



## Our mission

Our mission is to support our clients with technology that enables them to reduce energy consumption, improve efficiencies and ensure compliance.

Utilising Vericon's intelligent technologies, BCM:Connect allows landlords to report on, predict and rectify a number of common housing stock challenges remotely, armed with real world data.

### Universal compatibility

Especially designed for Housing Associations and those with direct responsibility for their tenants' welfare, BCM:Connect records and sends intelligent performance data to the cloud or management system, such as Vericon's VS:Connect. Here it can be interrogated and analysed to predict and identify common failures such as low pressure, loss of gas and even a frozen condensate pipe. Through deep integration with external sensors the device also has the ability to report environmental concerns such as damp and mould.

BCM:Connect enables boilers to be tested and managed remotely, without the cost of an engineer attending site. Boilers can be deactivated and reset remotely, and there is also the ability to remotely alter the heating temperature and domestic hot water temperature.

## BCM:Connect Connected boiler control

### Get in touch

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## THE BCM DEVICE

### Real time monitoring

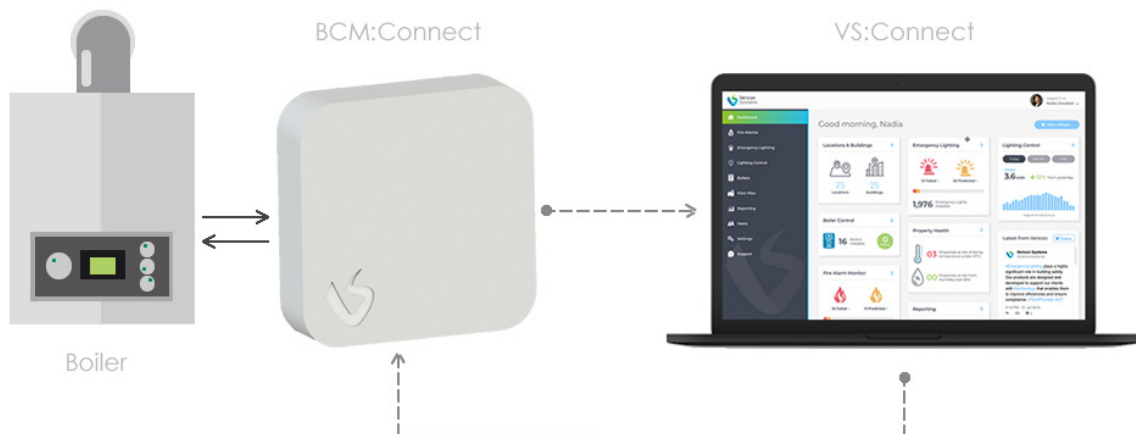
BCM:Connect is an intelligent, easy to install device designed to monitor housing stock in real time, and capable of operating with all major boiler brands.

VS:Connect uses machine learning to analyse information from individual boilers as well as collating anonymised community data from all Vericon clients to enhance the intelligent hub's ability to predict potential hazards and issues with the boiler before they even occur. This, in turn, allows preventative maintenance to be scheduled before reaching the point of a costly emergency call-out or loss of service.

Vericon's BCM:Connect, along with its family of associated heating and hot water monitoring devices, detect a range of activities that, in turn, simplify maintenance, reduce costs and greatly increase the likelihood of a first time fix being achieved. Ultimately enabling landlords to provide a comprehensive and reliable onward service to their tenants:



- Power-off sensing and remote fault reset
- Real time manufacturer fault code alerts
- Interrupted gas supply sensing
- Heating temperature settings
- DHW temperature settings
- System low pressure warnings
- Weather compensation and Boiler Plus compliance
- Usage insights
- Burst pipe monitoring
- Frozen pipe monitoring
- Property access aid



## Management features

As well as being easy to install and commission, BCM:Connect also has a range of control features for clients and engineers alike to simplify the system's ongoing management. These include the ability to:

- Manage heating profiles against date and time
- Reduce energy consumption with ambient temperature offsetting
- Implement empty property profiles
- Remotely turn the boiler on/off
- Create occupancy profiles to alert landlords to empty properties
- Detect potential damp and mould
- Detect potential fuel poverty.

## Data driven decisions

BCM:Connect provides a range of connectivity options meaning that the device is always online. Built-in NB-IoT cellular connectivity provides a secure data stream to and from the device, reporting in real time to the VS:Connect Portal. BCM can also be connected with a range of add-on devices via Bluetooth and Zigbee Mesh networking protocols.

BCM:Connect reads and writes data to and from the boiler achieving a deep level of integration. Interfacing directly with the boilers control bus allows the device to perform a range of actions not possible with a read-only smart thermostat which simply relies on asking the boiler for heat.



## Safe and simple installation

The innovative cellular device is easy to install in under 10 minutes, requires no specialist knowledge or tools, and is simply mounted adjacent to the boiler thus not affecting any boiler warranties or safety qualifications. It connects in the same way as a traditional smart thermostat without any dependence on an occupant's Wi-Fi network to communicate with the Cloud.

Once connected, an install app guides the engineer through the commissioning process which includes entering the boiler type, manufacturer and serial number to ensure all assets are correctly registered and up-to-date. Once the commissioning process is complete, the BCM will appear on the VS:Connect Portal.

## The VS:Connect Portal



VS:Connect is a highly secure cloud-based data processing and machine learning hub at the heart of all of Vericon Systems' solutions. Encrypted Data from Vericon's automated testing technologies is gathered, interrogated and converted into easily actionable alerts and charts, providing a wealth of useful information with which landlords can make quick and effective data driven decisions.

VS:Connect also analyses engineer reports to understand the causality of initial alerts. In the future, the system will not only look for correlations in data fluctuations but also be able to indicate the actual fault and detail the parts required to affect a repair.



ZigBee connectivity used to maximise security and minimise connection issues

MONITOR,  
MANAGE,  
MAINTAIN



**Vericon  
Systems**

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# BCM:Connect **Connected boiler control**

## About Us

Vericon Systems is a technology provider that puts the client at the heart of its business. It develops products, systems and solutions that enable its end clients – including some of the UK's largest Housing Associations, Care Providers and Corporates – to control, measure and manage a range of building technologies, from emergency lights to boilers. In doing so, it enables its customers to realise real efficiencies, and create preventative maintenance programmes that not only save money in the long term, but also ensure they meet their legal and regulatory obligations around compliance.

## Find out more

Want to find out more about Vericon Systems? What we do? How our devices and systems work? Where our products can be installed? If you are still unsure or would like to make an enquiry please email us at: [hello@vericonsystems.com](mailto:hello@vericonsystems.com)

