



# ANGEL GUARD



**Hospital Trust**  
**Case Study**

# About Angel Guard

Angel Guard are a water management company that seeks to save time, money and most importantly lives. They achieve this through the deployment of many innovative, scientific, and technological solutions.

Founded in 2017 by husband-and-wife duo Jonathan and Elaine Waggott, the company was founded on over 30 years of experience in the water industry and much research and consultation of industry experts, from microbiologists to infection control specialists.





# The **Situation**

Angel Guard had been introduced to the trust by a water management company. Prior to the installation of the Clarence system, onsite trust staff had relayed concern over outlet usage levels.

The trust had also discussed pathogen growth and build-up as another concern. Onsite staff had claimed that certain units were being used in order to prevent removal.



# The Solution

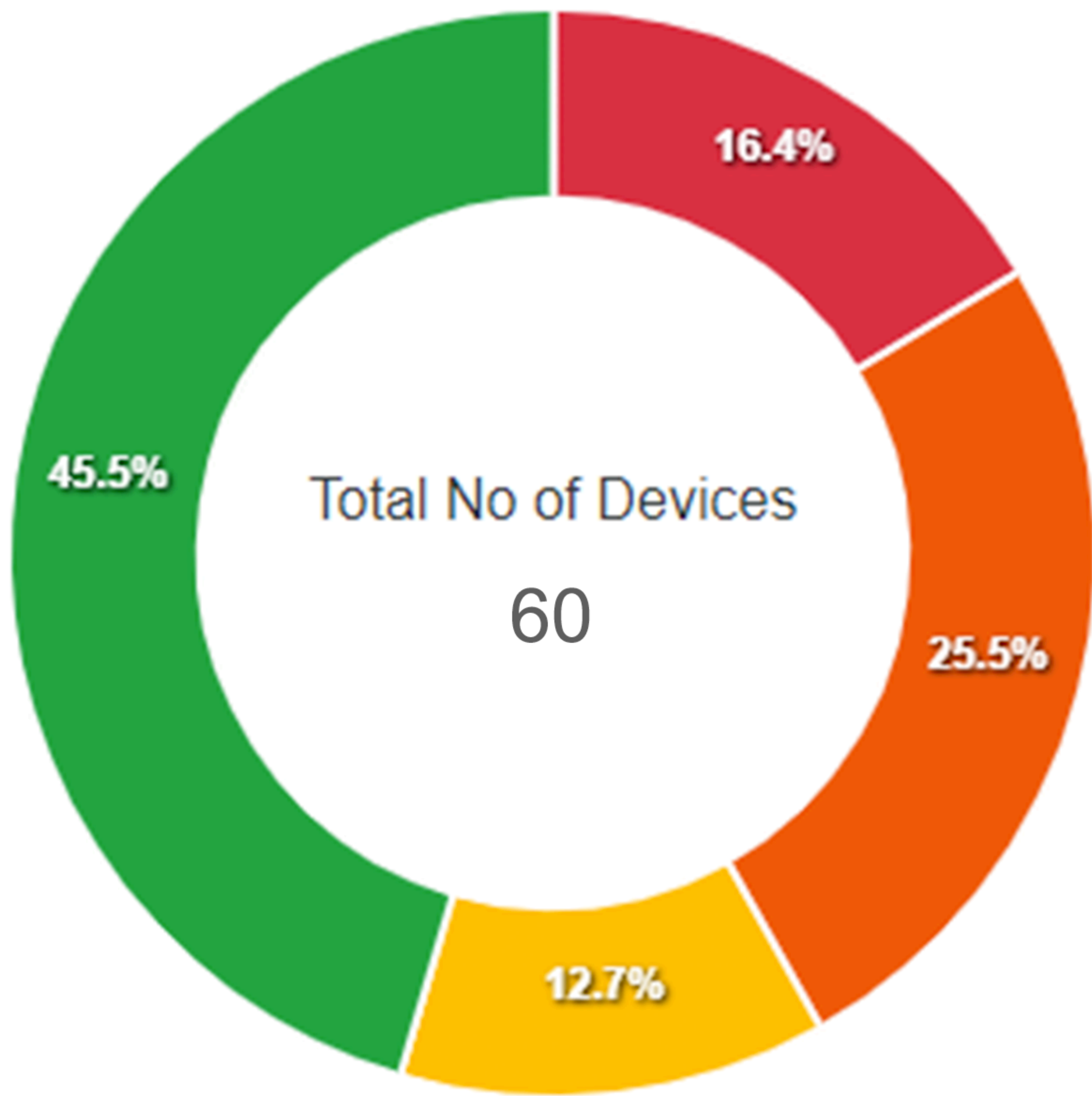
The Clarence system was then implemented within the trust, as 60 Clarence models were placed throughout the hospital.

A further 30 models have already been scheduled for future installations within and around the trust.

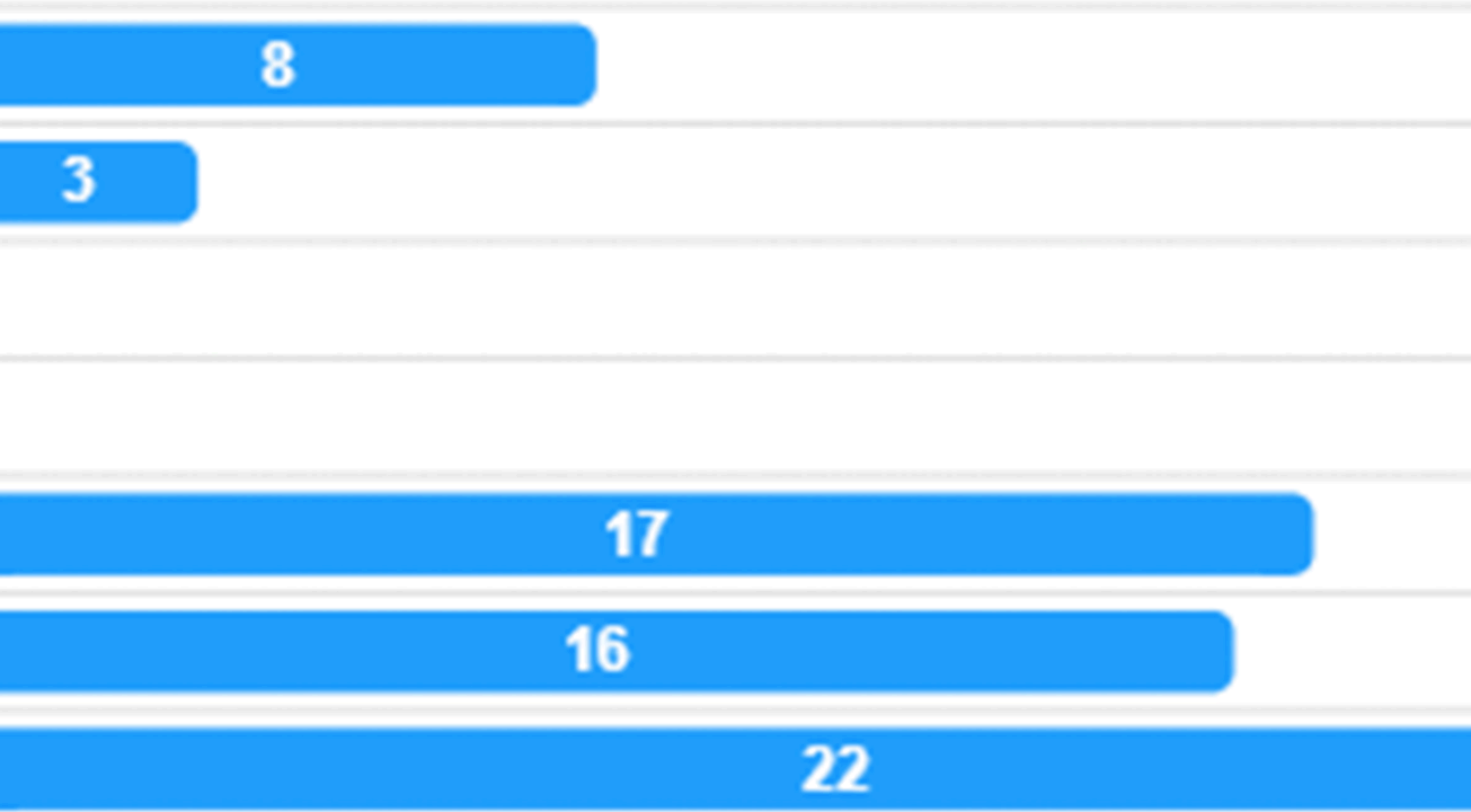
These models are monitored carefully by Angel Guard's cloud application Seraph Protect, with the trust able to access their information directly and keep track of their installed models.



**Current Device Status**



**Flow Events by Selected Dates**



# The Results

Having observed the temperature readings through the online Seraph Protect platform, temperatures had been recorded at current guidance temperatures. However, usage was still an issue as mentioned before.

Upon further inspection, it became apparent that the manual records for flush rates were incorrect, as the dashboard would display lower values, contradicting the records.

These results have highlighted that the trust's main issue was indeed a lack of flow events within the water system.



# The Benefits

Moving forward, the trust has considered the idea of removing outlets that see very low to no usage and where removal would prove beneficial to prevent reoccurring issues in the future.

Generated reports allowed staff to determine which outlets had not been flushed within a set amount of time, allowing for staff to carry out effective targeted flushing therefore reducing carbon emissions and time spent travelling between sites to flush if deemed unnecessary.





# The Conclusion

Future plans are in place to roll out further installations of the Clarence system across the twenty buildings within the company's care.

Once installed, the trust has also displayed interest in installing the Clarence system throughout the hospitals within their organisation.

Remote water monitoring is the inevitable future for water monitoring as a whole and staff want to ensure they are doing everything within their power to guarantee compliant water.

