



Automatic Heating Control Solutions for Hotels



The Belfry Hotel

About Us

The first Genius heating control system was launched in 2013, receiving rave reviews in national magazines and newspapers. Since then, our smart control solutions have been providing efficient and reliable heating control in thousands of properties, controlling tens of thousands of zones, including hotels, student accommodation, offices, churches, nursing homes, schools and childrens' nurseries.

We estimate that our customers are saving in excess of 6.8MWh every year - that's enough energy to keep over 77,000 typical LED light bulbs burning constantly for a year. To date, our technology reduces CO² emissions by over 1,360 tonnes per year, and saves our customers over £480,000.

Our products are designed and manufactured in Birmingham UK by our dedicated team of software and electronic engineers. Our partners include industry leading hardware providers such as Danfoss and Horstmann. We work with hotel chains, national M&E companies, housing associations and local authorities to provide efficient, reliable and user friendly heating controls to their tenants.



Donington Park Farm House Hotel

All any room needs to get up to a 38%* saving is:



Genius Radiator Valve



Electric Switch



Genius Room Sensor

* Resource Efficient Scotland quote that the Genius Hub has a potential saving of up to 38%



The Driftwood Spars

"We found Genius Hub after a lot of time looking online – we were looking for a key card system for the electric locks and came across the Genius Hub website. We chose Genius Hub because of the professionalism of the company, it was great that we had a visit from one of their engineers who showed us what we could save. It was a bit more bespoke for our site, not just a generic domestic solution like Nest or Hive."

Keith , Manager

"The comments from the guests now are that the rooms are nice and warm where as we never used to get that before. It's always warm when we walk into reception now whereas before it would be cold during the day. Before, it was requiring so much effort to keep on top of it and a lot of management was required. I don't have to buy any wood for the fires any more too and this is a big saving. We also are happy to report that the portable electric fan heaters are no longer being used!"

Robert, Owner



The Greyhound Coaching Inn

"Before we had the Genius Hub, radiator valves were constantly being adjusted and staff would reset them to three after checkout; we were heating a lot of empty rooms. With the Genius Hub, we have a solution that offers far more than the competition, at about a quarter of the cost of other commercial systems. What was most important to us was the ability of being able to control everything from the reception desk, and to quickly respond to an individual guest's request."

John & Mark, Owners



Chiseldon House Hotel

Electric Heating

Genius Hub also works with existing electric heating. If you have older electric heaters with only manual time and/or temperature controls on them, and subsequently they are often left on when the room is empty, Genius Hub have the solution for you.

We can lock out the local control on the heaters themselves and replace this with an easy to understand 'press to boost' button next to the heater, and/or an easy to read wireless room thermostat on a wall in the room. Guests can see the temperature in the room and adjust it from the push to boost button or the wall thermostat. All of the control of your existing heaters can now be managed at reception with no requirement to change the heaters themselves.

We can also supply new panel heaters to any project, giving an updated modern look and very reliable solution for electric heating. Ideal for most commercial buildings, hotels, student accommodation, holiday homes, domestic dwellings and garden offices; our electric radiators heat the room using the gentle convection of air. Heaters are made of pressed steel with an anti-corrosion powder coating resistant to moisture and high temperatures. They use a low temperature stainless steel element so they can also be used in wet rooms.



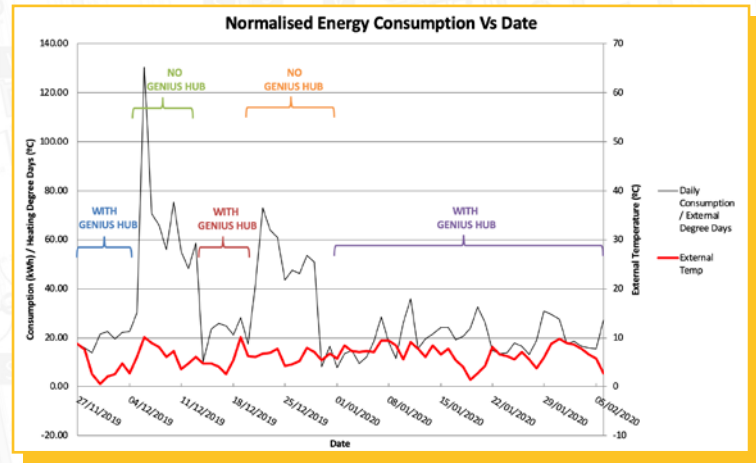
Western Isles Hotel, Isle of Mull



We have proven, through robust statistical analysis of ten weeks heat energy data, a saving of 64% when comparing the original heating schedule with an occupancy based schedule. During the period of the trial it was reported that the number of complaints regarding the heating reduced compared to before the Genius Hub was installed.

"We were extremely pleased to calculate that the Genius Hub has saved us 64% off our heating costs meaning that the system has about a two year payback on the cost of installation. The system significantly reduces confrontation at the reception desk and the number of refunds we have to give out for rooms too." Mick Goodreid - Chief Engineer

The results have been presented on the right to show a timeline of energy usage, both 'With Genius Hub' and 'No Genius Hub.'



Total average savings = 64%



Working with T Clarke

"Working with Genius Hub on projects has been excellent. They provide us with all of the project specific installation documentation in a clear and easy format, so we can complete the jobs on time for our clients. The free onsite training Genius Hub provided for our electricians and heating engineers was really helpful, and makes the installations go very smoothly - this also means there is very little snagging to do post commissioning. We'd be really happy to recommend them, we also now recommend Genius Hub control to our existing clients as it's excellent value, reliable and very easy to install."

John Russo - Project Manager

Cut heating costs and keep your guests comfortable

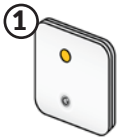
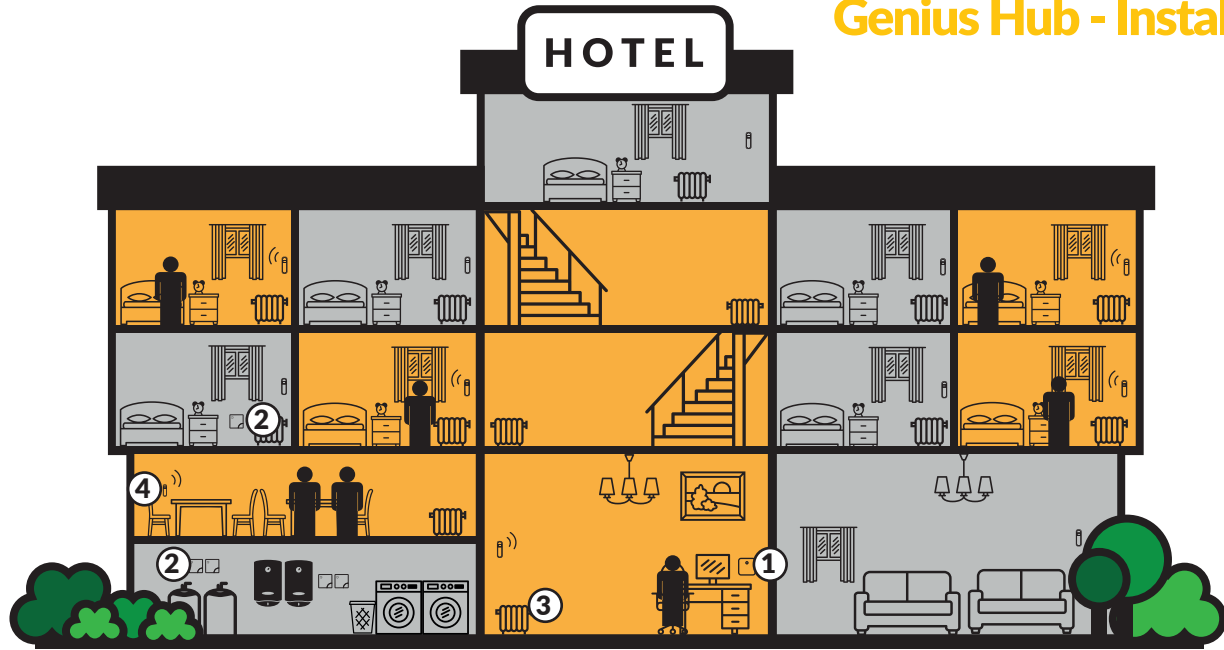
Genius Hub allows you to reduce energy consumption by automatically turning down the heat in empty rooms. The system will reduce your energy bills and keep your customers comfortable, without your staff needing to adjust anything.

With Genius Smart Occupancy Detection rooms can trigger the heating automatically when a guest arrives; this allows the room to be kept at a lower temperature when unoccupied. Guests can easily adjust the temperature, and the system will reset automatically before the next guest checks in. Optionally, staff can also turn vacant rooms off completely from the reception desk.



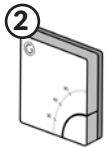
An independent study by **Resource Efficient Scotland** estimates that the Genius system has a potential saving of between 23% and 38%. The Genius Hub will pay for itself in the heating cost savings it makes.

Genius Hub - Installation



Genius Hub

Connects the devices to the internet, allowing remote control from anywhere



Electric Switch

This switch is connected to the boiler or Building Management System (BMS) and is wirelessly controlled by the Hub when zones are requesting heat. This switch can also wirelessly control the temperature of new or existing electric heaters in the property



Genius Radiator Valve

Allows each radiator to be controlled automatically and can also be manually adjusted by guests for a temporary boost



Genius Room Sensor

Automatically turns up heating when guests arrive and down when they leave

Benefits of professional installation with zero disruption

- 1 Wireless mesh network with a range extender in each room ensuring trouble free connectivity.
- 2 Room sensors detect when a room is occupied and automatically adjust the heat to the preferred temperature as set by reception.
- 3 Discreet wireless room sensors with built in thermometers stick to the wall with pads or screws.
- 4 User friendly application on your mobile/tablet or pc. You can monitor the whole heating system from one place, including temperature control, battery levels and room occupancy.
- 5 Better management, greater comfort and fantastic control of heating means cost savings without compromise.



Easy to set up & adjust

It takes minutes to set up for the first time and only seconds to adjust the schedule or the temperature. To make it even easier, you can copy your settings between days and rooms.



Open window detection

The Genius Radiator Valve detects when a guest has opened a window and turns off the radiator automatically.



Remote control

Wherever you have internet access you can check your heating as the Genius Hub can be controlled from a computer, tablet or smartphone using our free app.



Support throughout

Our installation teams provide rapid and professional installation and on-site support across the UK. In addition, our (national) HQ in Birmingham provides telephone technical support, offering rapid solutions to issues and questions.



Moxhull Hotel



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geniushub.co.uk/genius-hub-hotels