



Control.  
Visibility.  
Intelligence.

irus

WaterSense

Central monitoring of water wastage



Take control of **Water wastage**  
with a system **designed specifically** for **multi-occupancy accommodation.**



**Control.  
Visibility.  
Intelligence.**

The provision of student accommodation presents many challenges. Safety, comfort and affordability being top of the list.

Since 1997 we have been developing products and specifically for this sector.

Our core focus is to deliver systems that help our customers provide **comfortable, safe** and **compliant** accommodation while maximising operational efficiency.



## Water wastage

**Irus WaterSense** monitors the water supply to taps and toilets and sends alerts regarding temperatures and flow of water.

Pernicious dripping taps and faulty toilet cisterns may seem like minor issues, but they can have significant environmental and financial impacts.

A single dripping tap can waste up to 20,000 litres of water per year, while a slow leaking toilet cistern can lose even more—up to 150,000 litres per year! This not only increases water bills but also puts unnecessary strain on water supplies and treatment facilities.

Addressing these issues promptly helps conserve water, reduce utility costs, and maintain the integrity of plumbing systems.

Simple repairs, like replacing worn washers or adjusting faulty float valves, prompted by alerts from the Irus Portal, can prevent waste and promote sustainability, making them important steps in responsible maintenance and environmental stewardship.

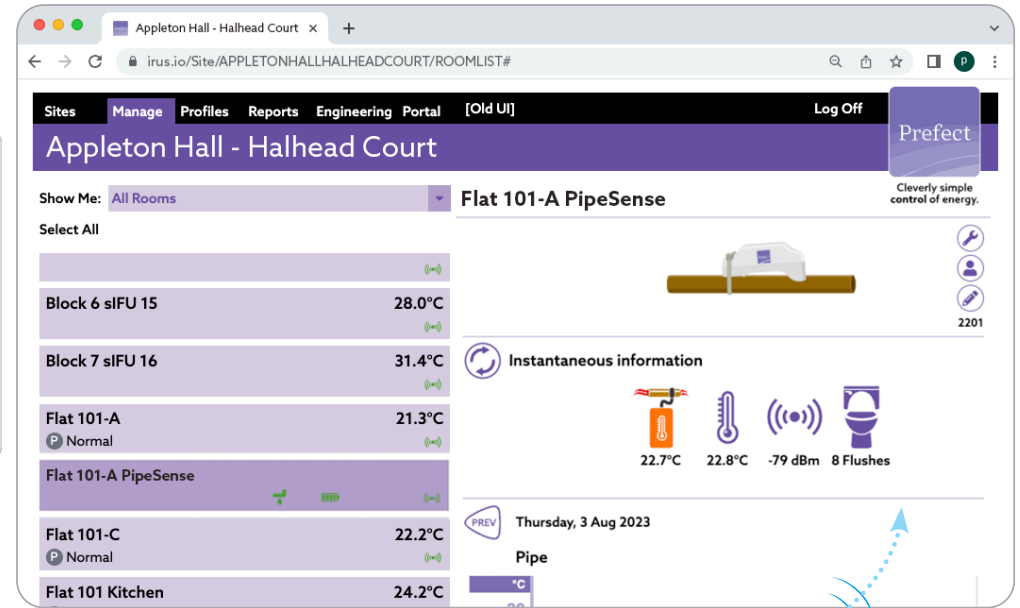
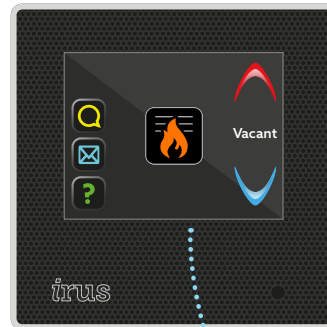


**PipeSense** is a clever device that attaches to pipes and measures water temperature and flow. It has two sensors, one for pipe temperature, the other, room temperature. A differential between the two readings signifies water flow. On faulty toilet cisterns for example, PipeSense can detect as little as 3 litres flow of water per hour.

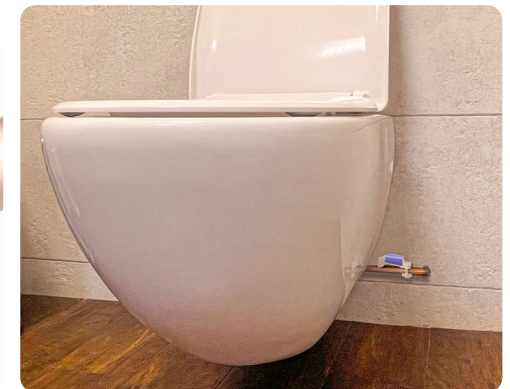
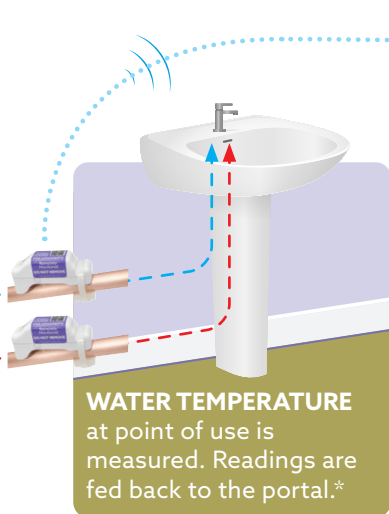
When integrated with Irus, all data collected from PipeSense is available on the portal. Irregularities regarding temperature ranges and unexpected flow of water will generate alerts.



Accurate recording of water temperature compiles a log to help manage compliance with water safety plans to guard against the risk of **Legionella**.



\* PipeSense sends data to the portal via the Irus room **ControlSensor** using Bluetooth.



# The *irus* ecoSystem

