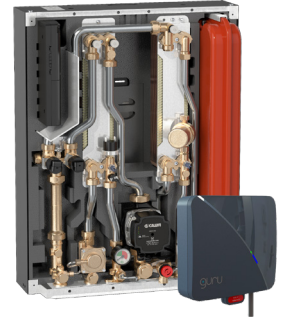





Guru Integrate

Intelligent network control

Guru Integrate allows for the remote configuration of electronic HIUs. A Guru Hub 3 Core can be pre-installed on each HIU and the accompanying software allows a variety of HIU settings to be changed. Remote configuration supports improved network efficiency both at commissioning, and after residents have moved in.



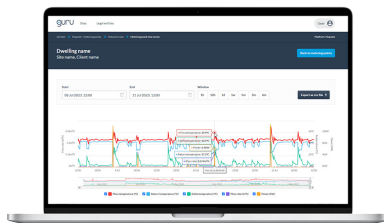
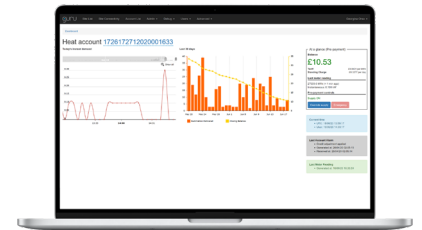
Remote HIU configuration

-  Remote HIU configuration reduces the amount of time and resource required on site. It also reduces the need for engineers to visit sites for remedial work as well as reducing energy usage, environmental impact and operating costs.
-  Remote configuration supports improved network efficiency by maintaining set points, reducing network drift.
-  Guru Integrate also supports the decarbonisation of networks over time by allowing operators to reduce network temperatures.

Supports intelligent metering and billing

The pre-installed Guru Hub 3 Core captures data for metering and billing, making Guru Integrate perfect for credit billing, including build to rent developments.

The utility meter data captured by the Guru Hub 3 Core is then structured and accessed via Guru Platform or via Guru Systems open API, ready to be used for credit billing.



Advanced heat network performance management

The Guru Hub 3 Core captures data every five minutes allowing for advanced network performance management.

Data can be analysed using Guru Pinpoint software, where machine learning algorithms help you identify and resolve performance issues, improve the efficiency of your heat network and manage operating costs.

Why remote HIU configuration reduces costs for network operators

Even where networks are well-designed and properly commissioned before residents move in, heat networks are often left to drift, with performance degrading over time.

This is often not due to a fault in equipment, but is due to the accumulation of many small changes in the system over time, for example maintenance engineers changing one part of a heat network without regard to the effect on the whole.

Guru' Systems' real-world monitoring of heat networks over a three year period, delivered in collaboration with the UK Government, showed that the cost of heat and carbon emissions can more than double on a heat network within three years if action is not taken.

Remote HIU configuration supports improved network efficiency by maintaining set points, reducing network drift and reducing costs.