



Client Case Study

The Challenge

Tidhar is a leading construction company that knows that its reputation rests on quality and customer satisfaction. These values are the driving force behind its continuous innovation and drive to streamline processes, while increasing value to both residential and commercial customers.

For Tidhar Construction, the frustration of water leaks and the resulting expenses due to damage, cleanup and project delays were unacceptable.

They needed a solution that would mitigate water leaks and eliminate the issue altogether. The solution would detect leaks, alert staff, and automatically shut water off to prevent damage.

The solution had to function during all project phases, and regardless of communication or power infrastructure at the site. It had to be adaptable, robust and modular so it could grow with the site as construction progressed.



Client Overview

Multi-billion dollar construction company

Established: 1993

Employees: 950

Project underway:

10s of commercial and residential construction projects in process

Commercial: 10s of millions of square feet of office space

Residential: over 16,000 apartments



The Solution

WINT's AI-based systems are installed at multiple locations at a site, with devices added to newly constructed areas and floors as the project advances.

When the system detects a leak, it alerts staff and can instantly shut off water to the affected area. Supervisors have the option to choose automated shutoff or an alert-only policy. Site supervisors and managers can remotely view related water-flow data from their mobile devices, and immediately shut-off or activate water flows in real time.

WINT systems can even communicate over the cellular network and be powered by battery, so they can be deployed even before Internet and electrical infrastructure has been installed.

The Result

Over the past 2 years, Tidhar has deployed the WINT solution at over **40 construction projects**. These include residential highrise buildings as well as large, million-square-foot high-tech commercial facilities.

Over this 2-year period, Tidhar experienced **6 shutoff incidents** across its portfolio, with water flow rates of 400 - 2000 liters per hour (100-500 GPH). Incident causes included a defective fitting, a broken hose and a tap mistakenly left open. In all incidents, WINT identified the issue, shut water off and alerted staff, saving the sites from massive damage and delays.

Since deploying WINT, Tidhar has not suffered a single water damage incident. In fact, the company has **established WINT as a mandatory standard for all of its construction projects**; any deviation from its inclusion requires formal CEO approval.



Water damage at construction sites is one of those things that keep construction executives up at night. The physical damage can be huge and the project delays a nightmare. WINT has made this one less thing to worry about. We sleep better knowing that WINT has an eye on water at our sites.



Tal Hershkovitz, CEO, Tidhar Construction