

Tonick Watering

Project title

Abu Dhabi Smart City
Irrigation Project

Client

Precast FZCO
Abu Dhabi

Overview:

Efficient irrigation is one of the highest priorities for Abu Dhabi, a region with a hot and humid desert climate and virtually no rainfall. For the past 5 years, the Abu Dhabi Municipality has been implementing an open-sourced irrigation systems that can integrate to their city-wide SCADA platform. The Tonick platform was chosen by a local UAE-based automation and SCADA specialist for further development for the larger project. Our local partner - Precast FZCO has been actively engaged in the design and implementation of Abu Dhabi's irrigation network, and the integration of the Tonick system. We are currently underway to supply an additional 73 Tbox Controllers, 140 Tonick Two Wire Translators, and 3100 Tonick Decoders. As work with Precast continues, the projects are expected to continue for at least the next decade.

Features:

- Smart Irrigation Controllers and Valves made in Australia by [Tonick Watering](#)
- Networked to [Abu Dhabi Municipality SCADA](#)
- Field control via 2-wire decoder system
- Flow, pressure, and weather inputs with Irrigation scheduling
- Local support via SCADA specialist [Precast FZCO](#)

Outcomes:

The Tonick platform allows local authorities to integrate with existing parkland monitoring & control systems.



Tonick RM-2 and weather stations installed in Abu Dhabi park to monitor & control parkland irrigation

Contact us

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