



Real Time Remote Control and Monitoring

Name of company

Reali Technologies Ltd.

9 Bazelet st., POB 12373
Mizpe Sapir Industrial Zone
Zur Yigal 44862, Israel

www.RealiteQ.com RealiteQ@RealiteQ.com

Company profile

Reali Technologies Ltd., a private owned company, is a sister company to Topco C&A Ltd. and NC Engineering Ltd., both well established firms with more than 25 years of experience in control systems, Telemetry and SCADA.

The company offers state of the art technologies for Real Time Remote control and Monitoring of water and energy systems. The installed technologies supply Global Connectivity and Control.

Through its leading technology "RealiteQ", the company provides connectivity, Control and data management services to municipalities, utilities, associations and OEMs throughout the world.

Technology & product(s)

General description:

RealiteQ opens a virtual IT infrastructure that facilitates Real Time Monitoring, Controlling and Data Acquisition of remote systems that are distributed at various locations and different networks world wide. It solves real time data, continuous historian, alarm handling, visualization and remote operation. RealiteQ allows connection of 3rd party application and which allow analyzing data, generating reports and making Real Time process optimizations to affect remote sites.

Among the most common applications connected to RealiteQ are solutions for energy efficiency, water leak detection and prevention, network solvers, integrated reports and more.

Function of the product(s):

RealiteQ's Secured Streaming Technology allows critical events to be monitored and controlled over all public networks (cellular, satellite, xDSL). It is a highly secured yet open platform, and so it enables various type and 3rd party solutions interfacing.

RealiteQ is a Real Time Control and Monitoring technology used for remote systems that are distributed to large areas or even worldwide. RealiteQ harnesses the power of Internet, satellites and Cellular networks to offer unparalleled performance, scalability and ease of use.

Topology of RealiteQ includes:

- RealiteQ Producers: A client (iCex, embedded or encapsulated) that generates real time data at remote sites and communicate with other controllers or Instruments.
- RealiteQ Consumer: A client (RealiView, RealiOPC, RealiCON, WEB Kit) that consumes Real Time and Historical data (WEB Browsers, HMI's, WAP etc.).
- COMP (Central Online Management Portal): All communication among RealiteQ's producers and consumers are securely mediated through the COMP.

Examples of past projects / references

- Worldwide: Remote optimization and Real Time Remote Control for cooling water systems
- Germany: Real Time management for VPP (Virtual Power Plants) and Smart Grid
- Europe: WEB SCADA for Pumping Stations spread countrywide
- Israel: Water efficiency and leakage detection/Prevention in large systems
- Africa: Remote Monitoring of Solar and Wind Power Systems
- Worldwide: Diesel Generator Load Shading management solution
- Worldwide: Water chemical dosing monitoring and control for paper factories.
- Worldwide: Sewage and recycled water pumping stations monitoring and control.

Total employees for your company

9 employees

Target sector for technology & product(s)

The company provides connectivity and data management services to:

- Municipalities
- Utilities
- Associations
- Energy groups

The company therefore cooperates with OEMs and integrators with national and international projects as well as with OEMs and manufacturers seeking to embed RealiteQ's components (mostly a piece of software) in their products (Controllers/Analyzers/Remote units etc.)

Ideal partner

- Manufacturers of controllers/pumps/Analyzers etc.).
- System integrators
- Engineering firms.
- Utilities.
- Distributors for telemetry or control (PLCs, instruments, Pump Controllers etc).