



# West College Scotland

## Sector: Further & Higher Education

West College Scotland is one of the largest educational institutions in the UK, with over 30,000 students and 1,200 staff. The further and higher education college offers a wide variety of courses, which range from full-time to part-time, evening classes to distance learning, and are constantly striving to reduce operating costs in order to continue providing inventive and inspirational methods of teaching.

The innovative technology of the CircoSense3000 was introduced to West College Scotland, who were intrigued to discover the savings that could be achieved on their hot water costs. The College agreed to install a 'Proof of Concept' at their Clydebank campus, whereby the CircoSense3000 device was fitted onto the calorifier system in one of the three boiler rooms and run for a 6-week cycle.

During this period, the CircoSense3000 device learned the hot water usage patterns of the building, firstly gathering a baseline reading and then using this data to predict the hot water usage moving forward. The smart technology of the CircoSense3000 device then ensured that hot water was always available on demand, whilst turning off the pump when not required.

At the end of the Proof of Concept period, it was determined that CircoSense3000 had resulted in 41% savings for the energy supply, leading to reduced energy bills and lower carbon emissions.

David Jolliffe, Managing Director of CircoSense, stated: "We are delighted that the 'Proof of Concept' period has resulted in significant savings in such a high-profile and well-respected institution such as West College Scotland, and we look forward to discussing the potential installation of the CircoSense3000 at other locations within the West College Scotland building portfolio."

### Key Facts & Figures

- 'Proof of Concept' installation
- Calorifier system
- 41% reduction in gas consumption for hot water
- No disruption to the college
- Installed during term time
- Quick installation

"West College Scotland are always on the look-out for new and innovative technology which can help achieve savings within our buildings, both on energy bills and in carbon emissions. The CircoSense3000 has significantly reduced our gas costs for heating the hot water, in turn reducing our carbon emissions"

Alex Deas, Estate Manager  
West College Scotland  
Clydebank Campus