



LIQUID LEAK DETECTION SYSTEMS

Case Study

TTK WATER LEAK DETECTION SYSTEM AT A LEADING BANK OFFICE, LONDON, UK



ABOUT THE BUILDING

This high-rise office building, occupied by a global leader in financial services, is located in Canary Wharf, London's major financial district. The landmark building offers more than 170,000 m² of office space across 43 floors, designed to meet the highest standards of performance and security.



PROJECT OVERVIEW

Project	Landmark office building of a leading financial services company*
Location	Canary Wharf, London The United Kingdom
Application	Corporate & Institutional Building
Project Type	New Project
Project followed by	TTK UK (London)
Contract Scope	TTK supply, install, test and commissioning the leak detection system
Completion Date	end of 2026
Technology	FG-NET digital monitoring unit; FG-BBOX satellite devices; FG-EC and FG-ECS addressable water sense cables; FG-ECP addressable point sensors

PROJECT REQUIREMENT

Within this modern and highly technical environment, the client required a reliable, high-performance leak detection system capable of covering a very large area, while delivering fast and accurate alarm response to ensure maximum protection of critical infrastructure.

TTK's SOLUTION

Protected Areas

TTK leak detection solutions protect the following areas across 40 levels of the building:

- UPS rooms
- Hydration stations
- Comms rooms
- Critical plant rooms
- Corridor pipework
- Vending areas
- Hub rooms
- Business lounges
- Welfare rooms



FG-NET monitoring control panel



FG-BBOX satellite device

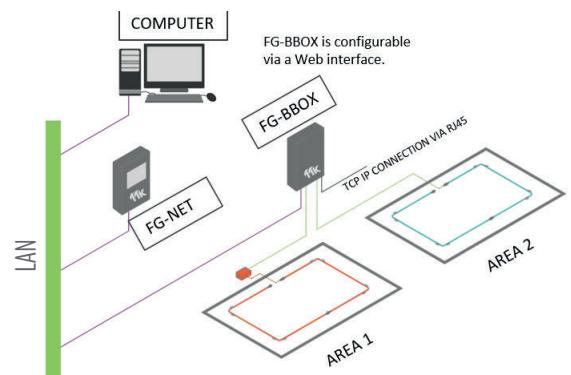


FG-EC addressable water leak detection cable

FG-ECS water leak detection cable



FG-ECP water leak detection point sensor



Connection diagram of FG-NET, FG-BBOX and a PC in a Network

