

Maximizing performance and sustainability in real-time maritime

Data is your most valuable asset: Start using it.



AVEVA™ PI System™ connects ship and shore with real-time operational intelligence to optimize performance, reduce emissions, and accelerate decarbonization.



Fleet Maintenance

Predictive maintenance that maximises uptime and cuts emissions

Canadian Steamship Lines Group cut carbon intensity by 29% across 40+ vessels with AVEVA PI System—avoiding 8,233 tonnes CO₂e and catching 300+ anomalies with 24/7 fuel monitoring.

[Read more](#)



Operational awareness

Unified fleet visibility for safer, more reliable operations

Zamil Marine unified data across 73 offshore vessels with AVEVA PI System—strengthening compliance and tightening control of fuel use and emissions across Middle East operations.

[Read more](#)



Energy management

Daily emissions insight to drive efficiency and net-zero goals

Yinson transformed emissions tracking with AVEVA PI System and AVEVA Engineering from monthly estimates to daily visibility, boosting efficiency and moving closer to its 2050 net-zero target.

[Read more](#)

AVEVA PI System unifies real-time vessel and fleet data to maximize performance, strengthen compliance, and accelerate sustainable maritime operations.



Connects to 450+ interfaces for near-universal data access



Rapid integration with ERP, EAM, big data, and cloud platforms



Trusted by 65%+ of Fortune 500 industrials; Marine Class Design Certified



Intuitive visual interfaces and cloud connectivity for seamless data-sharing

“By implementing AVEVA PI System, we were actually able to collect real-time data from the assets in operation.”

Kari Berte Bye

Technical Data Manager, Yinson

For more information:

aveva.com/en/industries/marine/ship-operations