



LIQUID LEAK DETECTION SYSTEMS

# Case Study

## TTKWEB ADVANCED MONITORING SOFTWARE IN ADIA HEADQUARTERS, UAE

**ADIA**

جهاز أبوظبي للاستثمار  
Abu Dhabi Investment Authority



### ABOUT THE PROJECT

The Abu Dhabi Investment Authority (ADIA) is a sovereign wealth fund of the Emirate of Abu Dhabi.



### PROJECT OVERVIEW

Project	Abu Dhabi Investment Authority Headquarters
Location	Abu Dhabi, United Arab Emirates
Application	HQ tower, car park building
Project Type	Retrofit project involves adding a software monitoring system
Project followed by	TTK Middle East
Contract Scope	TTK design and install the software monitoring system
Completion Date	June 2025
Technology	TTKweb software monitoring system

### PROTECTION AREAS

ADIA HQ and car park building – Protected areas:  
404 addresses / 404 zones

- IT Rooms
- Battery Rooms
- Plant Rooms
- VIP Area
- BMS Rooms
- Mechanical Room
- Electrical Room
- IDF IT Room
- GSM Room
- Lift Pit
- UPS Room
- Pump Room

# TTK's SOLUTIONS

■ A digital water leak detection system tailored to the client's specific requirements is installed on site. The solution integrates both addressable and analogue sense cables, all managed by the FG-NET digital monitoring panel.

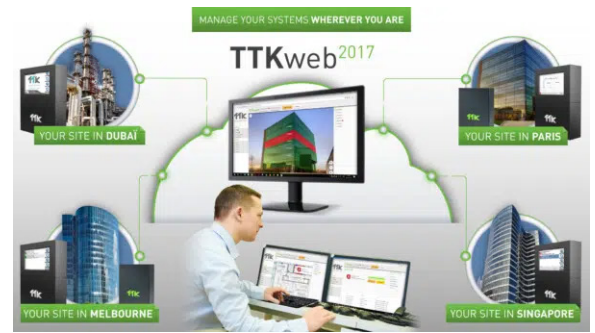
■ The retrofit project involves integrating the **TTKweb** software. This premium web-based monitoring and control solution is specifically designed for TTK's FG-NET digital leak detection units, providing centralized supervision, enhanced system visibility and ease of scalability.

■ Key Capabilities of TTKweb:

- **Multi-site management:** Real-time monitoring of multiple FG-NET panels across various locations.
- **Interactive zone mapping:** Instant pinpointing of alarms on a visual map for rapid response.
- **Remote control & diagnostics:** Users can acknowledge alarms, activate relays, or disconnect sense cables directly from the interface.
- **Dynamic configuration tools:** Build and update system architecture and zone maps without the need for third-party software.

■ This level of integration makes TTKweb particularly well-suited to mission-critical environments, such as the ADIA Headquarters, where continuous oversight and rapid incident response are essential.

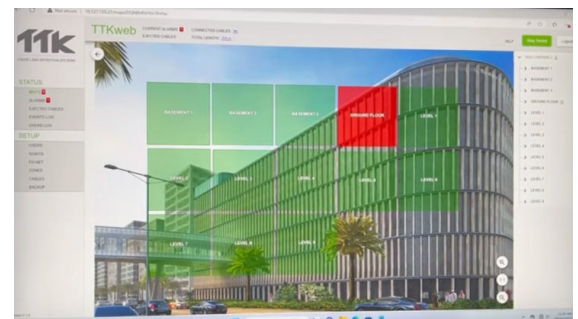
■ **Conclusion:** The deployment at ADIA reflects a collaborative and system-driven approach to infrastructure protection. By combining high-precision sensing technology with a centralized monitoring solution, TTK delivered a comprehensive and scalable system—backed by in-house engineering, manufacturing, and integration expertise.



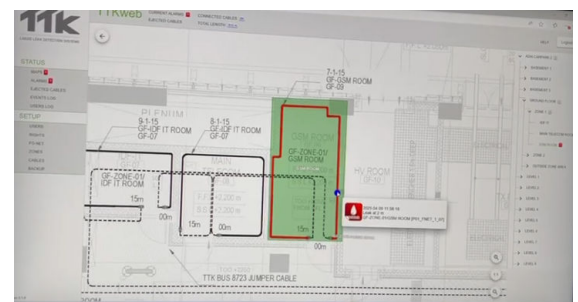
TTKweb management software



TTKweb main functions



TTKweb interface



TTKweb interface

