



T24 WIRELESS TELEMETRY SENSOR SYSTEM

MADE TO MEASURE

LATEST UPGRADES

- ★ New integrated radio module and antenna for superior performance and coverage in challenging environments
- ★ Free logging and visualisation software to display and build visual representations of systems with live readings. With audible alarms, reports, logging and built-in webserver for data on the go
- ★ Wireless transmission range up to 800 m (half a mile)
- ★ Improved product security for increased system isolation



**THE T24 WIRELESS
TELEMETRY SENSOR
SYSTEM IS A MODULAR
WIRELESS SOLUTION
FOR INDUSTRIAL
SENSOR APPLICATIONS**

High accuracy, high quality measurement is interfaced with simple yet powerful configuration and monitoring software. T24 gives sensor manufacturers and integrators the complete

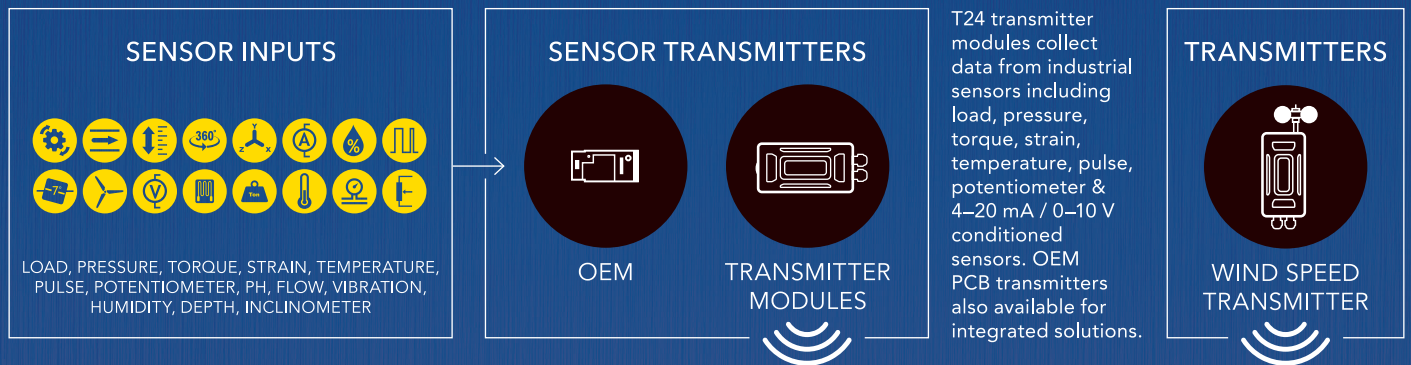
flexibility to build their own sensor modules around it. The system easily replaces wired systems, reducing installation and maintenance costs.



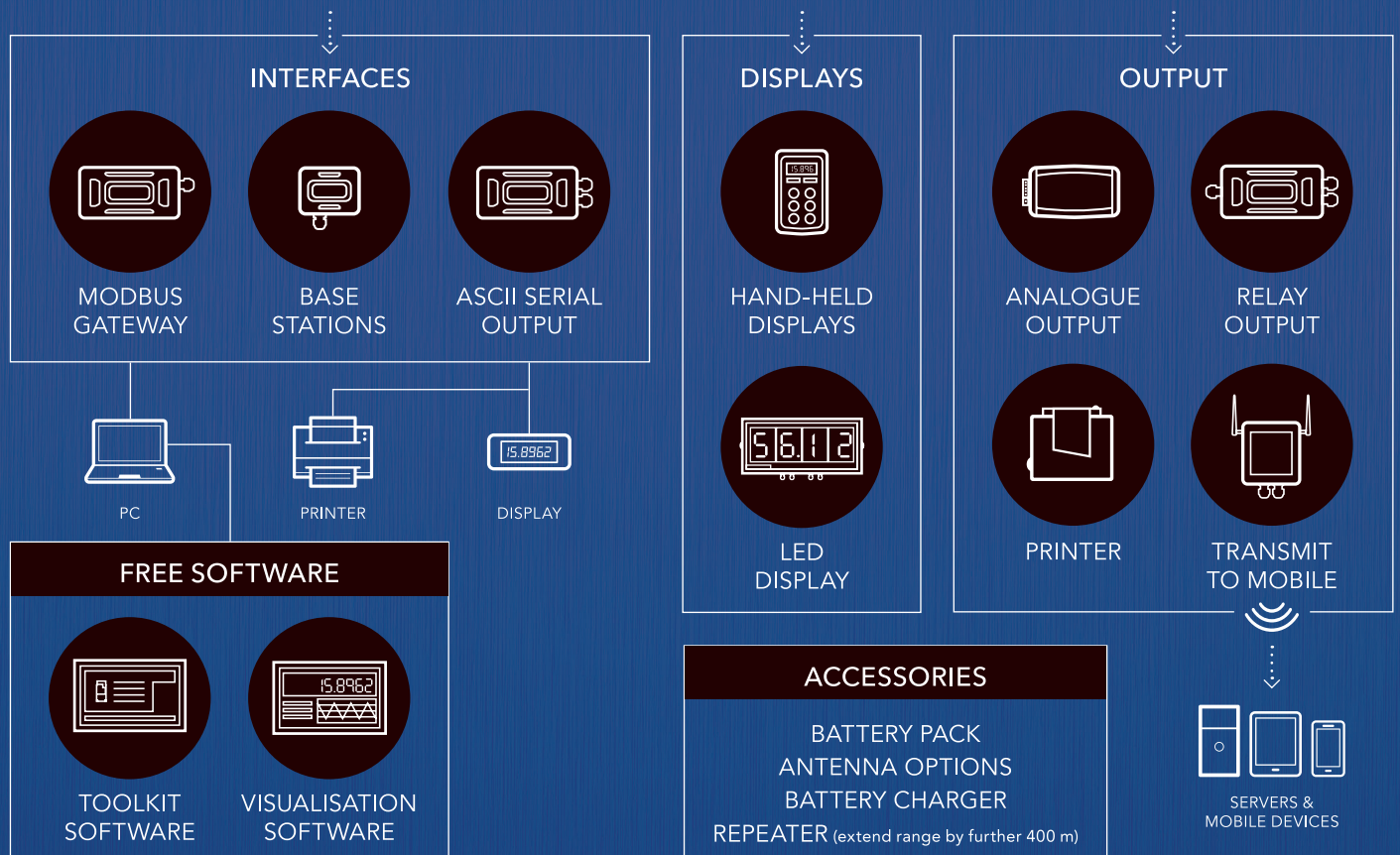
MADE FOR SIMPLICITY

A WIRELESS MODULAR SYSTEM

TRANSMITTERS



RECEIVERS



T24 PROVIDES

- Exceptional performance in the harshest of conditions
- High measurement low noise electronics
- Long battery life of up to five years in the field
- Proprietary license free 2.4 GHz
- Intuitive software which calibrates to sensors in under three minutes

MODULAR SYSTEM

We know how industry applications can vary, so T24 can be constructed to fit around each requirement. Transmitter modules, base stations, robust handheld displays, serial outputs, relays, printers and analogue outputs can be simply configured to suit your needs.

MEASUREMENT QUALITY

High accuracy, low noise measurement electronics deliver high resolution, low drift results which can be user calibrated over nine points to enable linearization and to deliver results in user definable engineering units. The results can be transmitted at rates of up to 200 per second to other T24 devices.

POWERFUL SOFTWARE

Configuration of devices is simple with our user friendly Toolkit software. Configure and calibrate by using either known inputs or by table entry.

RANGE & COVERAGE

T24 modules are fitted with efficient antennas which provide superior performance and data integrity. The antenna's signal integrity and coverage overcomes challenging environmental conditions such as moving objects or high metallic environments. The license free 2.4 GHz Direct Sequence Spread Spectrum (DSSS) radio technology offers high integrity, error free communications which can co-exist with other wireless technologies such as Wi-Fi, Bluetooth® and Zigbee®.

T24 INDUSTRY EXAMPLES

Construction

- Monitoring tension and compression on shoring struts
- Crane/underhook scales

Waste Management

- Bin weighing

Marine

- Tension measurement on mooring lines

Energy

- Pressure sensing in gravity fed power station
- Strain measurement on wind turbine blades

Automotive

- Torque measurement on rotating shaft
- Weight distribution on high performance vehicles

Oil & Gas

- Monitoring dynamic stresses on umbilical cords

LATEST UPGRADES

SMARTER DIAGNOSTICS & IMPROVED SECURITY

Our more powerful version of the T24 Toolkit provides improved monitoring of the channels as well as the ability to check radio link quality, execute commands, view and alter parameters. New functionality in the Toolkit gives the ability to assign transmitters with security keys.

INCREASED SIGNAL STRENGTH & COVERAGE

T24 modules are fitted with efficient internal antennas to overcome challenging environmental conditions such as moving objects or high metallic environments.

TRANSMISSION RANGE OF 800 M

With improved signal integrity, T24 can transmit data up to 800 m (half a mile) which far exceeds the range achieved by other systems found on the market today.

" We are very pleased with the T24 functionality. Our customers find the software easy to use, fully functional and being laptop based makes it all easy."

Larry Jackson, Jackson Scales

WHY WIRELESS?

- Save time and cost compared to installing a similar wired system
- Ideal for temporary applications and reusable
- The ability to place transmitters in hard to reach locations without the cost and logistics of cabling
- Maximum flexibility to respond to all types of industry applications
- Low maintenance costs with reliable data collection for many years



MADE FOR VISIBILITY

FREE DATA LOGGING AND VISUALISATION SOFTWARE

Our Logging and Visualisation Software logs up to 100 channels and builds visual mapping displays. Audible alarms can indicate under and over range as well as loss in communications, reports, low battery and error reports. Built in web server provides a summary view page to other computers, tablets, iPads and smart phones etc. using a standard browser.



- Innovation in Design
- Top quality material used beyond industry standard
- High level of traceability
- In-house Training available
- Hazardous area load cells available
- Dedication to Safety Standards
- Continuous investment in QA and testing facilities
- An ISO9001 company

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