

Messenger BLE

Integrated Telemetry and Monitoring System
(formerly Antx Messenger BLE)



Messenger BLE

Integrated telemetry system used for the management of remote assets

Communication

Allows two-way communication on remote equipment

Reporting

Engine diagnostics are filtered to eliminate excessive reporting on intermittent faults

Connections

Supports devices connected via Modbus RTU and direct connections to digital and analog signals

Flexibility

Works with electronic engine controllers, ECU's, devices on a CANbus, devices connected via Modbus RTU and direct connections to digital and analog signals



Messenger BLE

Integrated telemetry used in the industrial market for generators and OEM-specific equipment



- Multi-System Connection
- Output Relays
- Reporting
- Fault Management
- CANbus
- Analog and Digital Inputs
- Modbus Functions
- Backend Communication
- RemoteIQ™ Messenger BLE App



Messenger BLE Features



Multi-System Connection

Works with electronic engine controllers, ECU's, devices on a CANbus, devices connected via Modbus RTU and direct connections to digital and analog signals

Reporting

Pre-configured to monitor and report standard CANbus engine messages, daily fuel rate, maximum and minimum values of all engine parameters are automatically reported

Messenger BLE App

Remote activation and link to configure your equipment using the RemotelQ Messenger BLE app. Available for Apple® and Android devices

CANbus

Supports multiple CANbus speeds, multiple devices on a single CANbus and reading and writing (for OEMs)

Analog Inputs

Three analog inputs for current or voltage inputs, reported as raw data or converted to engineering units

Output Relays

Two output relays controlled manually or automatically based on analog values exceeding thresholds or digital inputs changing state



Messenger BLE Features



Digital Inputs

Supports up to four digital inputs for detecting on/off conditions or used as pulsing inputs (e.g. flow meters)

Modbus

Independent Modbus master and slave communication over two serial ports

Satellite

Optional satellite modem enables coverage in hard-to-reach areas around the globe

Modbus Functions

Supported Modbus functions include 16-bit and 32-bit versions of: register, coil, float and packed-digital reads and writes

Fault Management

Engine diagnostics are filtered to eliminate excessive reporting on intermittent faults

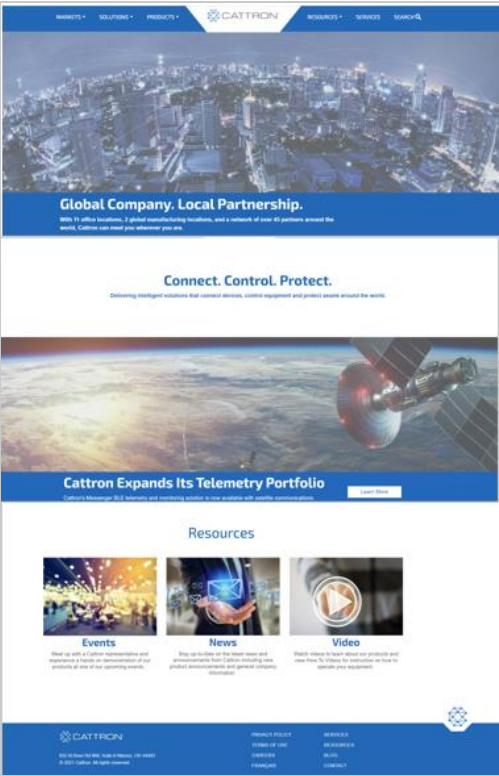
Backend Communication

Backend reporting via UDP or TCP using proprietary protocol



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