

Artificial Intelligence | Autonomous Systems | Design | Engineering | Logistics | Manufacturing | Research & Development
Ship Building | Test Equipment | Through-Life Support | Vehicles & Accessories

Company Brief

IPACS designs, develops and sells asset management sensors, technology and software. IPACS is at the forefront in the collection, monitoring and reporting of real-time ship performance. The IPACS Marine Asset Management technology helps the Navy save millions of dollars by avoiding equipment failure and extending the life of machines. For the Navy, unplanned machine failure costs many days of lost operability. IPACS sensors and data acquisition units have been certified to confirm to the EN50155 railway electronic standards. IPACS technology has been accredited by Lolyd's Register and Det Norske Veritas for installation on-board many marine platforms in Europe.

IPACS Marine Asset Management Technology



Spares and Support Equipment Available?

- Yes

Australian Export Control Approval Required?

- No

Product Information

The IPACS Marine Asset Management technology collects real time data from sensors installed on machines. These sensors generate information such as vibration, speed and temperature. IPACS technology securely analyses and transmits data from anywhere in the world. Changes in vibration signature with respect to speed are an accurate measure of a change in the equipment, indicating a fault or an impending failure.

At the Defence Maintenance facility, Level 3 ISO certified vibration analysts use this data to determine the mechanical health of the asset in real-time. IPACS then provides reports in clear easily understood formats, enabling defence and contractors to make informed and timely decisions. IPACS helps Defence improve reliability by superior fault detection, and identifying operational issues which cause faults. The solutions IPACS provides extends the life of machines based on the real time condition.

Availability

< 3 months. Custom design and production.