

Dyena

Offshore

Vessel Monitoring System

Dyena OFFSHORE enables vessel operators to maintain operational oversight, maximising productivity and increasing wellbeing of staff. Developed in response to customer demand and engagement, it focuses on the industry-wide drive to reduce operating costs and improve safety.



Premium

OFFSHORE Premium includes additional sensors to record vessel motion in 6 axis. With pitch, Roll and Yaw data recorded alongside the X,Y,Z accelerations, the system provides high resolution data for development and long term trials.

Accelerations and motions are sampled at 500 hz, filtered, with peaks recorded 100 per second alongside speed, time and position. Auxiliary sensors monitor accelerations throughout the vessel, recording all data to the central unit.

Solid Secure Hardware

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

Maintenance Free

- Over 2 year memory
- Data uploaded via wi-fi
- Auto calibration

Crew tracking operates via wireless ID cards to automatically record the personnel onboard for each transit.

Engine and vessel data can be recorded via a CANBUS to the internal high capacity memory. Data is uploaded autonomously to the remote server or downloaded to a USB memory device.

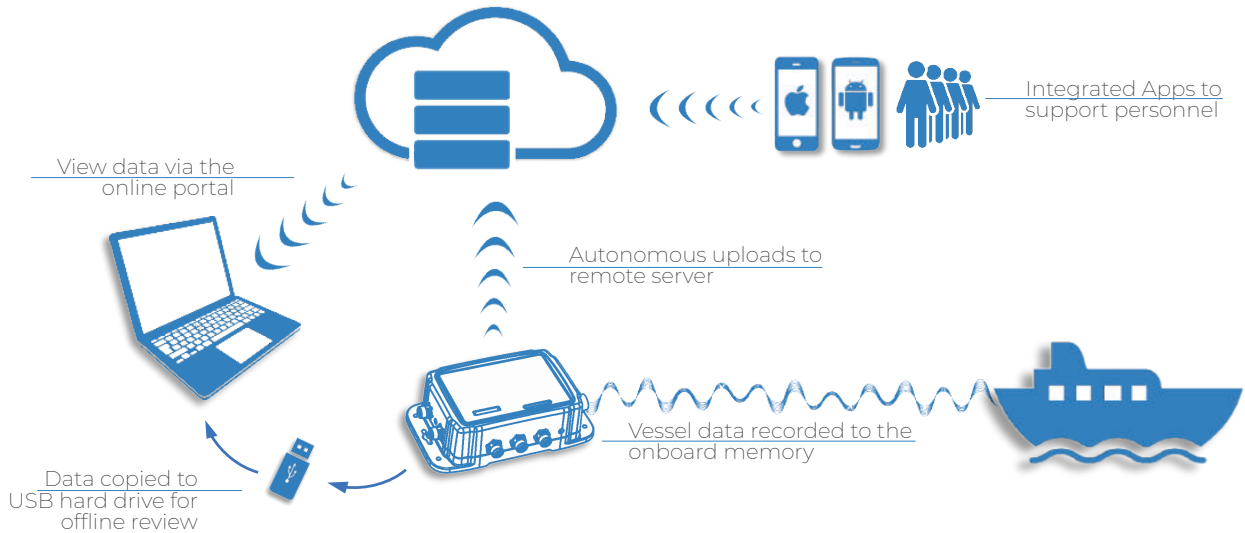
Safeguard Crew

- Take preventative action
- Improve training
- Identify strengths and weaknesses

Connected Monitoring

- Automatic uploads to remote server
- View data via online portal
- Stay connected across the globe

Monitor, Review, Protect



<p>Sensors</p>	<p>6 Axis Internal Measurement Unit 3 Axis Accelerometer +/- 16g 500 Hz Sampling with bandpass filtering ± 2000 DPS gyroscope 3D magnetometer</p>
<p>Recorded Data</p>	<p>X, Y, Z acceleration Pitch, Roll, Yaw Engine RPMs* Throttle position* Steering angle* Speed through water* Engine parameters* Course over ground Speed over ground Position Time</p>
<p>Frequency</p>	<p>25 Hz recording of peak and average values</p>
<p>Available Extras</p>	<p>LED Indicator Display Crew Tracking Remote sensors</p>