

// **s-Planner**

+ Integrate voyage planning, route optimization, as well as charts and publications management in one user-friendly workflow for efficient planning and navigation.

// **s-Insight**

+ Gives shore-based teams access to fleet performance and advanced analytics tools – all connected to s-Suite's on-board systems to improve efficiency and safety.

// **s-Routing**

+ Experienced Route Analysts recommend the optimum route, taking into account an analysis of all variables, including the weather, current, vessel type, age, stability, cargo and speed – delivering cost-effective, safe routes 24/7.

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A one-stop solution
connecting the
shipping industry.



StormGeo's s-Suite is a **one-stop solution** integrating Voyage Planning, Route Optimization, Route Advisory Services and Fleet Performance Management, **all from one company.**

s-Suite delivers **cost efficiencies** by optimizing time, fuel and vessel performance while ensuring navigational and environmental compliance on a **single platform.**



// One stop solution

s-Suite is a flexible solution that can be used together or as individual modules.

s-Insight

Commercial & Technical Fleet Performance Management



s-Planner

Voyage Planning & Route Optimization

s-Routing

Route Advisory Services

// One data source, one truth

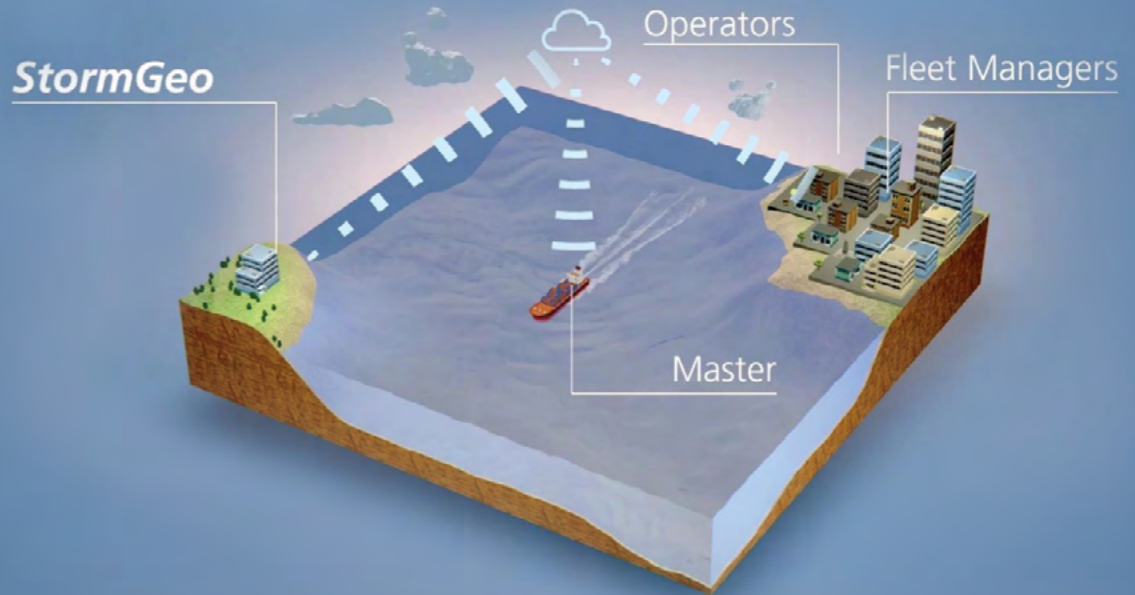
The vision of s-Suite.

One data source allows for better communication and joint decision making between vessel and shore.

s-Suite delivers an all in one, optimized work flow where ship and shore have a common operational picture. This promotes cooperation and faster decision making based on real-time data sharing to optimize time, fuel and vessel performance.

s-Suite has been designed to:

- // Maximize Voyage Performance.
- // Optimize Vessel Performance.
- // Ensure Navigational Compliance.
- // Ensure Environmental Compliance.



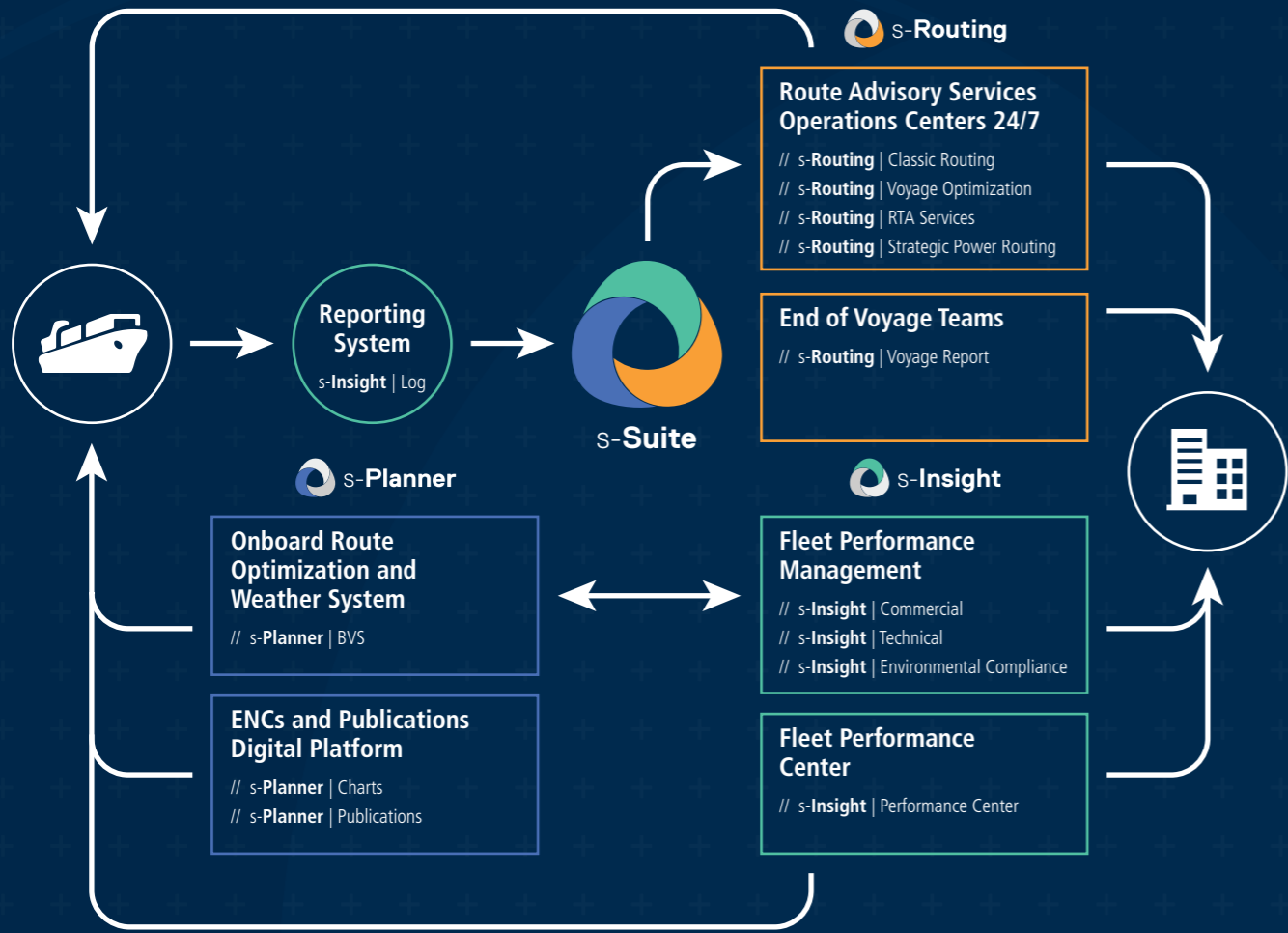
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// A modular yet integrated approach

A solution for shipping companies of all sizes.

s-Suite uses a single data source for a number of integrated products and services. This empowers you to smoothly collaborate and make your best decisions.



// Maximize, optimize

Successful operations are about systems, processes, data, and most importantly, people.

// Maximize Voyage Performance

With s-Suite, the crew onboard and the vessel operator can maximize the financial result of the voyage by making joint decisions in terms of time and fuel.

// Optimize Vessel Performance

With s-Suite, the crew onboard and the fleet manager can maximize the output of the vessel by making joint decisions in terms of energy efficiency and operational costs.

// Ensure Navigational Compliance

With s-Suite, the crew onboard and the vessel manager can create a fully compliant passage plan in a fraction of the time by integrating all elements of voyage planning.

// Ensure Environmental Compliance

With s-Suite, the crew onboard and the vessel manager can ensure that the vessel is always compliant with environmental regulations by simple, foolproof data reporting system.



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- // Customizable – All s-Suite products and modules can be used separately, although they perform best together.
- // Compatible – All s-Suite products are modular and work with most third-party solutions.
- // Automatic – All s-Suite digital applications are automatically updated.
- // Secure – Data is safely transmitted and stored onshore.
- // Support – StormGeo provides 24/7 route advice and C/P performance resolution support.
- // Transparency and compliance – Onboard products are connected to shore-based management for fleet compliance and analysis.



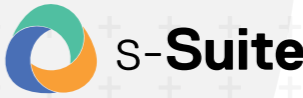
s-Planner integrates voyage planning, route optimization, as well as charts and publications management in one user-friendly workflow for efficient planning and navigation.

- // Run one integrated workflow.
- // Ensure compliance.
- // Optimize routes.



Voyage Planning and Onboard Route Optimization

- s-Planner | BVSTTM** is the most used route optimization system in the industry with installation on 6,000 vessels.
 - // Optimize routes for least cost, required arrival time or least time
 - // Best in class weather forecasts
 - // Display routes recommended by StormGeo route advisory service
 - // Routes can be viewed and monitored in **s-Insight** on-shore
- s-Planner | ChartsTM** is a full-service navigational planning solution, combining weather and routing capabilities of BVS, ENC ordering and voyage plan generation to create reliable, optimized routes.
 - // End-to-end voyage and automated route planning
 - // Select, buy, update and renew ENCs
 - // Piracy, ECA zones, PSSA and NavArea warnings
 - // Automatic updates
- s-Planner | PublicationsTM** is a powerful digital publications reader, bookstore and vessel document library capable of storing all your needed publications together in one, easy-to-use virtual bookshelf. You can also upload your own documents.
 - // Eliminate freight costs
 - // Publications available instantly
 - // Automatic updates ensure compliance with SOLAS Regulations
 - // Search by keyword or phrase



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s-Insight gives shore-based teams access to fleet performance and advanced analytics tools – all connected to s-Suite’s on-board systems to improve efficiency and safety.

// Meet regulatory requirements.

// Boost commercial and technical performance.

// Simplify data collection.

// Enhance ship to shore transparency.



s-Insight

Commercial, Technical and Environmental Performance Management

s-Insight is a customizable fleet management system that integrates and organizes weather, voyage reporting, sensor data, performance levers and expert assistance in one powerful analytics tool.

s-Insight | Log™ provides an EU MRV ready reporting solution ensuring data quality for unique fleet performance analysis. Improving operational performance of your fleet, measured in fuel consumption, total operating costs and environmental footprint, is only possible based on quality data and analysis.

s-Insight | Commercial™ provides actionable information, enabling you to make timely decisions to lower costs and ensure safety. More efficient ship-to-shore communication enables your organization to improve the financial result of the voyage by making joint decisions in terms of time and fuel.

s-Insight | Technical™ provides a comprehensive view that integrates voyage, hull and propeller, engine and systems to identify cost saving measures. Use customizable dashboards, analytics and reporting to enhance transparency across your organization. Establish your baselines, benchmarks and increase confidence in your data.

s-Insight | Environmental Compliance™ ensures that your vessels are always compliant with mandatory EU MRV and IMO DCS regulations through simple, trustworthy data reporting system, plus voluntary ESI, CSI, CCWG and Sea Cargo Charter. Manage garbage disposal, ballast water and other environmental hazards.

s-Insight | Performance Center™ provides tailored advise to realize savings and increase efficiency. A specifically developed monitoring system checks all incoming data and the Fleet Performance teams advise you on performance optimizations daily, monthly and ad hoc.



s-Suite

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s-Routing experienced staff will recommend the optimum route, taking into account an analysis of all variables, including the weather, current, vessel type, age, stability, cargo and speed – delivering cost-effective, safe routes 24/7.



Route Advisory Services

// Ensure the safety of your vessel, crew and cargo.

// Improve voyage commercial viability.

// Receive market-leading voyage performance reports.

// Access expert performance dispute assistance.

s-Routing combines experienced route analysts with StormGeo’s advanced technology to ensure safety, save time and fuel while reducing emissions.

s-Routing | Classic Routing™ gives you the optimum route given the C/P terms.

// Execute and monitor voyage against Charter Party warranty

s-Routing | Voyage Optimization™ provides you choices of speed/cons for lowest total costs, versus fuel prices hire/rate.

// Execute voyage with minimum fuel cost by making dynamic decisions on voyage speed based on requirement of ETA, laycan and other operational factors.

s-Routing | RTA Service™ provides you timely advice when arrival time is a primary concern.

// Achieve Required Time of Arrival with minimum fuel cost.

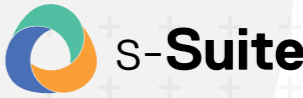
s-Routing | Strategic Power Routing™ provides recommendations on RPM adjustments based on track and weather forecast.

// Allows the vessel to run on maximum power output under safe conditions, minimize fuel consumption and reduce greenhouse gas emissions throughout the voyage.

s-Routing | Voyage Report™ provides accurate, unbiased speed and consumption calculations on the basis of vessel capability and Charter Party warranty.

StormGeo is the only ship routing company to use vessel and voyage-specific severe motion alerts based on vessel size, draft, stability, speed, heading and sea conditions.

StormGeo’s Performance Resolution Team is well versed in the latest arbitration rulings and can help provide the necessary advice to confirm the approach and data used within the provided voyage performance report.



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// Sustainability

Sustainability isn't just a touch word, it's a cornerstone in our approach for keeping your business afloat

At StormGeo, 75% of the work we do is on the ocean. Our passion for weather and a protection of natural resources motivates us to support you in making informed, environmentally responsible business decisions

Since 2018, StormGeo has been committed to the UN Global Compact corporate responsibility initiative and its principles in the areas of human rights, labor, the environment and anti-corruption.

In 2018 and 2019 combined, StormGeo enabled the shipping industry to save:

// 1.3 million metric tons of fuel

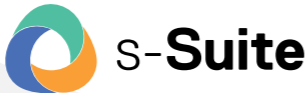
// 4 million metric tons of CO2

Join us in driving action.

StormGeo looks forward to supporting you in driving progress in protecting life below water and navigating towards zero emission.



**Sustainable
Ocean Business
Action Platform**



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s-Suite delivers cost efficiencies by optimizing time, fuel and vessel performance while ensuring navigational and environmental compliance.