

OFFSHORE

Vessel Monitoring System

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

Dyena OFFSHORE provides operational data that covers a wide range of offshore activities including vessel motion monitoring, vibration and impact exposure, crew tracking, system maintenance and remote working apps.

The Dyena OFFSHORE Scout system provides a complete monitoring package in one case. Incorporating a high capacity lithium ion battery and internal GPS, over 24 hours continuous operation can be achieved by simply strapping the box to the vessel.



*Complete system
supplied in rugged
case ready to operate*



SCOUT

Suitable for all vessel types

- ✓ Installed on 5 m to 190 m vessels
- ✓ Inshore patrol
- ✓ Wind turbine transfer
- ✓ Monitoring crew, vessel or cargo

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

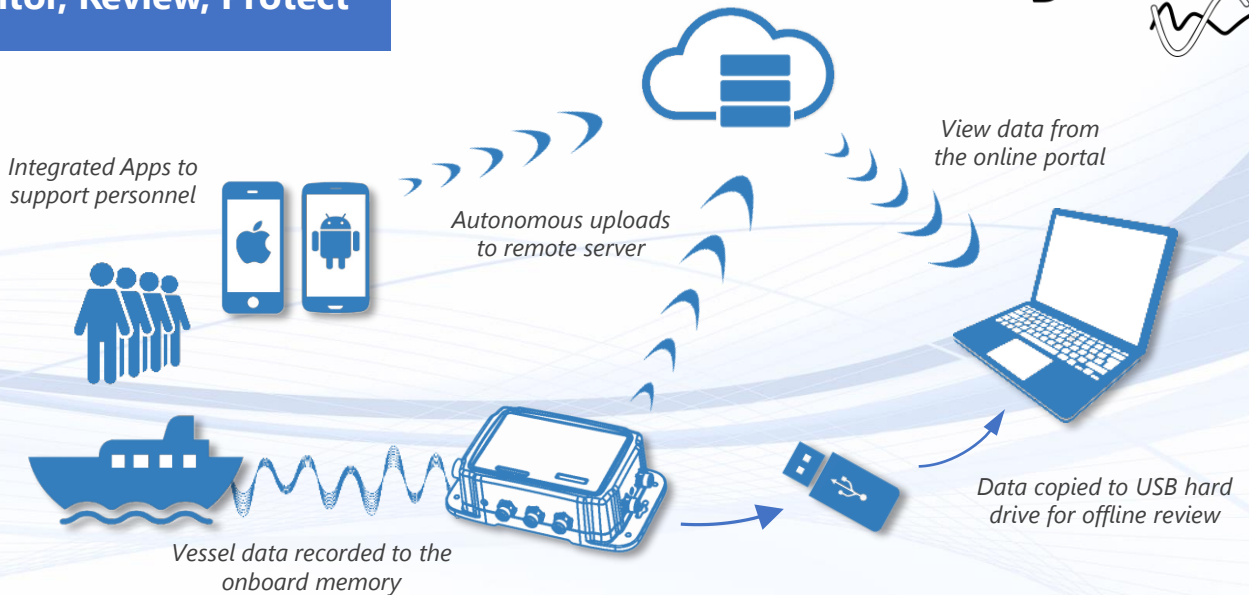
Safeguard Crew

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

Connected Monitoring

- ✓ Automatic uploads to remote server
- ✓ View data via online portal
- ✓ Integrated smartphone apps
- ✓ Stay connected throughout the world

**Connected vessel monitoring and crew tracking
for increased safety and performance**



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
Crew manifest

Memory capacity

720 days

Battery duration

24 hours

Rugged Waterproof Case

- Simple to transport and install
- Internal GPS

Vessel Monitoring Unit

- Over 2 year memory
- Encrypted data downloads
- Self calibrating

USB Memory Stick With Viewer

- Installed with Windows PC software
- Download and view data directly.



External LED Indicators

- Monitor accelerations
- 6 daylight readable LEDs
- Customisable thresholds

Rechargeable Battery Pack

- Lithium Polymer, light weight
- Provides over 24 hours operation.
- 100v / 240v mains charger