

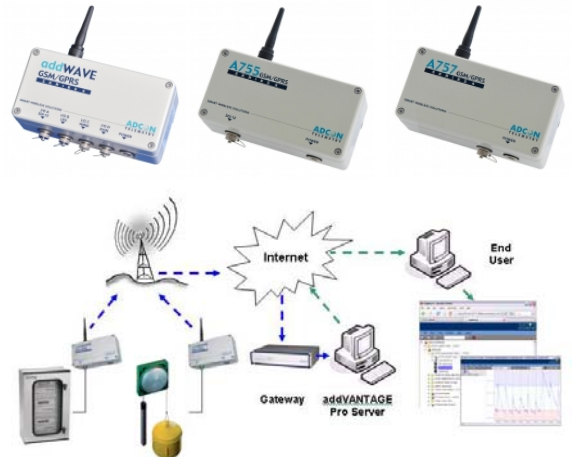


## Water Monitoring

Adcon's mobile phone based loggers make the ideal choice for remote water monitoring. The system exploits the power of the Internet to deliver data to you live, via your web browser. You can choose to run your own server or have the data hosted by Adcon Telemetry or your local distributor.

### NextG Telemetry

Our range of compact, solar powered, remote telemetry units (RTUs) operate on either the conventional GSM network or Telstra's NextG network. The latter giving superior coverage in rural areas. The RTUs are powered by an internal NiMH battery, which is charged from a compact solar panel. We can even fit a single use Lithium battery, for applications where solar panels can not be used. With everything contained in a sturdy IP66 rated case, there is no need for separate enclosures. The RTUs combine high resolution (16bit) with large memory size (2Mbyte) and can be programmed to record and transmit data over a wide range. To minimise costs, data is transferred using a GPRS data connection - you only pay for the data you transmit, not to make each call. Monitoring sites can typically be operated with a SIMM on a \$5 per month telemetry plan.



### addWAVE Telemetry Units

There are 3 units in the addWAVE family: the A753, the A755 and the A757. Each has a different configuration and capacity so there's a unit to suit every application: the A753 for applications requiring a high count of analogue sensors, the A755 for SDI-12 and MODBUS sensors and the A757 for pulse sensors (rain, wind, flow).

### A850 Telemetry Gateway

The RTUs send their data to an A850 Gateway (an embedded Linux machine) which acts as a mid term data buffer and is used to configure and test the units. The A850 then passes the data (via a TCP/IP connection) to a computer running addVANTAGE Pro.

### Software

AddVANTAGE Pro is not your average piece of software. It includes a bundled web server and provides a rich feature set to users via a web browser. Down below there's a rock solid Oracle database. Whether you are running your own server or accessing the data from ours, you get the same control over your data.

### Water Sensors

You probably don't think in terms of sensors - it's applications you worry about: stream, pipe and channel flow; groundwater level water temperature, pH, DO, turbidity. If you don't know what sensor suits your application, let us help. With brands like OTT, Hydrolab, Keller, Labrecht, Kipp and Zonen, Vaisala and many more at our disposal, we should be able to find just the right one. We've designed our RTUs to be compatible with as wide a range of sensors as possible. That means that whatever sensor you choose, whether you want single or multi-parameter probes, connecting them to an Adcon RTU is as simple as can be.

