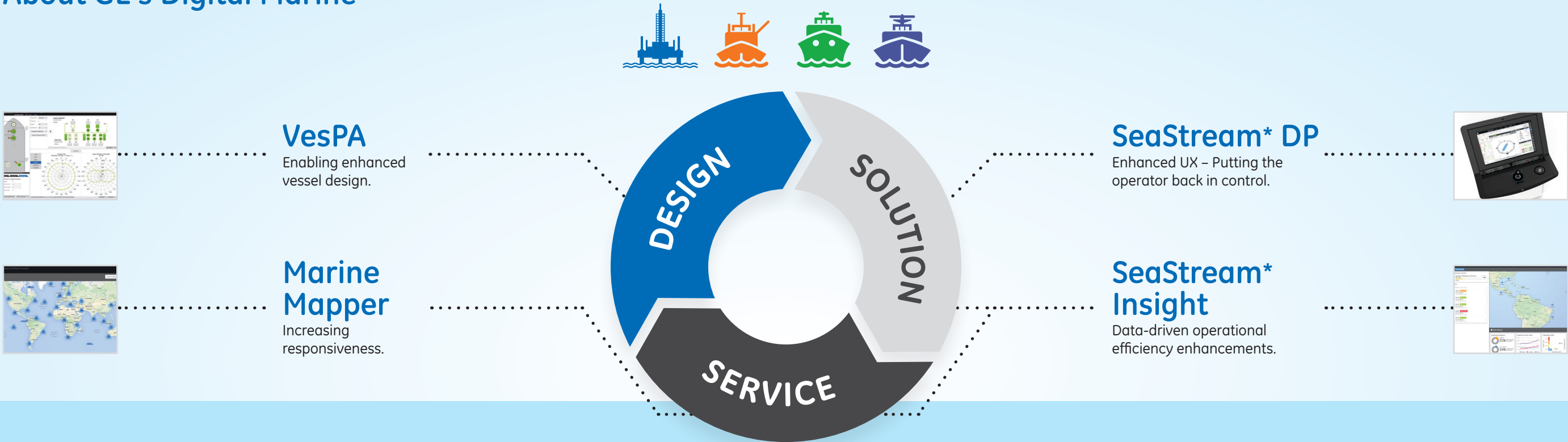


# About GE's Digital Marine



## Get Connected

The digital revolution is hitting the shores of the marine industry.

The marine industry has been transforming for several years and in many ways is one step ahead. **Digital tools are creating smart ships** which are enhancing efficiencies, cutting carbon emissions and **increasing productivity** within the marine industry.

## Get Insight

Move from prescriptive to predictive maintenance with data and analytics.

GE solutions enable you to see the vessel as a whole, **monitor it in real time, record and analyze its history**, and search for anomalies. It can take up to three weeks to find and fly the right expert to a remote offshore platform to make repairs. But software and connectivity can actually bring the issue to the experts on shore.

## Get Optimized

Increase uptime to maximize revenue through data driven operational efficiency.

Increase uptime by 20% with SeaStream Insight. Our SeaStream Insight software solution **optimizes productivity through analytics based operations**, enabling informed decisions to fleet and operational planning. Supported by **cybersecurity expertise**, we provide remote access to experts safely and quickly.



Harness the power of the Industrial Internet to achieve breakthroughs in performance

\* Trademark of General Electric Company.

## Provide operational readiness

SeaStream\* Insight can model behaviour to build out the blueprint of the entire vessel even before it is built. This modelling **gives naval commanders true confidence** that their vessels will work at the level required once in operation.

## Improve fuel efficiency

Part of GE's ecomagination\* portfolio, SeaStream DP's Energy Efficient mode **uses predictive software** to anticipate position and heading variation, limit excessive power and thrust changes. It is expected to save operators up to 10% in fuel usage.

## Optimize vessel design

Vessel Performance Analyzer (VesPA) estimates the annual operational expenditures incurred by the vessel design, so equipment selections can be made to minimize fuel consumption and achieve further saving.

## Faster service, increased efficiency

GE Marine Mapper provides visibility on all of GE's equipped ships **enabling improved responsiveness**, with better response times, optimized provision of parts and maintenance, resulting in increased efficiency.

## Cyber security expertise at sea

GE's deep domain expertise in the marine industry supported by our dedicated experts in Software development and Wurldtech – providing cyber security, allowing remote access to experts **safely**.

## Move from planned to conditional based maintenance

SeaStream Insight uses GE's SmartSignal\* analytics platform to **predict the future condition** of a vessel's assets. It allows companies to monitor vessels, record and analyse their histories and search for anomalies, in real-time.

## Connect experts from around the world remotely

The remote monitoring capability enables onshore experts, no matter where they are in the world, to remotely diagnose problems and advise on next steps immediately. It is anticipated to help **reduce third-party costs associated with repairs by up to 25%**.

## Less downtime, greater savings

By using prescriptive and predictive analytics, SeaStream Insight **can target up to 20% reduction in non-productive time (NPT)** with data-driven operational efficiency.



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