

# About Us

Your trusted partner in advanced automated water monitoring technology.

At Angel Guard, we make our expertise accessible to everyone, delivering cutting-edge tools for effective digital water management.

Transform your building's water system with smart, efficient solutions. Start your journey today and experience the benefits of intelligent water monitoring!

## Contact



[www.angel-guard.co.uk](http://www.angel-guard.co.uk)



[sales@angel-guard.co.uk](mailto:sales@angel-guard.co.uk)



## COMMERCIAL OFFICES





## Background

Multi-user office building Orbital House in East Kilbride is used by many different business types and users.

## Challenge:

Regus were interested in gaining a fuller understanding of their water system and potential risks which were present due to the changeable nature of the buildings usage.

Occupancy levels can fluctuate a great deal due to the business model they operate in. Fridays are a particularly low occupancy day when a high percentage of people work from home and so the office can be empty for three days including a weekend.

During holiday periods, the offices can be relatively empty so its important to be able to monitor the health of the water to ensure any remedial requirements are highlighted.

The estates team wanted to have access to a system that would be easy to understand and create reports from, even from staff who were not trained in water management.

## Solution

5 x Clarence O-1 's were installed within the Orbital House commercial offices, in areas including the communal kitchen and the public rest rooms. This would allow the estates team to understand if the times of low usage increased the risk to the building users and visitors.

## Results and ESG Benefits

- **Pattern Identification:** There was a clear increase in risk due to weekend lack of usage with the risk doubling on the outlets not used during this time.
- **Low Flow Events:** It became apparent very quickly that there were very few occurrences within the shower room, potentially creating a risk to users.
- **Poor temperatures:** The portal soon began to identify poor temperatures on the hot water tap within the shower room, this us due to a mixer tap being installed and also lack of use for over 8 days at times.
- **Water savings:** A flushing regime was created and implemented, bringing the readings within acceptable levels without having to waste water flushing the whole system.
- **Chemical Dosing:** Due to the Clarence system and its technology, the portal identified the risk levels of each of the outlets ensuring that early identification eliminated the need for chemical dosing.

## Conclusion

Through the 24hr monitoring of temperature and flow events, the Clarence system was very quickly able to identify where there were potential risks and ensure a flushing plan was put into place avoiding any future need for chemical dosing. It was also very useful to the facilities team to understand the impact of holidays and long weekend on the safety of the water system and to ensure this was planned for during flushing schedules.



Having Clarence fitted gives us the peace of mind that our water is safe and our outlets are being monitored to ensure we retain a healthy water system within the large building, ensuring the safety, high compliance levels and health of our all clients.

Regus onsite facilities manager