

About REMMON

REMMON Remote Monitoring Ltd. takes advantage of the advances in the cellular data communication field to replace traditional landline or RF based systems with cost effective, intelligent, remote monitoring and control of hardware devices over the cellular backbone.

Since its founding in early 2001, REMMON has successfully shipped over 5000 Remote Terminal Units (RTU) to clients around the globe. Our product line includes GSM RTUs (R-LOG and R-LITE), middleware solutions and web management solutions that have been successfully implemented in numerous projects.

Why work with REMMON

When you choose to work with REMMON, you not only benefit from a cost effective and versatile product range, but also from a company that provides:

- A wide range of robust products and solutions
- Strong technical and R&D support
- Products that easily integrate with common industry standards
- Proven expertise in data communication
- Extensive experience gained through numerous installations worldwide.
- Long term and supportive business partnership



Applications

REMMON units enable a wide range of M2M (Machine to Machine) communications:

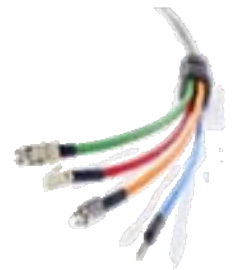
- **SMS** alarms and SMS controls
- **Email** data logs
- **Online** monitoring
- **Real-time** management through Web console ([Link](#), User: DEMO, Pass: 1234)
- **Direct** connection to incumbent SCADA/HMI systems



Integrations

REMMON products have a proven track record of interoperability with:

- **Temperature sensors** (e.g. PT100, 4-20ma, Dixell)
- **Wind Sensors** (including GILL, VAISALA or through pulse counters)
- **Data Loggers** (e.g. Fourier Microlog, Decagon, RX45, Datataker)
- **Soil and moisture sensors** (e.g. Sentek)
- **Devices** (e.g. GPS, PL20, Novus DigRail, Brain Child)
- **Power Meters** (e.g. Satec, Schneider PM-X, DeepSea)
- **Soft starters** (e.g. Emotron, Solcon)
- **PLC/Controllers** in Modbus, Hostlink, Unitronics protocols (Siemens, GE, Omron, Koyo, Alan Bradley, Izumi, Schneider PICO, ABB etc.)
- **HMI/SCADA** (e.g. Cimplicity, Pcim, Citect, Wizcon, Viewniq)



Market Segments

Our products complement solutions and applications in the following market segments:

- **Industrial Automation:** Process monitoring, data readings and machinery and production controls
- **Water Management:** Process monitoring (Treatment and Filtration), pump controls, pressure and flow data readings
- **Environmental Applications:** Weather stations and environmental condition monitoring
- **Agriculture:** Irrigation control, soil and moisture data readings, frost alarms
- **Facility Management:** Climate control (server rooms, pharma and food storage), air conditioning and boiler systems monitoring (AKA HVAC)
- **Surveillance Systems:** Electronic gate controllers, remote site protection, access controls
- **Electricity and Energy:** Public lightning monitoring, electricity quality, gas and oil data readings
- **Transportation:** Train management, heavy duty machinery monitoring, cold chain monitoring (on-the-go).



Our Clients

Our client base includes distributors and integrators, governmental agencies, municipalities, private and public companies.

Projects

Notable projects where REMMON was directly involved:

- **Public Lighting and Environment Monitoring System, Energex Australia:** A system which monitors environmental conditions in order to save energy and improve the operations and maintenance of public lighting.
- **Train Monitoring and Data Log System, National Express UK:** Aggregating and transferring data from over 90 sensors and devices that monitor data on traveling trains, like location, temperature, and other data reads. All data logs are aggregated and inserted by REMMON software to a database at the Control Center.
- **Weather Monitoring Systems for Windfarms, Spain:** Aggregating, logging and transferring data reads from wind farms.
- **Climate and Weather Control System for the Olympic Games, London 2012, Omni UK:** Aggregating, logging and transferring data toward a web-server that provides real-time data reads of weather conditions at the Olympic bay in Nothe Fort, Weymouth.
- **Agriculture Application for Irrigation and Fertilization, Galcon, Shnitzer-Dan, Wellford Chile:** Tracing, monitoring and data logging of information including engine RPM, fuel, oil, and temperature indications sent to the control center via email. Providing sufficient data for analysis and troubleshooting and control of motor engines and pumps in water facilities.



- **Advanced Electricity Counting System, Israel Air Force (in collaboration with SATEC Israel):** Counting, monitoring and control of electricity consumption in remote bases, including the collection and collaboration of data on the web based management system.
- **Sewage Treatment Institute, JetLine Israel:** Remote monitoring of PLC and sensor device units through a control center, providing real-time monitoring of the sewage treatment process.
- **Public Signposting Management System, Israel IROAD:** Mapping and controlling all the LED signposts of the Public Safety Authority, updating the messages on the signposts via REMMON products.
- **Water Facilities Protection, Local Water Authorities, Israel:** Unique systems for water security systems, monitoring and alarming according to the surveillance routines.
- **Swimming Pools -Water Quality Control, Hidrofarm Israel:** Monitoring of critical data values that are related to water quality; whenever these values fall from a predefined threshold, an alert is sent to the control center in order to trigger the relevant maintenance/treatment process.

