

Water Tracker



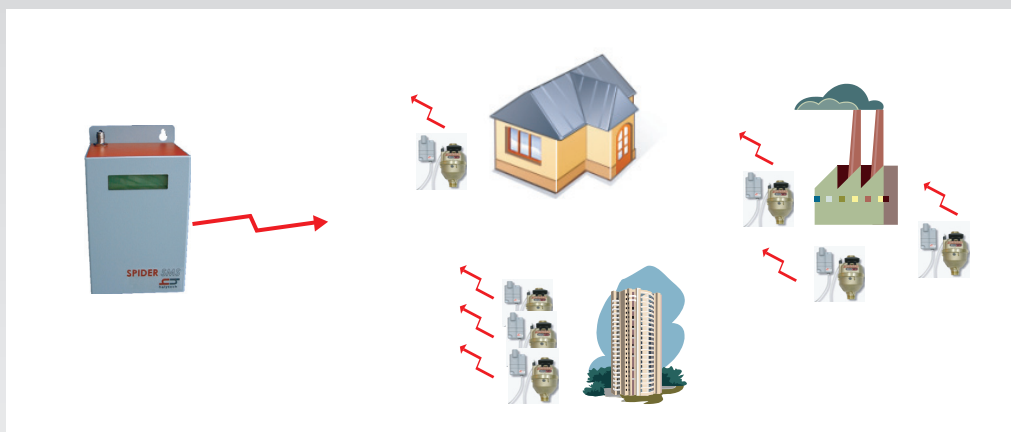
Advanced Wireless Smart Metering System

Description

Halytech Water Tracker is an advanced Wireless Smart Metering system for Automatic Meter Reading (AMR), monitoring and conservation of water, gas and electricity.

This proven economical wireless solution means you can now afford to install AMR and monitoring solutions in existing or new buildings and factories, or even whole streets. No trenches need to be dug and no fixed wiring needs to be installed.

The solution is made up of a central base station, (Spider), and a set of remote wireless transmitter (WTX) modules. Each Spider wirelessly reads up to 200 utility meters connected to the transmitters, through walls, ceilings and floors or externally to transmitters up to 1 km away. This range can even be extended to several kilometres using repeater modules. The Spider then sends reports back to you via email or directly to the web site where you can see graphs of usage, do analysis, set alarms and download reports.



Typical Applications

- Automatic Meter Reading (AMR)
- Energy Monitoring and Management
- Leak Detection
- Water Management and Conservation
- Suitable for Residential, High-rise, Industrial & Commercial Sites

Specifications



Benefits

- Meet regulatory obligations
 - Generate reports
- Save Water and Energy
 - Identify leaks
 - Monitor usage
 - Develop management strategies
- Total Solution
 - Spider base station
 - WTX meter pickups and transmitters
 - Web site data reporting and archive
- Easy to install wireless solution
 - Economical; quick & easy to install
 - Reliable; no more damaged cables
 - Expandable; easy to add more meters
- Easy to use
 - Browser based, no extra software
 - Automatic reporting
 - Web site graphics
 - Automatic leak detection reports



Solution Components

Water Tracker Spider

Solution Base Station

- Includes all necessary software and hardware.
- Monitor more than 200 meter points
- Built in wireless links to meters
- Mobile and Ethernet connections
- Automatically sends periodic Excel compatible reports and emails
- Solar or mains power operation
- LCD display
- Optional IP 67 enclosure
- Connect using your browser



WTX

Wireless Transmitter Device

- Designed for outside - IP68 rating
- Monitors up to 4 meters
- Tamper detection alarm
- Battery powered
- Can act as repeater



Web Site

Secure easy to use web site for all your data.

- Secure log in
- Interactive graphical display
- User configurable alarms
- Automatic report generation
- Download to Excel
- Spider automatically sends data to web site



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