

OFFSHORE

Vessel Monitoring System

Dyena OFFSHORE enables vessel operators to maintain operational oversight, maximising productivity and increasing wellbeing of staff.

Dyena OFFSHORE Protect provides operational data that covers a wide range of offshore activities including vessel vibration and impact exposure, system maintenance and warranty protection.

The Dyena OFFSHORE Protect system is simple to fit, just requiring power. The internal GPS and 3 axis accelerometers record data to the onboard memory every second for an indelible record of the vessels activities.



Complete system supplied in rugged housing ready to operate

PROTECT

Suitable for all vessel types

- ✓ Installed on 5 m to 190 m vessels
- ✓ Inshore patrol
- ✓ Wind turbine transfer
- ✓ Pleasure craft

Solid Secure Hardware

- ✓ IP67 rugged housing
- ✓ Internal back up power
- ✓ Encrypted data storage
- ✓ Simple to fit and setup

Maintenance Free

- ✓ Over 2 year memory
- ✓ No access to hardware required
- ✓ Data uploaded via wi-fi
- ✓ Auto calibration

Reduce Operating Costs

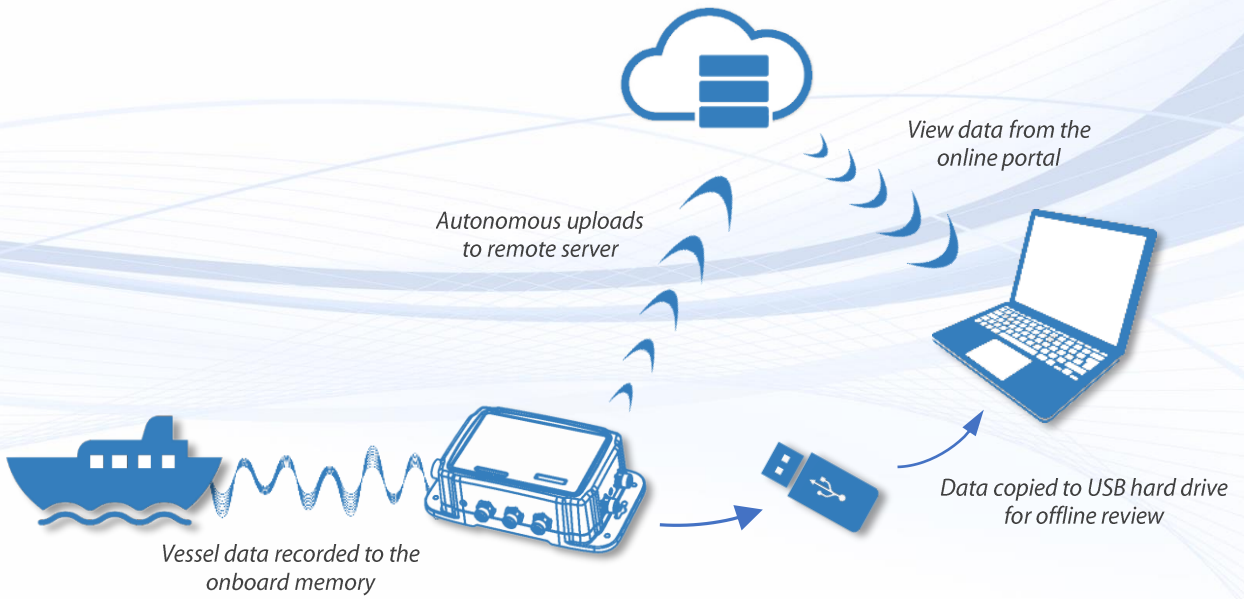
- ✓ Condition based maintenance
- ✓ Warranty protection
- ✓ Examine data for cause of damage
- ✓ Ensure use is within operational limits

Safeguard Crew

- ✓ Monitor exposure to impacts
- ✓ Take preventative action
- ✓ Improve training
- ✓ Identify strengths and weaknesses

Connected Monitoring

- ✓ USB Download to view locally
- ✓ Automatic uploads to remote server
- ✓ View data via online portal
- ✓ Stay connected throughout the world



Acceleration sensor

3 Axis accelerometer +/- 16g
2000 Hz sampling
250 Hz low pass filtering

Recorded data

X, Y, Z peak accelerations (25 hz)
COG, SOG, position, time

Memory

720 days
Solid State Industrial Memory

USB Memory Stick With Viewer

Installed with Windows PC software
Download and view data directly.

Optional External LED Indicators

- Visualise accelerations
- 6 daylight readable LEDs
- Customisable thresholds
- Inform operator of risk

