



## EXECUTIVE SUMMARY

A complete and integrated solution for ship design and shipbuilding networks  
– from initial and basic design to assembly, construction, and beyond.

# Marine Software Solutions

## Integrated solution for all disciplines in ship design

For any scale of complexity in new-build, retrofit and modernization projects. Cadmatic improves quality and saves time during design, engineering, production and beyond. We offer an unmatched user experience based on an intuitive software and the automation of routine tasks.

## Data-driven shipbuilding

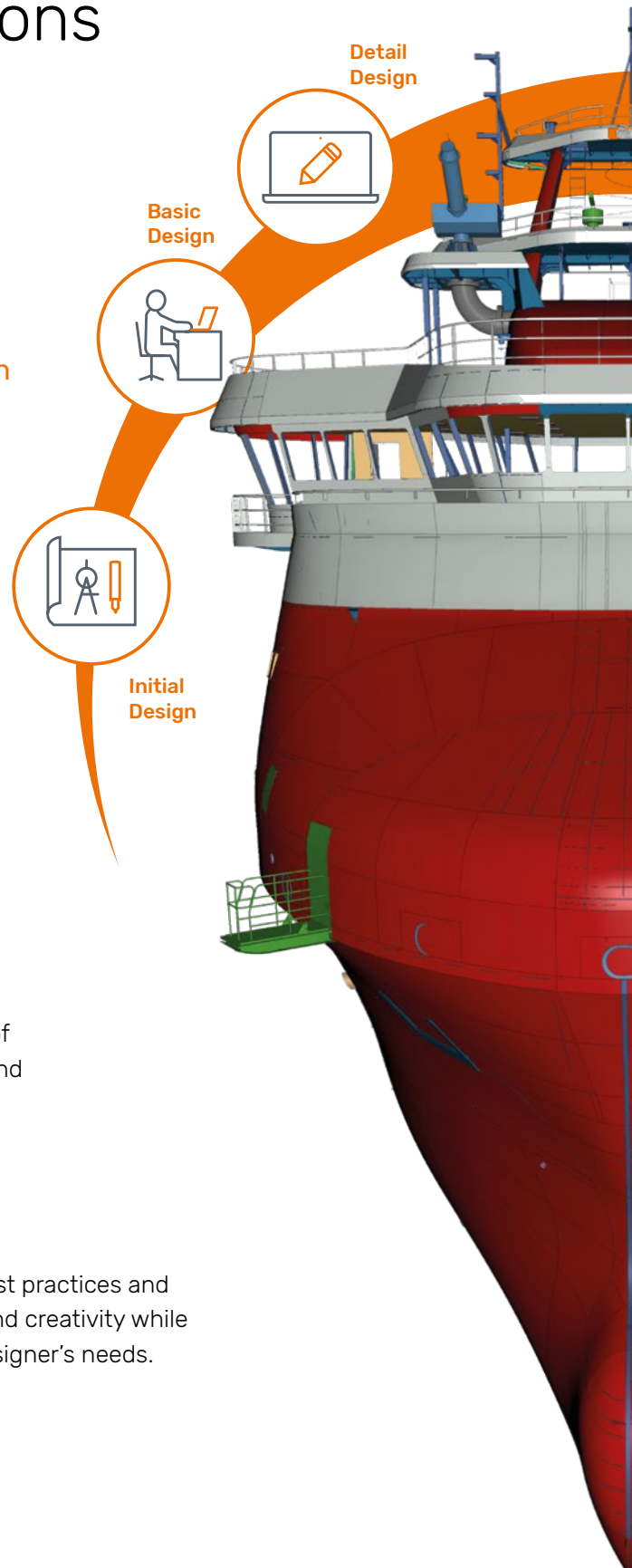
At Cadmatic, we are leading the charge to assist our customers to optimize the way ship design and shipbuilding is conducted. These efforts are guided by our vision of a transformed shipbuilding industry, one that is driven by data.

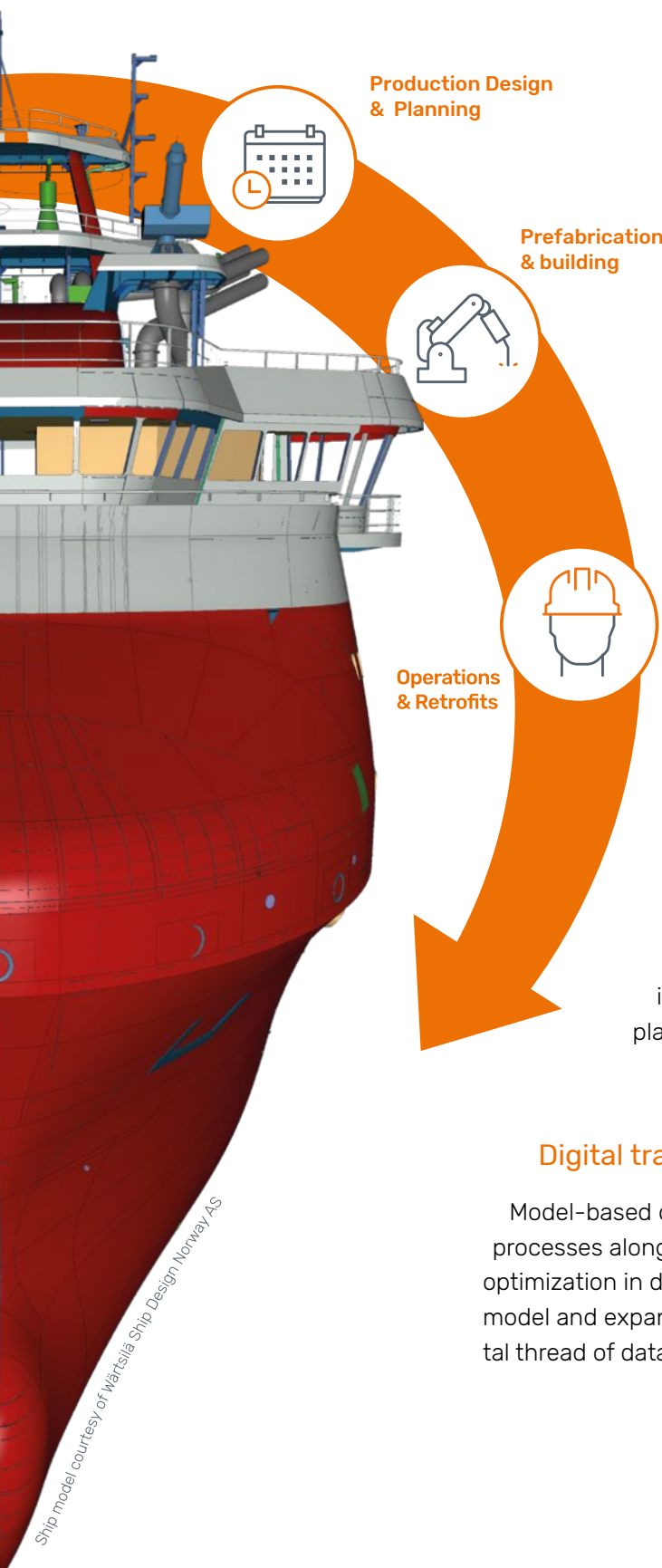
## Optimizing design process and minimizing risk of errors

The model-based approach focuses on the gradual building of the digital twin of the vessel to ensure the accuracy of data and facilitate data use in all stages of the project.

## 3D ship design with state-of-the-art tools to manage complexity

Shipbuilding-specific design environment with embedded best practices and high flexibility lets designers focus on their innovative work and creativity while routine tasks are automated and the UX is focused on the designer's needs.





### Production Design & Planning



### Prefabrication & building



### Operations & Retrofits



## Optimizing production information to reduce costs and shorten production times

Information can be defined and extracted from the 3D model at the latest possible stage to include all the required data in a suitable format, as well as the traceability of changes. Significant efficiency gains are achieved by aligning production documentation to the build strategy of yards and product life cycle management.

## Information management in marine projects

Extend the use of engineering and design data to production, construction and shop floor to cover the complete life cycle of the vessel. Link, visualize, and share ship design, engineering, planning, production, inspection, and operation information in a web-based platform.

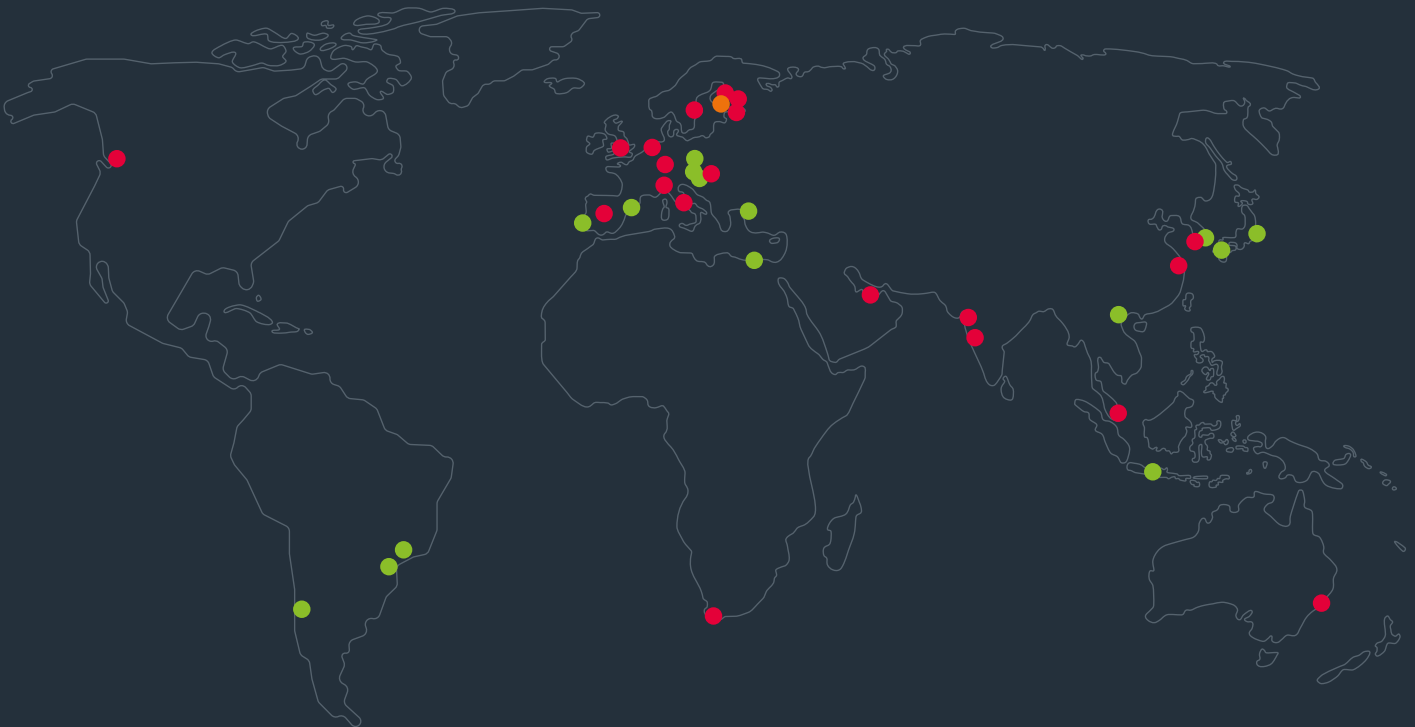
## Digital transformation in shipbuilding

Model-based development for marine projects and digital continuity of processes along data flow, resources, and materials. Gains in quality and optimization in data-driven shipbuilding start with the core of the digital model and expand to cover the complete life cycle of vessels and the digital thread of data in shipyard management.

Ship model courtesy of Wärtsilä Ship Design Norway AS

Cadmatic is a leading 3D design and information management software developer and supplier for the marine, process, energy and construction industries.

- Cadmatic's headquarters are located in Turku, Finland.
- We have staff in Australia, Canada, China, Estonia, Hungary, India, Italy, the Netherlands, Germany, United Kingdom, Singapore, South Africa, South Korea, Spain, Sweden and the UAE.
- We have certified resellers and support partners in 15 countries in Europe, Asia, America and Africa. Our growing customer base includes over 6000 customer organizations in 60 countries.



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