30% or more. By intelligently controlling every individual radiator from a single, centralized interface, facility managers gain full control of their heating infrastructure no matter where they are in the world.



## "AN APP WITH AN ATTITUDE"

The **MySense app** is designed to give users smart, intuitive control over their electric heating systems. Whether you are managing a single room or an entire home, the app helps optimize comfort and energy efficiency.

## HOW DOES IT WORK?

Each radiator, whether iSense or Arum Towel rail, connects individually to Wi-Fi and communicates with a centralized dashboard system. This setup enables real-time, remote control and monitoring across multiple locations. Imagine your company has buildings in ten different cities, and each building contains one hundred radiators. That is a total of 1,000 radiators spread across various locations. With a smart heating management system that includes a centralized dashboard, you can:

- **Assign one person** to oversee the entire system.
- **Access the dashboard remotely** from anywhere in the world if there is a Wi-Fi connection.
- **Monitor and control** each radiator individually or in groups.
- **Adjust settings** like temperature, schedules, or energy-saving modes.
- **Receive alerts** for maintenance issues or unusual activity.

## BENEFIT OF THIS SET UP

- **Efficiency:** No need for on-site staff in each city to manage heating.
- **Cost Savings:** Reduces labour and energy costs.
- **Convenience:** One interface to control everything.
- **Scalability:** Easily add more locations or devices without changing the management structure.

## INSTALLATION IN PROCESS

### “Seamless heating system upgrades. Maximum comfort, zero hassle.”

Our innovative Heating Management System redefines how heat is controlled—efficiently, intelligently, and without interruption.

#### No Renovation Required:

Each radiator connects directly to our secure IoT dashboard using built-in Wi-Fi, eliminating the need for additional wiring, sensors or thermostats. Forget tearing down walls or closing off rooms, we keep things simple. Whether you are managing a historic building, a modern office, or a large retail space, installation is quick and tailored to your operational needs. Our system fits into any environment without compromising aesthetic or functionality. Installation happens discreetly, while your building remains fully operational. Our fully certified installers work efficiently, allowing your team, guests, or customers to continue uninterrupted.

#### Types of heating management installations typically maintained and monitored, highlighting their unique needs and considerations:

We specialise in comprehensive heating management across a wide range of commercial property types, ensuring efficiency, comfort, and control. Our expertise spans:

- **Public Sector:** Local authorities, councils, and educational institutions benefit from centralized, cost-effective heating solutions tailored to diverse building needs.

- **Commercial & Retail:** Offices, shops, and multi-site outlets rely on smart, zoned systems that balance comfort with operational efficiency.
- **Hospitality & Leisure:** Hotels, guest houses, leisure centres, and holiday homes require responsive, guest-friendly heating with remote access and seasonal adaptability.
- **Residential & Care Facilities:** From student accommodations and HMOs to care homes, we provide reliable, user-friendly systems that support safety and comfort.
- **Specialized & Off-Grid Properties:** Lodges, static caravans, and other remote sites are equipped with efficient, resilient heating solutions suited to limited infrastructure.
- **Industrial & Commercial Sites:** Warehouses, Village halls, Pubs and large commercial properties benefit from scalable, robust heating systems designed for complex environments.

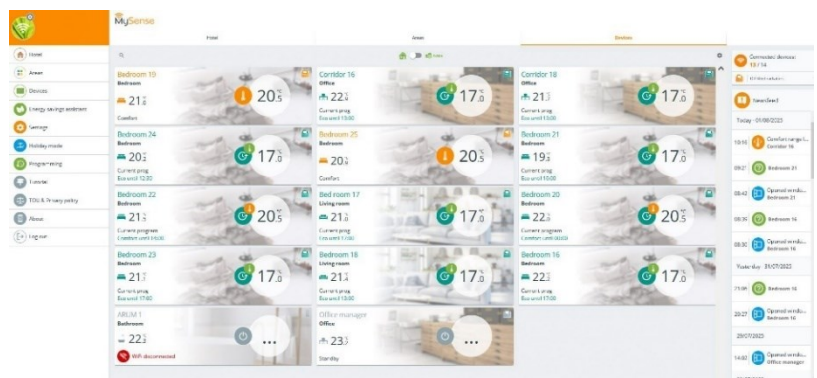
## CONNECT YOUR HEATING ANYTIME, ANYWHERE

### Choosing the right Heating Controls is just as important as choosing the right central heating system.

#### Multi-Platform Access

- Web, mobile, and even desktop versions.
- Synchronise across devices with cloud-based storage.

With the Intelli Heat **Electric Heating Management System**, you are always in control. Access and adjust your Wi-Fi electric radiators remotely from any mobile device or web browser whether you are at home, at work, or on the go. Enjoy real-time monitoring, scheduling, and energy optimization from the palm of your hand.



## SMART DIAGNOSTIC AND REMOTE TROUBLESHOOTING

### If a radiator malfunction the dashboard instantly shows:

- Suggest the best energy saving program, function.
- Which building, floor, and room
- Whether it can be fixed remotely

Most issues, such as user programming errors, can be resolved directly through the dashboard, eliminating the need for on-site technical support.

**No travel needed**-Saves time and money

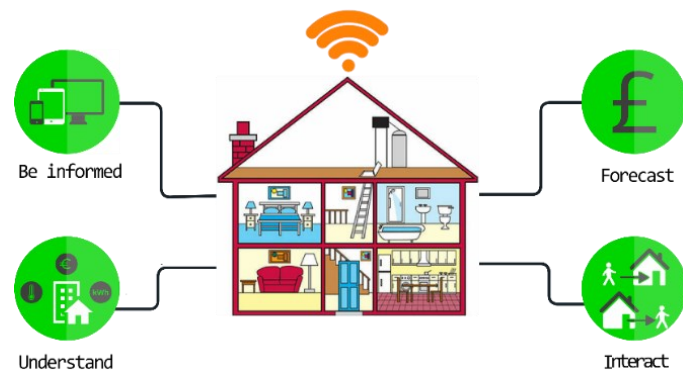
- **Lower carbon emissions**  
Supports sustainability
- **Quick fixes** - Boosts efficiency

## ZONED HEATING SYSTEMS:

### "Efficiency Through Smart Distribution"

### From basic zones to Intelligent room by room heating

Historically, heating systems were limited to one or two zones per building, offering minimal flexibility. Today's advanced technology enables precise multi-zone control, tailored to the unique requirements of each space. By heating rooms individually based on actual usage, organizations can unlock substantial energy savings and improve overall energy efficiency.



## SMARTER HEATING, CLOUD-CONTROLLED FOR NATIONWIDE EFFICIENCY

### Precision Control for Every Radiator and Towel Rail

**Empower your buildings with intelligent heating control.** Each wi-fi unit is equipped with advanced features to minimize energy waste and maximize efficiency. The system is designed to provide heat only to occupied spaces as needed, reducing heating of empty areas.

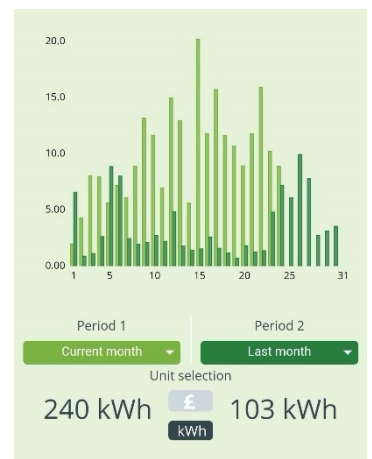
## SMART AUTOMATION & ADAPTIVE LEARNING

- **Presence Detection:** Automatically adjusts heating based on occupancy.
- **Open Window/Doors Response:** Detects and reacts to drafts instantly.
- **Scheduled Heating Zones:** Program heating times for different areas to match usage patterns.
- **Data-Driven Optimization:** Real-time monitoring and analytics provide actionable insights and measurable savings.
- **Learning Algorithms:** The system adapts to occupants' habits and building usage, optimizing performance over time.

## FULL IOT CLOUD INTEGRATION

### From App to Full Management System

- Access and control your heating system from anywhere.
- View real-time data and performance metrics.
- Make informed decisions with historical and predictive analytics.
- Control, tailored to the unique needs of each space. This precision leads to significant energy savings.



# REVOLUTIONALIZING SMART ELECTRIC HEATING



IntelliHeat leads the way in IoT-connected electric heating solutions, designed to deliver comfort, control, and cost savings. By switching to smart heating, your energy savings can effectively fund your upgrade.

## Smarter Energy Management

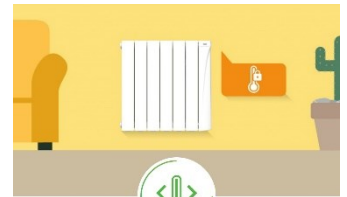
- Effortlessly analyse your property's energy consumption.
- Identify areas for improvement with minimal input.
- Make informed decisions to reduce waste and optimize efficiency.

## Versatile for every property type

Whether you are a homeowner, landlord, housing association, hotelier, or managing student accommodation, HMOs, offices, or commercial spaces, IntelliHeat **iSense** system adapts to your needs.

## UNMATCHED IOT HEATING CONTROL

- **iSense Smart Radiators & Thermostats:** Control your heating remotely via 3G, 4G, or 5G.
- **Robust API Infrastructure:** Seamlessly integrate with your existing systems.
- **Advanced Security:** End-to-end data encryption, 4-layer SSL protection, and DDOS defence.



### Comfort temperature restriction

Limiting comfort temperatures can avoid costly mistakes!

The maximum limit is pre-set at 30°C and the minimum limit is 7°C.

This setting prevents any unintentional change in temperature beyond the set limits.



### Unique and revolutionary interface

Fully controllable LCD touchscreen thermostat programmer

State of the art electronic thermostat accurate to +/- 0.1° C



## WHY CHOOSE INTELLIHEAT?

- Real-time control from anywhere.
- Scalable and secure for any property portfolio.
- Future-proof your heating with intelligent automation.

## INTELLIHEAT STRENGTH

- **Enterprise-grade security:** Ideal for commercial and multi-tenant properties.
- **Scalable zoning:** Supports large installations with granular control.
- **Smart learning:** Adapts to user behaviour and room usage patterns.
- **API flexibility:** Great for integration with building management systems.

*Experience Smarter Heating  
Where Efficiency Meets  
Innovation*

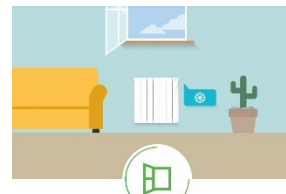
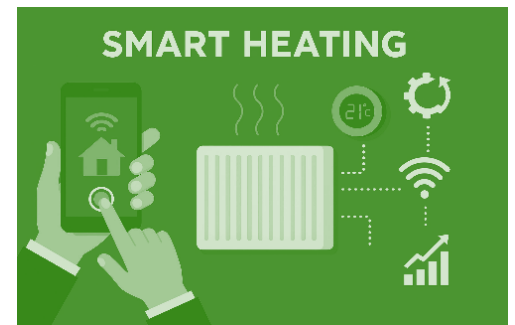
## Did You Know?

**Installing smart-controlled Wi-Fi electric radiators can reduce your electricity costs by up to 35%!**

## How our Radiators Work:

Our Smart Wi-Fi radiators are designed to **optimize energy use** through intelligent features that adapt to your lifestyle and environment:

- **Remote control** via smartphone, tablet or web lets you adjust heating anytime, anywhere.
- **Zoned heating** ensures you only warm the rooms you use.
- **Adaptive start** pre-heats rooms just in time, not too early.
- **Open-window detection** pauses heating when it senses a sudden drop in temperature.
- **Energy usage tracking** helps you identify waste and fine-tune your schedule.
- **Occupancy detection** detects movement using sensors and algorithms to monitor human presence in a space.



### Open window detection

With the automatic open window detection, I avoid wastefully heating the room when the room is being aired!

If the device detects a significant drop in temperature caused by the opening of a window, it will switch to frost protection mode.



### Occupancy detection

The easiest way to deal with unexpected situations and save money!

Devices equipped with motion sensors will detect when the room is un-occupied and progressively lower the set temperature to reduce waste and save money.

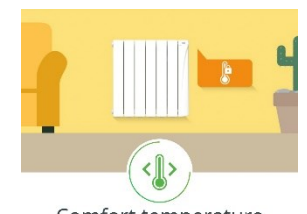
This avoids wastefully heating unoccupied rooms; saving money without affecting comfort!



### Automatic Program

Thanks to smart programming, I have nothing to do. My smart device takes care of everything. It anticipates my comfort whilst minimizing energy use and cost.

As soon as a heating device is installed, it will immediately enter its learning mode. In this mode it will learn the lifestyle patterns in your home and create a customised schedule to maximise comfort and reduce waste.



### Comfort temperature restriction

Limiting comfort temperatures can avoid costly mistakes!

The maximum limit is pre-set at 30°C and the minimum limit is 7°C.

This setting prevents any unintentional change in temperature beyond the set limits.



**"ADVANCED HEATING TECHNOLOGY  
WITH SMART FEATURES THAT ELEVATE  
COMFORT & EFFICIENCY"**

## High-Grade Aluminium Construction

- Aluminium is chosen for its superior thermal conductivity, meaning it heats up quickly and distributes warmth evenly.
- Lightweight and corrosion-resistant, it ensures durability and efficient heat transfer across the radiator surface.

## Patented Thermodynamic Fluid

- Inside each iSense is a special thermodynamic fluid that rapidly heats up when activated.
- This fluid circulates internally, allowing the entire surface of the radiator to radiate heat, not just isolated spots.

## Intelligent Control & Customization

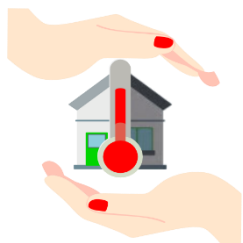
**Connect with your Smart Heating anytime from anywhere.**

Controlled via the MySense Cloud-Based App, users can:

- Set precise temperatures for each room.
- Schedule heating based on occupancy, weather, or personal routines.
- Activate modes like Self-learning, Boost, Eco, Comfort, or Holiday.

The iSense system supports up to one thousand radiators across **multiple sites or zones**, ideal for both homes and large commercial buildings. It gives you total control over your **heating and costs** when, where, and how much, while maximizing comfort, efficiency, and security. It is not just a heater; it is a **smart climate manager**. It integrates with an advanced IOT smart heating management platform allowing building owners and facility managers to remotely access and control their heating with real-time monitoring and analytical insights. The combination of AI-driven data analytics and remote-control capabilities brings precision and intelligence to heating management, allowing to optimise the heating based on lifestyle occupancy patterns, self-learning Integrated Energy Saving Assistant and prevent unnecessary energy waste when rooms are unoccupied which is cost-effective and environmentally responsible. With precise control, the iSense range is incredibly appealing to modern facilities looking to balance energy efficiency management, ensuring effortless remote control from anywhere. And with a combination of style, innovation, and the latest technology, the new iSense range creates a perfect balance of sustainability and comfort to suit any environment.

## [Intelli Heat Ltd General Terms and Conditions. T&C](#)



Our secure Cloud has been designed to be connected to energy providers in order to participate in the management of electric heating and find you the best energy tariff



### Weather Service for forecasting and optimising heating management

Geolocation weather forecasts with precise and detailed information  
With Mysense your settings will adapt automatically according to today weather and the coming days

# READY TO HEAT UP YOUR PROPERTY WITH RENEWABLE SMART ENERGY?

Say goodbye to wasteful heating and hello to IntelliHeat's MySense Heating Management System—your gateway to intelligent, sustainable warmth powered by GivEnergy Storage Batteries and PV Solar Panels.

**“From Sunlight to Warmth—Effortlessly.”**

## Seamless Integration for Smarter Energy

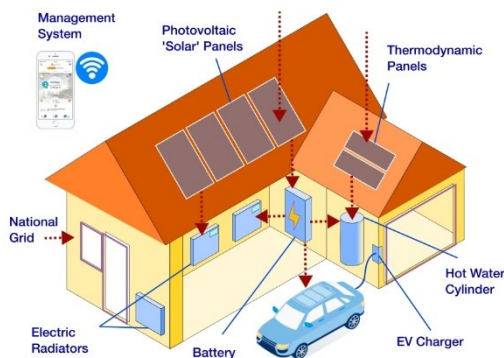
- Connect your IntelliHeat electric radiators via API to GivEnergy's advanced battery storage and solar generation systems.
- Store excess solar energy or off-peak grid electricity and use it when heating demand is highest.
- Ideal for off-grid living, energy bill reduction, and carbon footprint minimization.

## Smarter Heating, Smarter Storage

- Standalone battery systems allow you to:
- Capture and store renewable energy.
- Power your heating during peak tariff hours without relying on the grid.
- Maintain warmth even during outages or grid instability.




## Eco-Friendly & Future-Ready

- Reduce reliance on fossil fuels.
- Maximize your solar investment!



**IntelliHeat Ltd**

**Smart Electric Heating & IoT Heating Management Solutions**

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