NAPA Fleet Intelligence

Monitoring, reporting, analysis, and optimization powered by NAPA

SHIP PERFORMANCE MONITORING AND OPTIMIZATION

ADVANCED ALGORITHMS AND HYDRODYNAMIC CALCULATIONS

SAFE ROUTES

WEATHER AND ENVIRONMENTAL MONITORING

NAPA Fleet Intelligence is a user-friendly cloud-based solution for improving ship efficiency and safety.

No hardware installation or initial investment

Minimize emissions, maximize savings
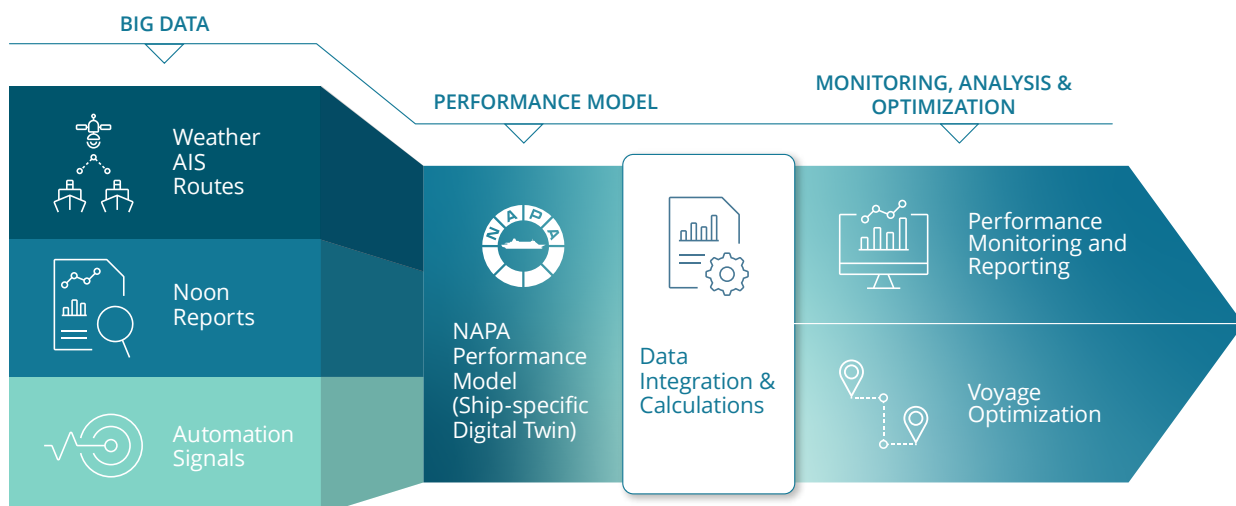
Integrates with any vessel data source you use

Reliable, understandable results and rapid adoption by anyone

How does it work?

Various data sources & modules for different needs

NAPA Fleet Intelligence offers insights and advice for improving technical and operational ship performance by combining open data and actual performance data collected from vessels. In addition, it enables voyage planning and safety monitoring on the same platform.

BIG DATA

PERFORMANCE MODEL

MONITORING, ANALYSIS & OPTIMIZATION

Weather AIS Routes

Noon Reports

Automation Signals

NAPA Performance Model (Ship-specific Digital Twin)

Data Integration & Calculations

Performance Monitoring and Reporting

Voyage Optimization

MODULES

OPERATIONAL

VOYAGE OPTIMIZATION
Optimize operation and speed profiles considering the upcoming weather

FLEET VIEW
Empower fleet management with real-time visibility

NAVIGATIONAL RISK MONITORING
Mitigate grounding risks fleet-wide

VOYAGE OVERVIEW
Discover past voyage summary with all the most important KPIs

TECHNICAL

EMISSION COMPLIANCE
Streamlining CII, EU ETS, and FuelEU monitoring

TECHNICAL PERFORMANCE
Follow-up on vessel's technical and CII performance

REGULATORY REPORTING
Comply with EU MRV & IMO DCS

PERFORMANCE TABLE
Review the vessel performance in different loading and weather conditions

ONBOARD REPORTS
Access and review the vessel reports in one place

ONBOARD REPORTING TOOL
Unlock high-quality reporting

COMMERCIAL

CHARTER PARTY
Compare ship performance with contract criteria

BENEFITS

VISIBILITY

- See fleet status & operational trends
- Easy to use web-based platform
- Alerts for noteworthy events

INSIGHT

- Understand ship performance
- Comprehensive reports
- Daily updating speed-consumption tables

CONTROL

- Keep safety, time, money and emissions in check
- Stay on top of weather conditions
- Security (ISO 27001)

FEEDBACK

- Receive direct feedback of the operational decisions on fuel consumption and emissions