

Shipulse

Transforming any vessel into a smart ship

Shipulse delivers comprehensive and insightful information that allows better decision making for increased fuel savings and optimised vessel performance.

Key benefits

- 1** Live-monitor vessel and fleet performance
- 2** Increase fuel savings using smart shipping solutions
- 3** Full customisation – ability to define and set personalised threshold to monitor KPIs
- 4** Experience greater efficiency and transparency across operations

Shipulse is a smart-shipping solution that provides complete vessel and fleet management on one single platform. It seamlessly integrates between hardware sensors, software systems, and various interfaces and applications to provide real-time fuel consumption monitoring and other performance analytics capabilities.

Using Inmarsat's Fleet Data service, data is collected from vessel sensors and pre-processed. The data is then transmitted via the Inmarsat Global Xpress Network and uploaded to a central cloud-based database equipped with a dashboard and an Application Process Interface (API).

Shipulse then transforms the data stored on the cloud into performance insights. Using marine data analytics, Shipulse presents real-time key metrics on vessel activities such as fuel consumption, engine performance, bunkering monitoring, hull and propeller efficiency, emission compliance, geofencing, and other functions such

as live video streaming feeds and alarm monitoring via third-party API integration. The insights captured by Shipulse provides crew onboard with an overview of vessel performance during actual operations, enabling them to make a timely response on benchmark deviations to achieve optimised fuel efficiency. At the same time, onshore staff can remotely monitor fuel usage and track vessel and fleet performance during operations.

Shipulse is equipped with customisable tracking and monitoring functions that enables ship owners, ship operators and commercial representatives to make proactive decisions on vessel efficiency, resulting in increased opportunities for fuel savings. As an Inmarsat Certified Application, integrated with Inmarsat's network capabilities, Shipulse provides you with vessel optimisation at your fingertips.

Gain a competitive edge with verifiable vessel performance driven by data insights.

Features

- Seamless integration between hardware sensors, software systems, interfaces and applications
- On-demand daily fleet summary reports via push metrics
- Data quality and data integrity
- Supports export of raw data via FTP protocol from backend servers for further diagnostics
- Supports third party sensors using API/ERP integration

Advantages

- Direct access to vessel performance and full visibility of KPIs
- Performance insights useful for benchmarking within fleet and with competitors
- Reduction of information asymmetry
- Elimination of inaccuracies resulting from manual reporting and data collection
- Optimised for use over Inmarsat's Fleet Data API

Usage scenarios

- Vessel performance monitoring by ship operators, ship owners, charterers and ship managers
- Day-to-day vessel operations by onboard crew such as deck officers and engineers
- Resource planning for vessel and fleet management
- Bunker transactions between buyers and suppliers
- Reporting and regulatory compliance

Certified application

As part of our CAP (Certified Applications Provider) programme, Inmarsat works with a number of application providers to ensure that their products are not only compatible with our network, but provide our network users with effective, customer-focused applications that offer genuine business benefits, whether they're using the network for voice, broadband, machine to machine connectivity, or all three. Only individual applications approved by Inmarsat are endorsed with the Inmarsat Certified logo.

Disclaimer

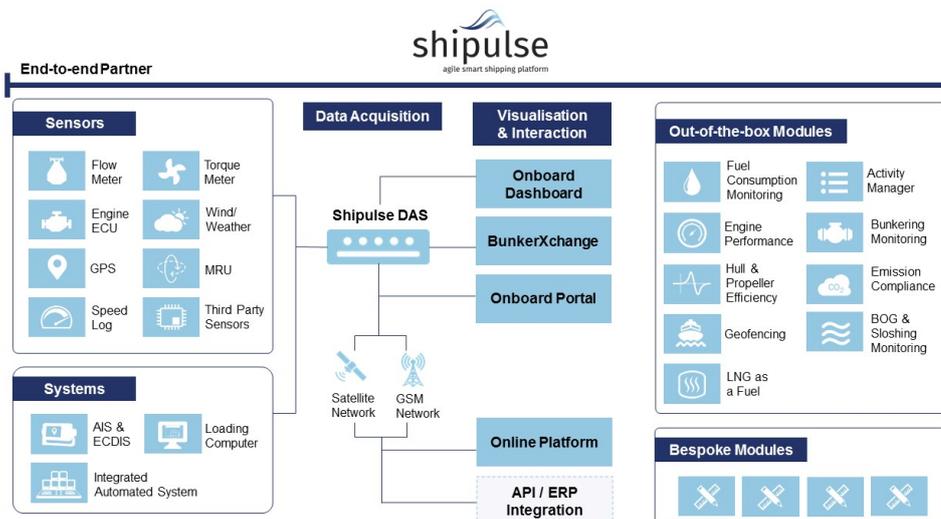
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About Ascenz

Ascenz, as part of the GTT Group, is a globally trusted provider of premium, end-to-end solutions for the maritime industry. With more than a decade of experience and an established foothold in Asia, we provide intuitive, agile and forward-looking smart shipping solutions and services tailored for offshore, ocean-going, bunkering and Liquefied Natural Gas (LNG) segments.

How to buy

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