



**S4TECH**  
SMART FOR TECHNOLOGIES

## Energy Saving Systems and Water Saver

### Products - Company Profile

**S4TECH Limited** is a unique Masdar City, UAE company specializing in the marketing and distribution Air Conditioning, Chillers, Refrigeration Energy Saving Systems and Water Saving Systems; which have been extensively researched, developed and successfully implemented in the **France, Austria, European and other Worldwide markets.**

Much work has already been completed in proving the kWh savings achievable with our Energy Saving Systems within the **GCC** including the establishment of system test results, alliances and distributorships.

These Eco-Friendly Energy Saving Systems are designed to be compatible with most Air Conditioning, Chilled Water and Refrigeration system manufacturers such as York, Trane, Daikin, Panasonic, Mitsubishi, Carrier, Fujitsu are now used by many leading organizations based in France and mainland Europe.

Our Air Conditioning Energy Saving Systems have been successfully introduced, demonstrated and sold into the **United Arab Emirates, GCC and worldwide.**



# Our Products

## 1- Energy Saving Systems

Our Air Conditioning and Refrigeration Energy Saving Systems will reduce kWh Energy Consumption with Electricity Bill Savings from 15% to 30% creating fast payback and return on investment (ROI).



The **AMI V1** device from **S4TECH** is an intelligent control system that improves the energy efficiency of air conditioning and refrigeration systems by adding an additional stage for compressor-based air conditioners in conventional refrigeration.



## 2- Water Savers

**S4TECH** Offers innovative solutions to save water for taps and showers, our products shape water streams, regulate flow rates, and protect against pollution.

Our products make a valuable contribution to protecting the climate and the environment by conserving water and helping to reduce energy consumption in hot water production.



Our products provide a valuable contribution to climate and environmental protection by conserving water and helping to reduce energy consumption in the production of hot water.

Our range of water saving fittings is ideal for commercial and residential applications which can save up to **70%** of water consumption By Using the latest water saving technologies.



### 3- Smart Energy Metering - Cloud Based

Our system monitors electrical energy consumption at the site level as well as at the individual circuit level. It detects excess usage, allowing organizations to identify and reduce energy, maintenance expenses and monitor site-level consumption.

The system consists of wireless, self-powered sensors engineered to allow for rapid, non-invasive installation, with almost no disturbance to operations. Sensors are easily attached to circuit breakers by snapping them onto the outgoing electrical wire. They monitor the flow of electricity through the magnetic field it creates and also use it as a power source. The sensors do not require any maintenance.



Sensors report the power consumption to the bridge. The bridge, in turn, transfers the circuit level information, along with readings originated by the utility meter and read through a pulse input on the bridge, to the cloud, the solution's cloud-based analytics platform. A single bridge can collect data from up to 250 sensors and two utility meters, and multiple bridges can be used in a single site to increase coverage.





## Summary

S4TECH will Help in energy and water-saving projects through our products that include installation, testing, commissioning, maintenance, and project handover.

All of our products have been tested and documented by evaluation reports where we will be pleased to provide upon request.



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