Engine Predictive Maintenance

Interface to the engine or engine controller using Modbus, RS232, RS485 or CAN Bus to monitor and control the engine.

Monitor flow and pressure sensors with the 4-20mA inputs.

Use the built-in accelerometer to monitor vibration levels to detect misalignment and cavitation.

GPS provides position and speed.

A sudden increase or decrease in fuel consumption may indicate clogged filters, or engine malfunctions.

Changes in temperature and pressure of motor oil and coolant may indicate leaks and contamination.

If RPM varies in the same operating mode, it may indicate engine problems or incorrect operation.

Acting on an engine fault quickly saves!

SENQUIP

TELEMETRY FOR HARSH ENVIRONMENTS
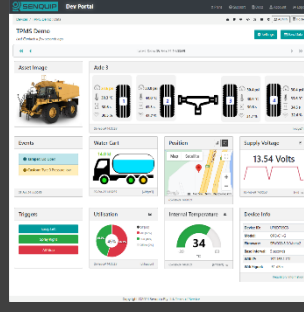
Why Senquip?

Connect to Anything

Interface to any engine, controller, or sensor, no matter the brand, physical interface, or protocol.

Process Everything

Edge process measured data, create custom alerts, and control connected systems.

Send Anywhere

Send data to the Senquip Portal or any other server. No ongoing costs, no lock in contacts.

Trusted Everywhere

Designed for use in harsh industrial, mining, and agricultural environments.
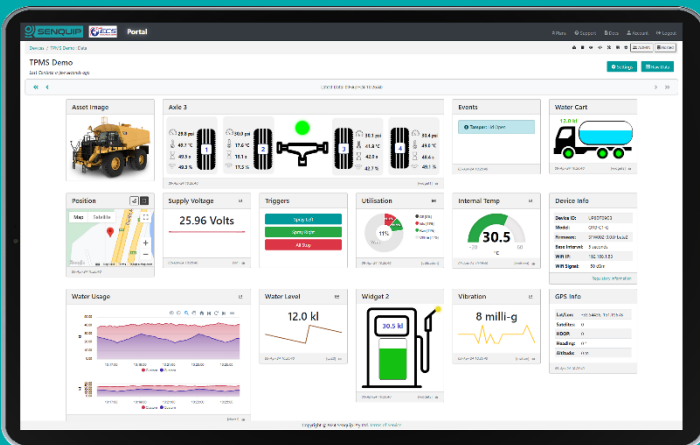

Senquip ORB

For extreme environments where IP ratings are essential and external antennas may be damaged. Typically mounted on poles, walls, and externally on machines

Senquip QUAD

For harsh environments where external antennas are a benefit. Typically found in electrical cabinets, in operator cabs, and mounted externally on machines.

Senquip Portal

The Senquip Portal is a secure cloud solution that offers a no-cost or low-cost device management and data hosting + analytics solution for Senquip devices.

SENQUIP

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