

SENQUIP CASE STUDY: DE-WATERING PUMP



CHALLENGES FACED

- The safe removal of excess water by de-watering pumps can prevent hazards like mudslides, unstable foundations and equipment failure. They are also essential for disaster recovery during flash flooding etc.
- Because of this type of application, de-watering pumps are often left unsupervised, leaving them vulnerable to theft.
- If sites are flooded, productivity drops to nil. It's crucial that excess water is removed in a timely and unproblematic manner to maximise staff and assets on site.
- Being small and fairly mobile, de-watering pumps can easily be moved around. This is an extra challenge for plant hire managers.

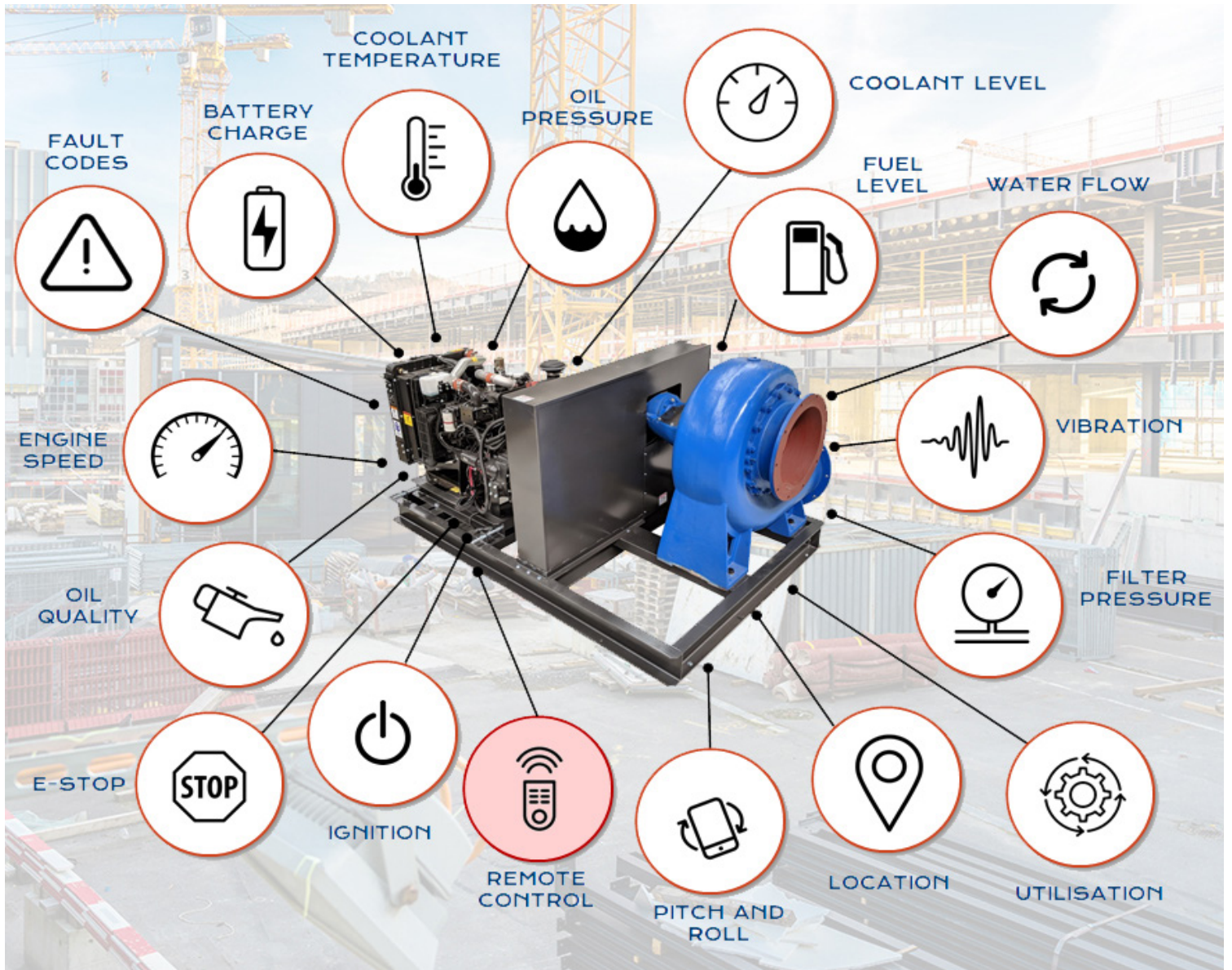
SOLUTIONS PROVIDED

- The ORB is connected through a 4G cellular network, connecting directly to a mobile phone, providing data on the pressure in the pump suction line (indicating flow), the engine running condition monitored via the magnetic pick up, and the fuel level sensor, with remote control to shut down the pump if needed.
- The ORB always comes as standard with GPS and Google Map view through the ORB dashboard portal, providing a live location update, and the ability to build a protective Geofence. This alerts the site manager if the pump is moved or is moving, its direction and speed of travel.
- The ORB as standard will monitor the de-watering sets engine starting battery, which is displayed on the portal in live time, with SMS alerts if the starting battery is low.
- The ORB's internal battery will last up to 12 months. Additional power can be supplied through hard power wiring, AA batteries and a solar kit if requested.



**IDEAL FOR BOTH SITE MANAGERS & FLEET OWNERS
HUGELY PROGRAMMABLE & VERSATILE
BUILT FOR EVEN THE HARSHTEST ENVIRONMENTS
GIVES EXTENSIVE VISIBILITY TO UNMANNED OR REMOTE EQUIPMENT**

SENQUIP AND YOUR PUMP



IPU are the only UK distributor for the Senquip ORBs. But we're so much more than a box-in, box-out distributor. Thanks to our in-house software engineers, we can build custom solutions made for your application.

This, along with our huge range of market-leading Enovation HMI displays and industrial Powercore controllers, gives you unbeatable visibility and control over your assets.

FOR FURTHER DETAILS, PLEASE VISIT:

IPU.CO.UK/SENQUIP

FOR MORE INFORMATION, PLEASE CONTACT:

+44 (0) 121 511 0400

