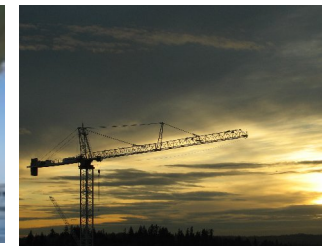


T24 Wireless Telemetry

Advanced Intelligent Instrumentation



ME mantracourt
New Generation Radio Telemetry Range

Our solutions provide multiple input data acquisition in real time

The T24 wireless telemetry range provides high quality remote readings, often in harsh environments, to record and transmit data in real time for critical applications such as structural & ground monitoring, oil & gas flow, food production, motor sports, lifting and loading, industrial weighing as well as many other sensing applications.



Above - Enclosed Acquisition Module for Integration with Sensor

Wireless acquisition modules include Voltage, Current and 5 wire measurement inputs such as strain bridges allowing our customers to collect data from a wide range commercially available of sensors.

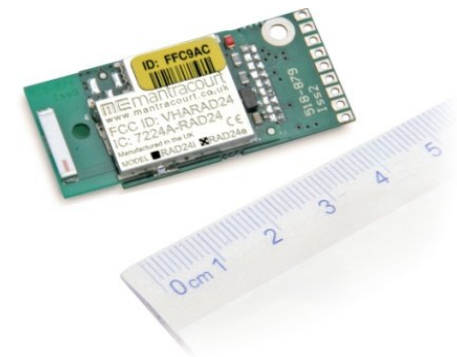
Low power and low maintenance

Mantracourt's low power radio unit allows widespread data collection for many years with no sustained power, offering lower costs against similar wired systems.

Built around our own custom proprietary communication protocol, the T24 range provides secure guaranteed digital data transmission.

Acquisition modules provide data in real time at variable speeds.

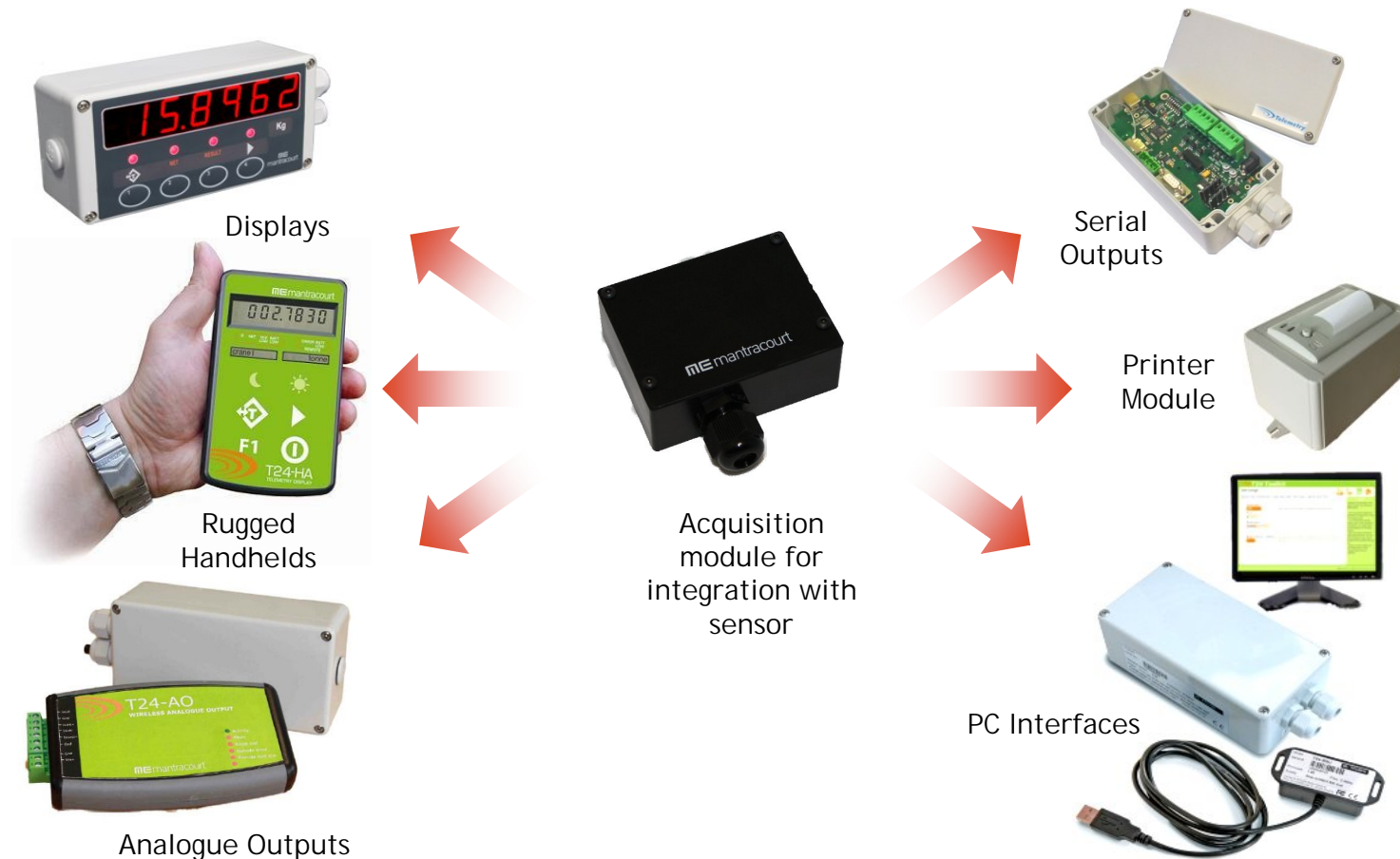
Acquisition modules have a direct line of sight range of up to 200 meters (650 ft) which can be extended with the use of antenna's and passive repeaters.



Above - OEM acquisition device

Modular design focused on your application

The T24 range has been designed so that one acquisition module can provide data to multiple output devices and output devices can accept data from multiple acquisition modules.





Simple links for simple solutions

Acquiring inputs from multiple or single sources to static and portable displays allows operators to monitor their sensor data in real time.



Acquisition
Modules



Display Module



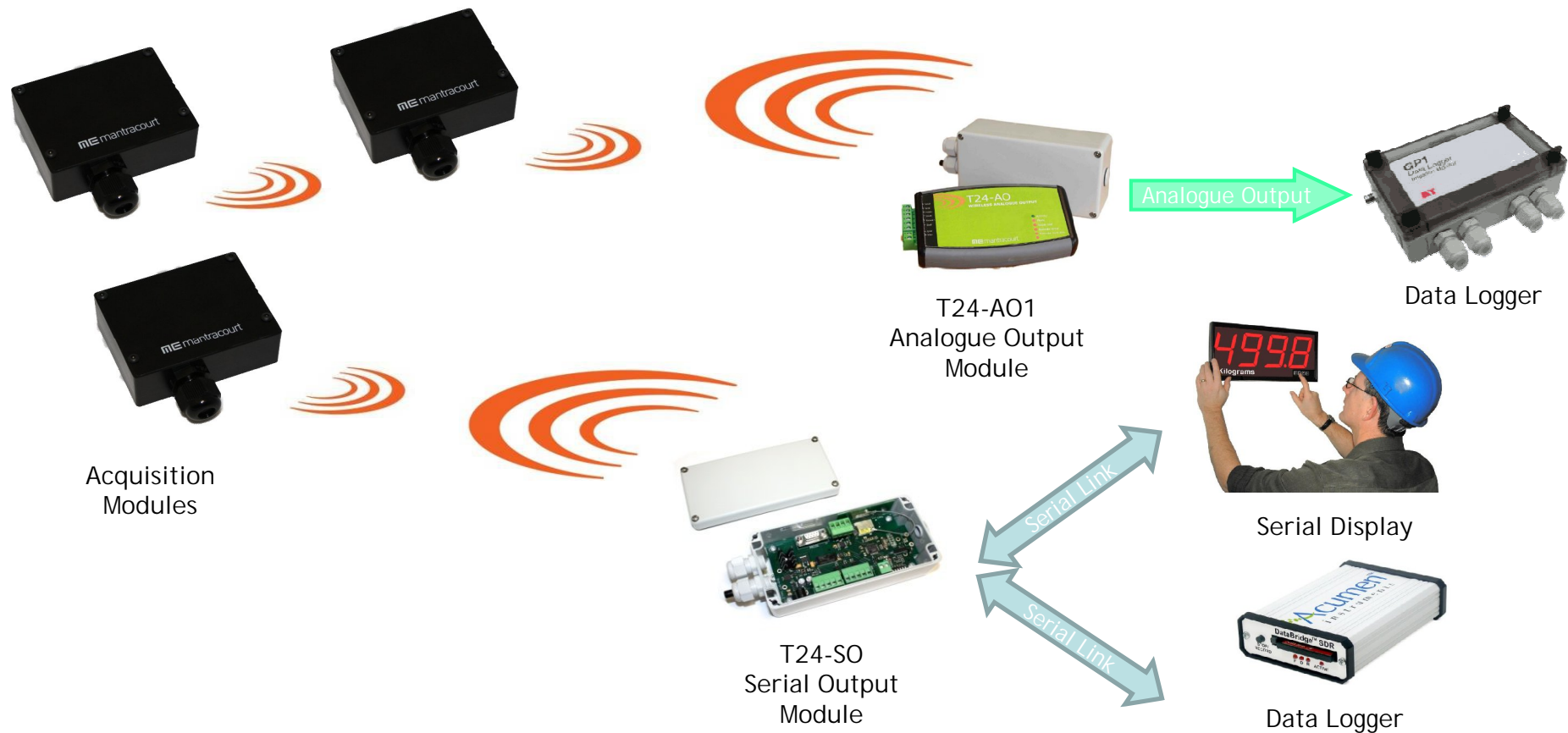
T24-HS
Handheld



Display and log your data in the field

Acquiring data from multiple inputs can simply be displayed or logged to any RS232 display or data logger.

Alternatively a single acquisition module output can be represented as an Analogue output.





On-site computer? On-site logging and monitoring

On-site PC terminals are commonly available and can easily be used to gather and log data from multiple acquisition modules on-site. Coupled with custom software for your application, graphical representations can be created for your sensor data.



Acquisition
Modules



T24-BSu or T24-BSi
Telemetry Base Stations



Acquisition to desktop from anywhere in the world

Time stamped on reception all data collected is forwarded to your desktop via email or direct to your company server, as well as providing instant SMS alerts to your mobile phone triggered by user defined sensor inputs.



Acquisition Modules

New technology
due 2011



T24-RDC



Approvals & Range

The T24 Range operates on world-wide license exempt 2.4GHz and has world-wide approvals; FCC, ETSI & Industry Canada approved.



Contact us to discuss your application with one of our specialist engineers

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