



# PROTEUM

Distributor of marine products and services across UK & Ireland

## S.M.A.R.T. Engineer

**S.M.A.R.T. Engineer is Proteum's ground-breaking Service Monitor and Remote Tracking Engineering System. This system has been exclusively designed for the OXE Diesel outboard for commercial applications.**

Availability of real-time engine data will assist any operator to maximise uptime and considerable cost reductions of planned maintenance, risk reduction, monitoring, administrative time and fuel savings.

### Monitor and Protect

S.M.A.R.T. Engineer can monitor up to four engines installed on one boat, with the facility to monitor an unlimited number of vessels in the fleet via its customisable online portal.

Using green, amber and red tolerance for all parameters allows S.M.A.R.T. Engineer to predict possible future failures, which would otherwise result in downtime and loss of earnings. Automated warnings will alert operators and support engineers to the pending issue, enabling them to resolve the problem during a planned service visit.



 **OXE**  
DIESEL

## Detailed Reporting

All data collected by the S.M.A.R.T. Engineer is archived in the online portal. From this portal, highly detailed customisable reports will be exported, providing the operator with valuable insight which could demonstrate a cost saving and operational benefits.

This information can also be used to automatically schedule a maintenance programme, ensuring continued warranty requirements are met and prolonging the life of the engine.

## Parameters Monitored

- Engine RPM
- Engine hours
- Engine oil pressure
- Fuel flow rate
- Fuel pressure
- Engine Load
- Exhaust temperature
- Turbo boost pressure
- Engine coolant temperature
- Battery voltage
- Total fuel used



*The S.M.A.R.T. Engineer's customisable online portal*

**For more details please contact our sales team**



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