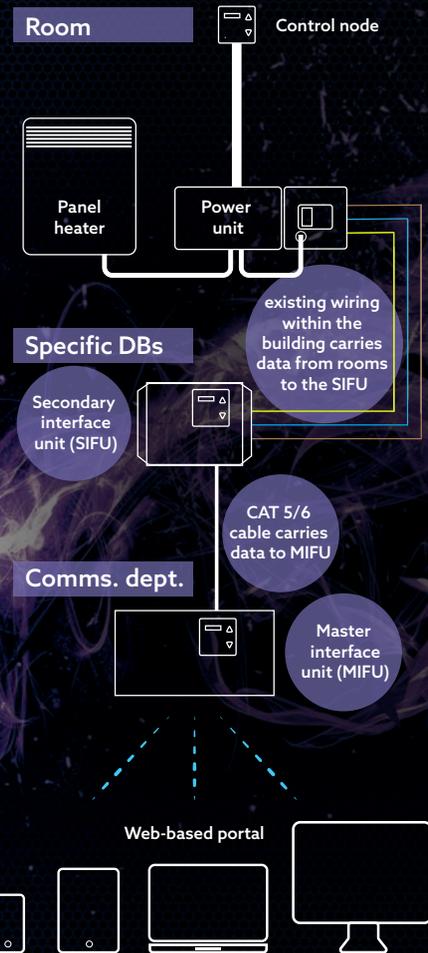


Prefect

Cleverly simple
control of energy.



Prefectirus Central control = Total control

Complete measuring, monitoring and management of energy use

Prefectirus Central control.

Prefectirus is a Building Management System specifically developed for university student accommodation. It measures, monitors and manages heat, light, decibels, humidity, open windows and CO₂* in individual rooms via a central controller.

Other features include hot water temperature control; leak detection; avoiding Triad periods by scheduling energy purchase; and reporting on hot water temperatures from tank inlet to room tap proving compliance with Water Safety Plans (WSP) and combatting the risk of exposure to Legionella in water systems.

Prefectirus uses the existing wiring within the building to transmit data between the room node and the central controller giving detailed information to accommodation/energy managers. This enables them to monitor and control individual room environments across an entire site from a remote location. Settings and user profiles can be changed on any device from anywhere with internet connectivity.

Prefectirus is compatible with both electric and 'wet' systems making it ideal for retro-fitting to existing heating systems or new-build. It is quick and easy to install, taking on average 45 minutes per room.

Student welfare

But it's not all about energy savings with Prefectirus – light, humidity, CO₂* and decibel levels are also monitored – ensuring issues with damp, noise, illicit cooking in rooms or lighting are reported before they become a major problem. Managers are alerted by text or email and can then determine the appropriate action to take.

Maintenance

By communicating directly with the central controller, maintenance staff can pinpoint works that need to be carried out without ever setting foot in a room, from changing a lightbulb to major leaks in hot water tank housing – Prefectirus reports and records data making it easy to discover failing equipment while providing a minute by minute account of issues and reactions.

- Control over the internet.
- Monitors temperature, open windows, light, humidity, decibel levels and CO₂*.
- Hot water temperature and Leak detection.
- Automatic Triad warning control.
- Legionella Water Safety Plan (WSP) reports.
- Detailed reports can determine damp, antisocial noise, illicit cooking or heating equipment and faulty or failing third party equipment.
- Up to 40% energy cost savings.

Development

Prefectirus is a software solution and as a result it is constantly evolving. Many new features result from Prefect working with their clients to find a solution for a specific requirement. This means the ability to increase energy savings and enhance student welfare are both constantly being reviewed and improved.

Depending on site specifics Prefectirus expects to save **between 35-40%** on energy costs.

Prefect Controls have been developing energy saving control systems for multi-occupancy dwellings since 1997 and now boast the most comprehensive range of products for all applications including student accommodation, hotels and leisure facilities.

| Prefectcontrols.com | 01787 320604 |

* CO₂ detection is an optional extra.