Device Monitoring for Nationwide Fire Sprinklers

Nationwide Fire Sprinklers can now manage their devices remotely and receive alerts with a bespoke CGI solution.

Nationwide Fire Sprinklers (NFS) provides installation and servicing of sprinkler systems throughout the UK and Ireland. Embedded in every new system is a SIM card that maintains constant communication with head office.

This ground-breaking service was originally managed using smartphones, but as more and more systems were added that quickly became unmanageable, and CGI was called in to develop a web-based management platform.

The system developed by CGI manages all communication with the sprinklers and presents it in an easy-to-use browser interface with all devices shown on a map.

> *"Throughout the whole process CGI was very easy to work with. You can imagine how impressed we were when the system was delivered a week ahead of schedule and with added functionality all within the originally proposed budget."*
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> *"CGI took the time to understand our business and what we needed the software to achieve. Not only were they keenly interested from a technology perspective, but equally enthusiastic about how the software would enrich our offering to our customers. These factors combined with competitive pricing made the selection process a no-brainer."*
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> *Craig Gilliver | IT Director | Nationwide Fire Sprinklers*

If any sprinkler is activated, an alarm is sounded at head office and tenant, landlord and NFS emergency engineers are all sent an instant text message.

Complex rules are programmed into the system to control a set of incoming and outgoing messages. Any units that require maintenance are picked out in amber with a warning message and if a sprinkler loses power the system texts in with an emergency code.

All devices can easily be put into test mode, and turned back on automatically after a set period with verification reports sent to owners by email or SMS. NFS can send out an instruction to disable the system remotely if building works are to be done.

The project referenced in this case study was delivered by Xibis, part of SCISYS, which CGI acquired in December 2019.