

ZALIV
SHIP DESIGN

MYKOLAIV 
GENERAL PRESENTATION



Company Overview

Zaliv Ship Design (ZSD) is a premier independent engineering powerhouse with a distinguished history of excellence since 2003. We specialize exclusively in Detail Engineering, bridging the gap between complex marine concepts and flawless, production-friendly detail design documentation

Our Expertise

For over two decades, our team has delivered high-precision detail design packages for the most demanding maritime sectors:

- Cruise & Ferries — intricate structural integration and advanced outfitting.
- Merchant Vessels — optimized steel detailing and systems engineering.
- Offshore & Special Purpose Vessels — technical accuracy for complex, mission-critical units.
- Megayachts — uncompromising precision for bespoke luxury projects.

Strategic Value & Flexibility

- Over 20 Years of Proven Reliability: Since 2003, we have been a stable and trusted partner for the world's leading shipbuilders.
- Shipyard-Centric Documentation: We ensure every drawing is optimized for direct manufacturing and efficient assembly.
- Seamless Integration: We act as a flexible engineering extension for major European shipbuilding groups and ship design companies.

Global Reach

Our engineering footprint across Europe and North America highlights ZSD's extensive project geography. The highlighted regions on the map represent our established network of international partners.

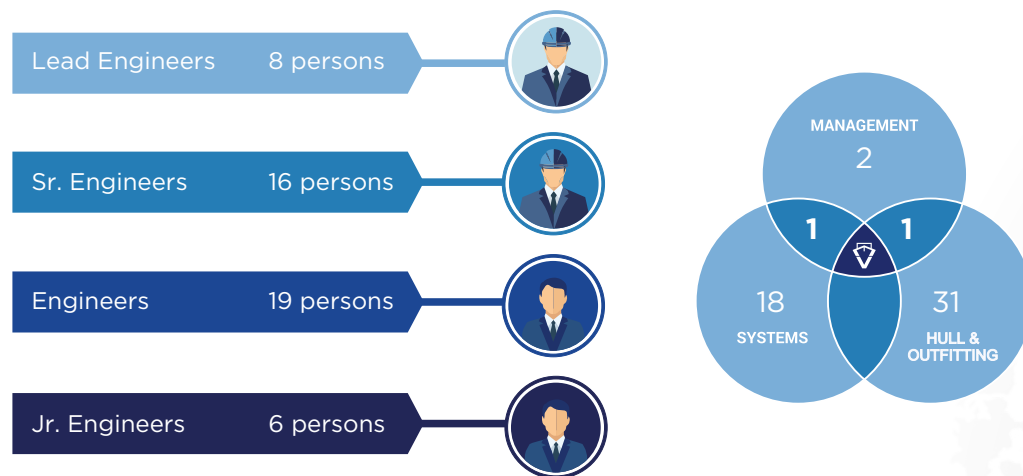
**ZSD: Precision in every detail. Excellence in every ship.
Partnership in every project.**



Experienced and highly productive team



ZSD team capacity



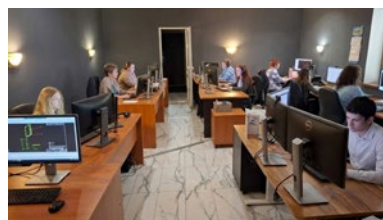
Mykolaiv office

872 m²



Varna Office

115 m²



Resilience Hub (Mykolaiv)

250 m²

Established in 2023, our autonomous **Resilience Hub** in Mykolaiv operates as a standalone alternative facility, ensuring team safety and 24/7 productivity. This separate office is fully self-sufficient, equipped with an on-site shelter, independent power, water, heating, and backup Internet providers.



Milestones of ZSD development

2003-2010

Foundation & Integration: Established as part of Damen Group and later integrated into Aker Yards.

2011-2012

Independence & Capability Growth: Launched independent design and engineering operations as Zaliv Ship Design; adopted a multifunctional production policy to provide expert services across all leading marine design software.

2015

Strategic Partnership: Established long-term professional cooperation with Varna Ship Design, Bulgaria.

2017-2018

Operational Excellence: Implemented the “Engineering Hub” business model, merging advanced professional education with a new modern office infrastructure.

2019-2020

Education & Training: Launched a joint educational program with CADMATIC and the Admiral Makarov National University of Shipbuilding (NUS) (Mykolaiv); **Remote Operating Setup:** Successfully transitioned to a remote production model in response to global constraints during pandemic.

2022

Crisis Resilience: Demonstrated rapid adaptation to the full-scale invasion of Ukraine, ensuring business continuity and fulfilling all contractual obligations for an expanding client portfolio.

2023-2025

Strategic Stability & Market Expansion: Mitigated wartime risks through full infrastructure redundancy and energy independence; successfully entered the river cruise segment, delivering projects for boutique operators and a global leader in passenger shipping.

Total Experience: **393 projects** successfully executed to date.

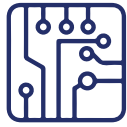


Aker Yards
Design Ukraine
Part of **aker**
yards.

Ship Design &
Engineering Ukraine
Part of **DAMEN**

393 projects
executed





Software Expertise Across Shipbuilding Platforms

Due to our extensive industry background, we maintain flexibility across multiple shipbuilding software platforms and possess active expertise in a range of industry-leading solutions, including:



CADMATIC – Our primary software platform, where we are fully capable of developing projects from scratch, including all required setup, standards, and libraries. To remain at the forefront of the industry, we invest in continuous training directly from the software developers, ensuring full proficiency with every new feature and capability.



AVEVA – We maintain a high level of expertise in AVEVA solutions and have successfully implemented them in world-class projects to achieve maximum efficiency and performance.



ShipConstructor – Available as an on-demand software solution. We are fully prepared to scale our resources and focus our expertise on this platform whenever required to meet specific client project needs.



Tribon – A legacy shipbuilding solution that remains in active use by one of our long-term clients, allowing us to continue supporting projects within this environment.



Smart 3D (S3D/SM3D) – One of our core software solutions, originally adopted to meet the requirements of one of our core clients. Since then, we have developed strong operational expertise within this platform.



Rhinoceros (Rhino) – An important auxiliary tool that supports the resolution of specialized and project-specific engineering and modeling tasks.



Please note: Your project defines our platform!

We are fully prepared to master and integrate any new software to bring your vision to life.

Services



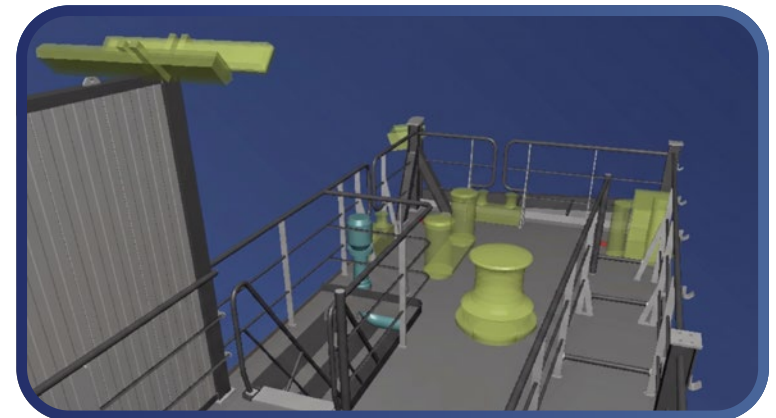
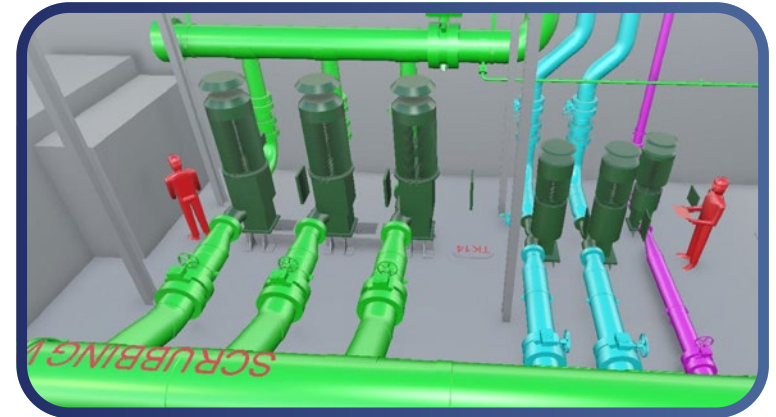
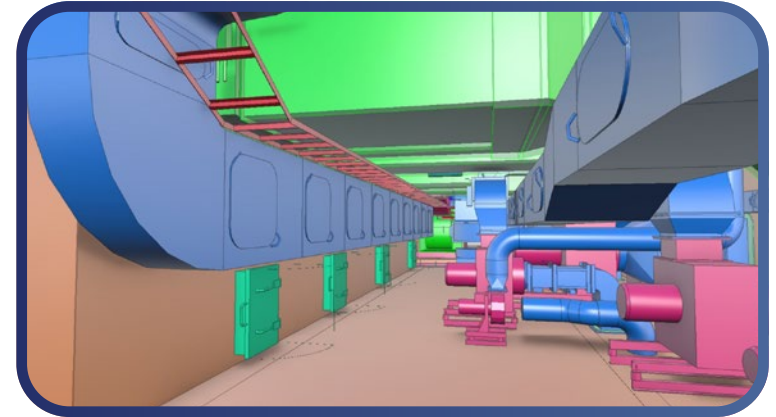
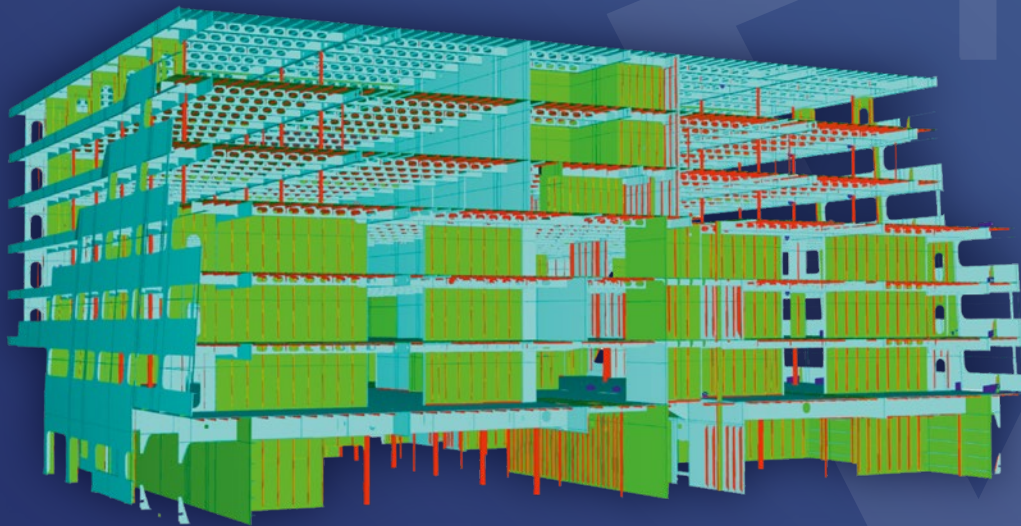
Detail Engineering (new builds):

- Steel Hull
- Pipes & Systems, HVAC, Cable Trays
- Steel Outfitting

Retrofit Projects:

- EGCS (Scrubbers)
- BWTS (Ballast Water Treatment Systems)
- Other types of Conversion & Modernization

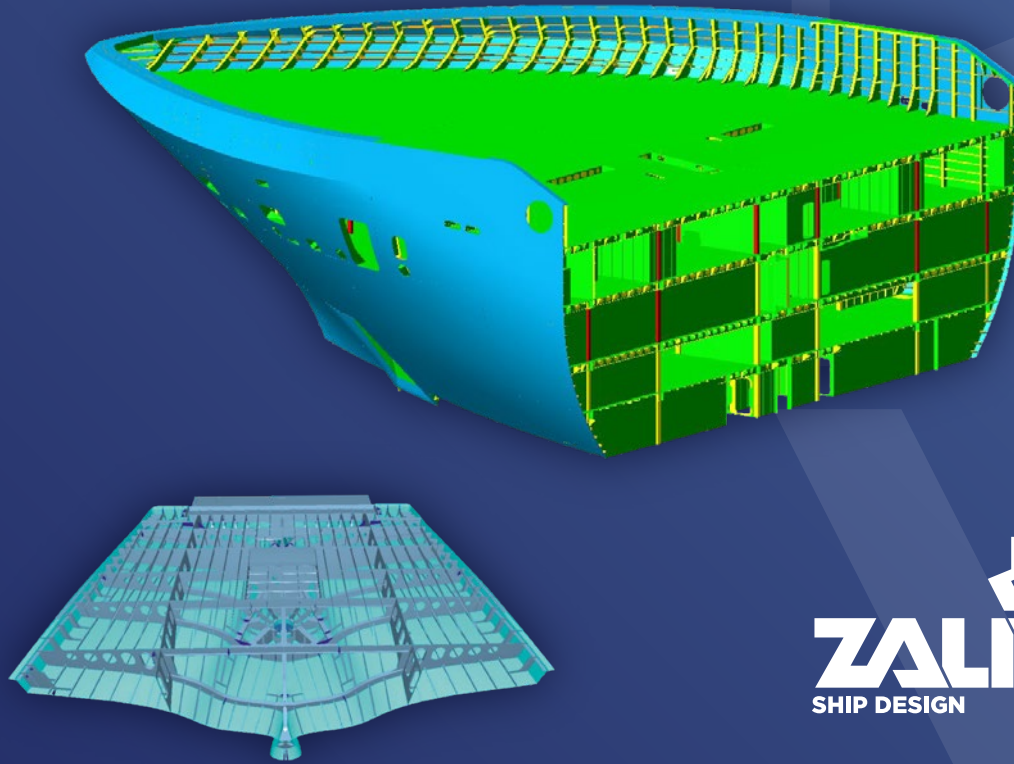
Project management



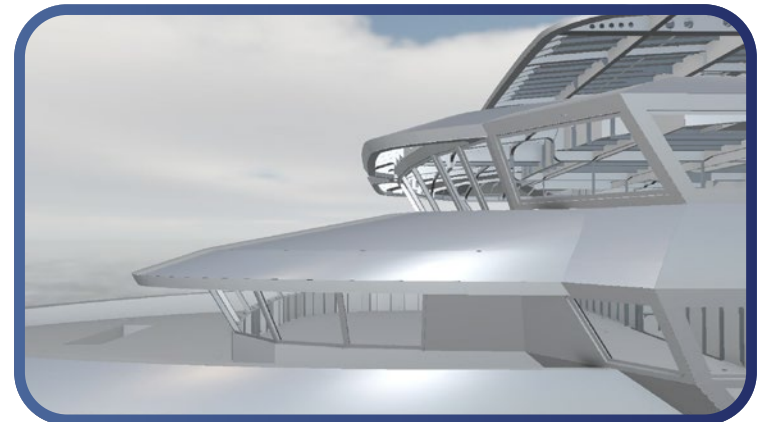
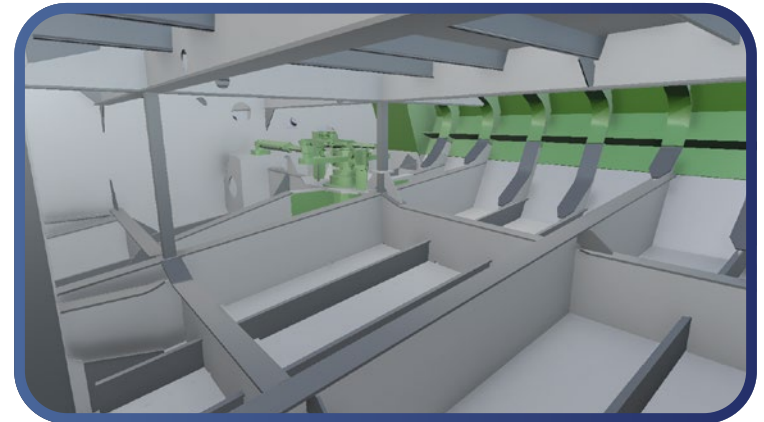
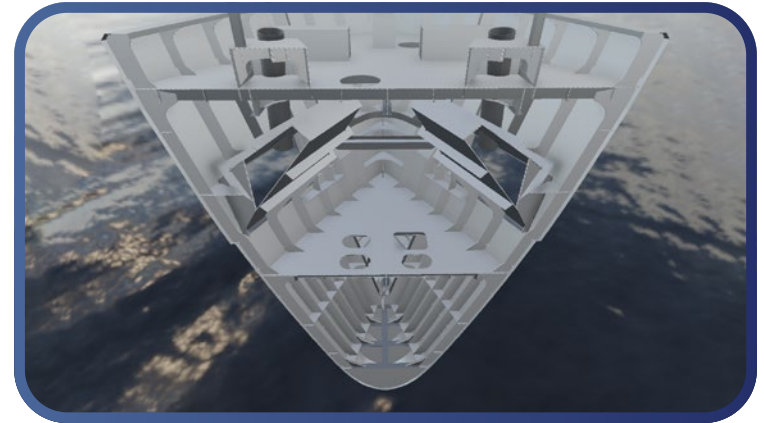
Services: Hull & Naval Architecture

Detail Desing:

- 3D modeling of hull structures
- Construction Plans
- Weight estimation
- Development of workshop drawings
- Sketches for profiles treatment
- Outer shell plates and jigs
- Unit assembly of the hull structures
- Project`s coordination



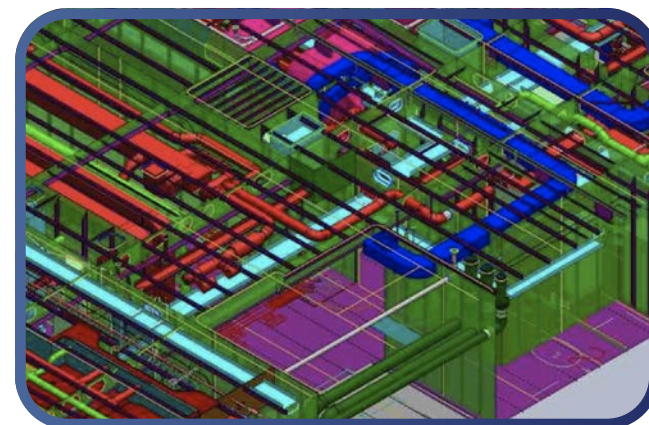
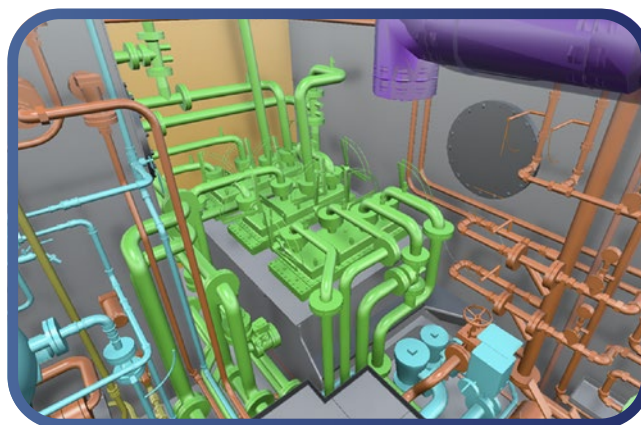
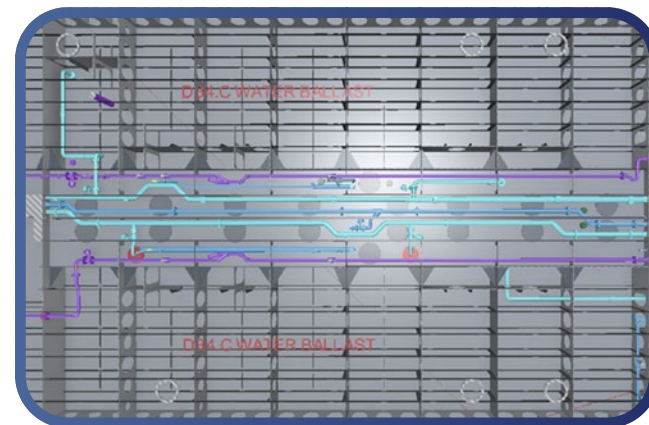
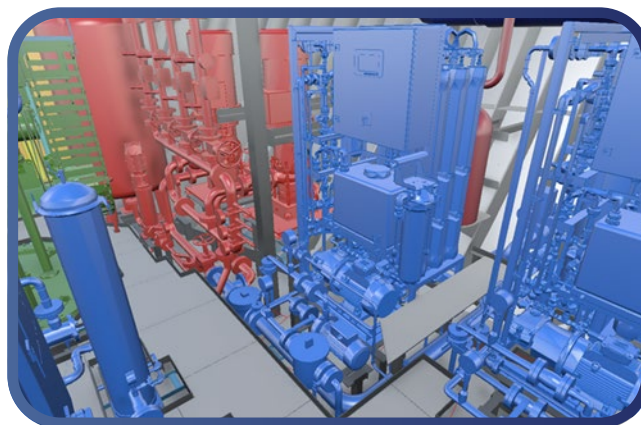
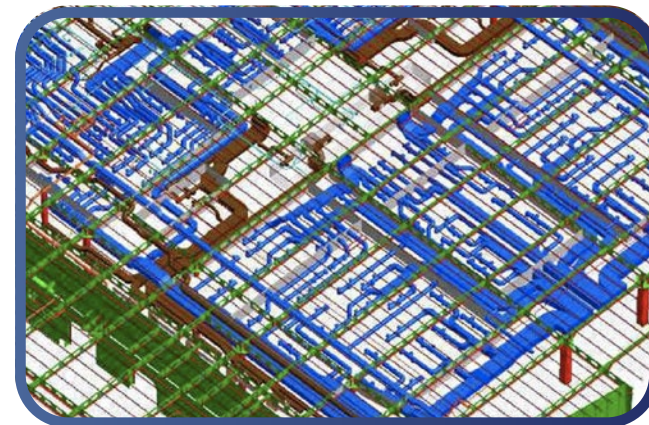
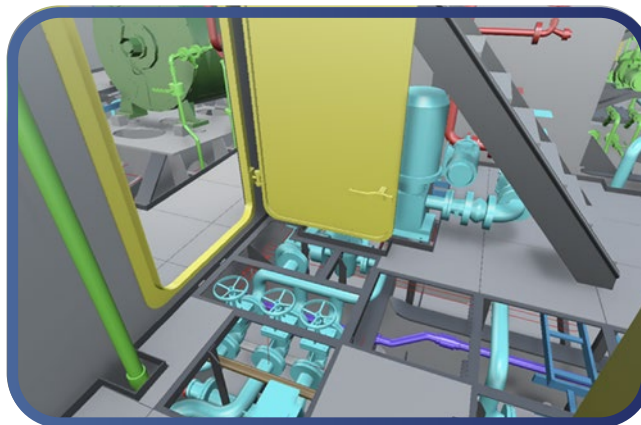
ZALIV
SHIP DESIGN



Services: Machinery, pipes & systems

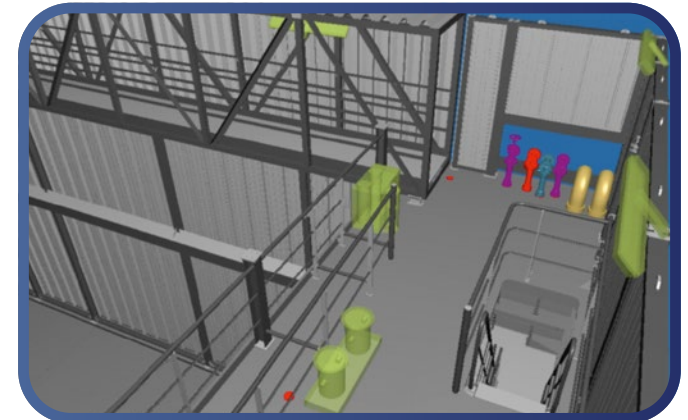
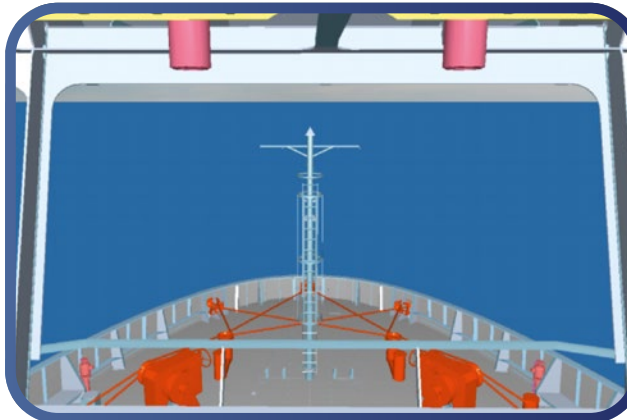
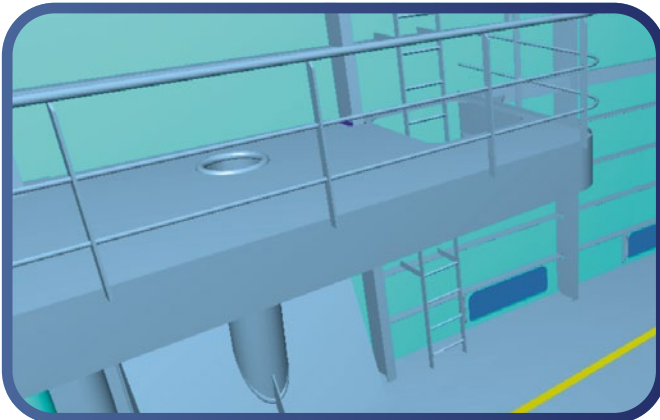
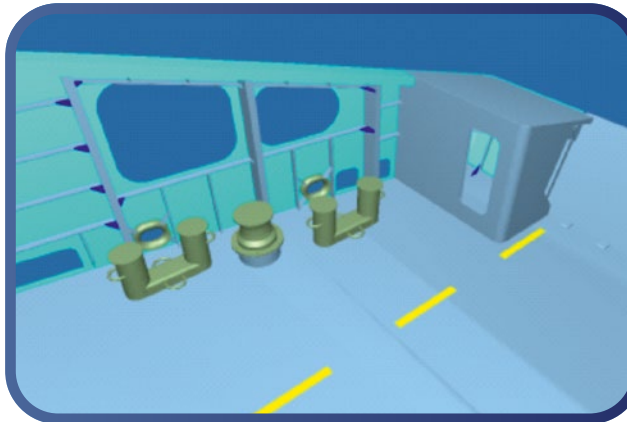
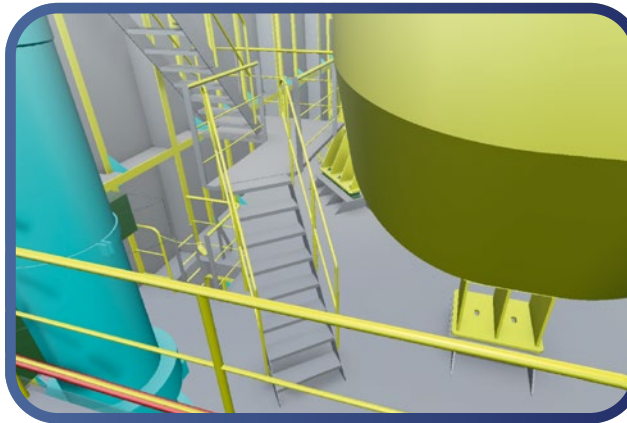
Detail Desing:

- Equipment modeling
- Database creation (components library)
- Pipe / HVAC / Cable routing
- Workshop drawings (isometrics / spool sketches)
- Installation (combination) drawings
- MTO & Spool list
- Pipe supports
- Work in point clouds for retrofit projects



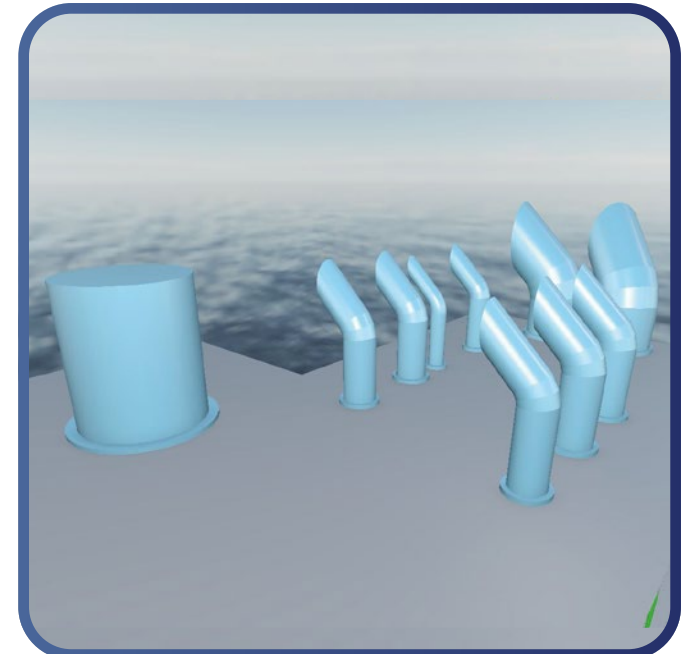
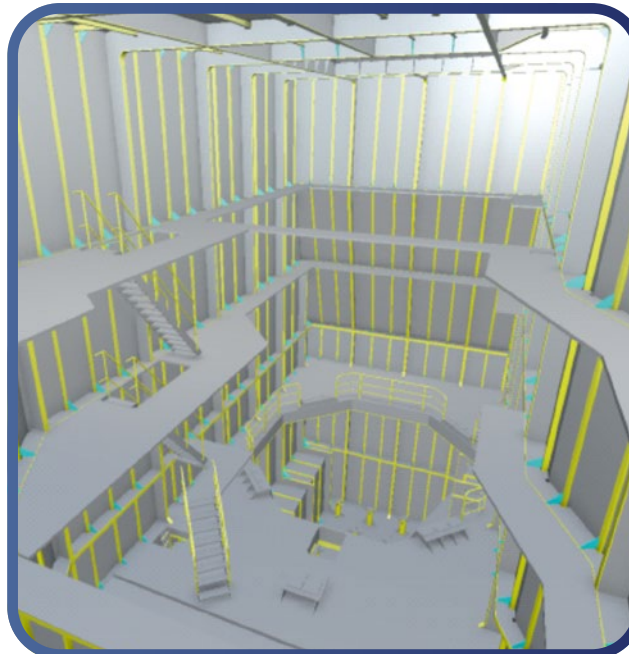
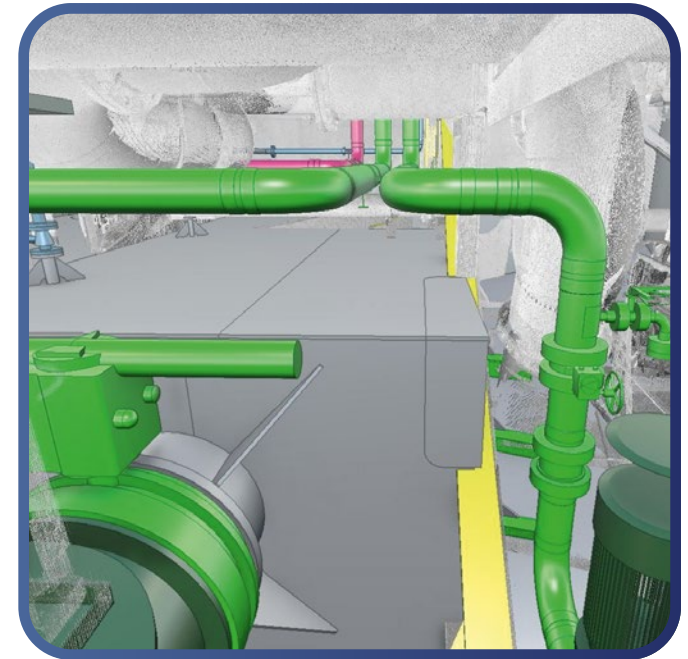
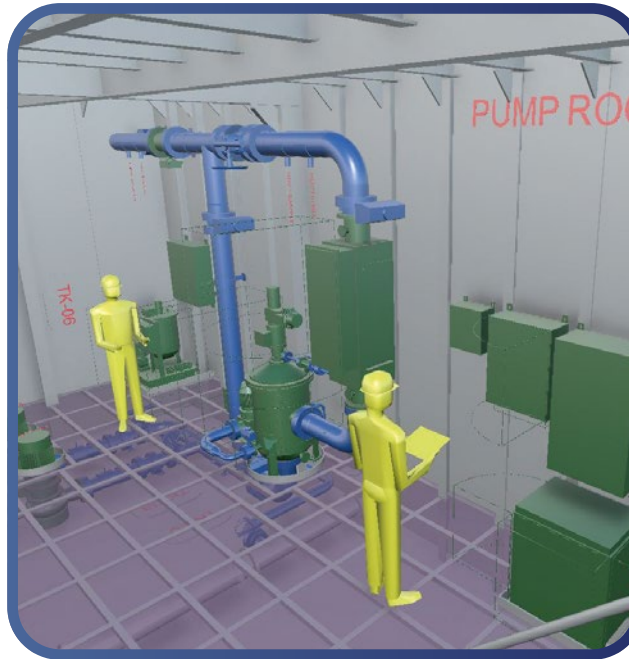
Services: Steel outfitting

- 3D modeling of steel outfitting hull structures (ladders, hatches, manholes, covers, railings, etc.)
- Deck equipment drawings
- Installation drawings
- Foundation, 3D modeling and fabrication drawings
- Project's coordination



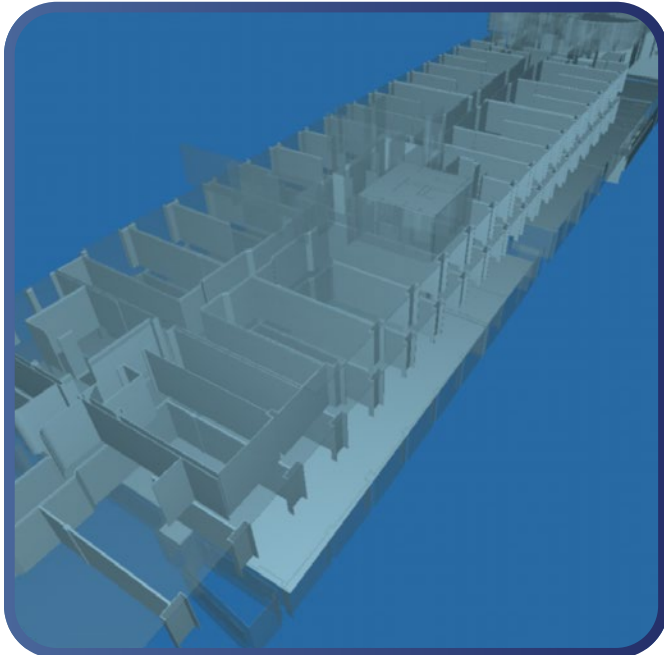
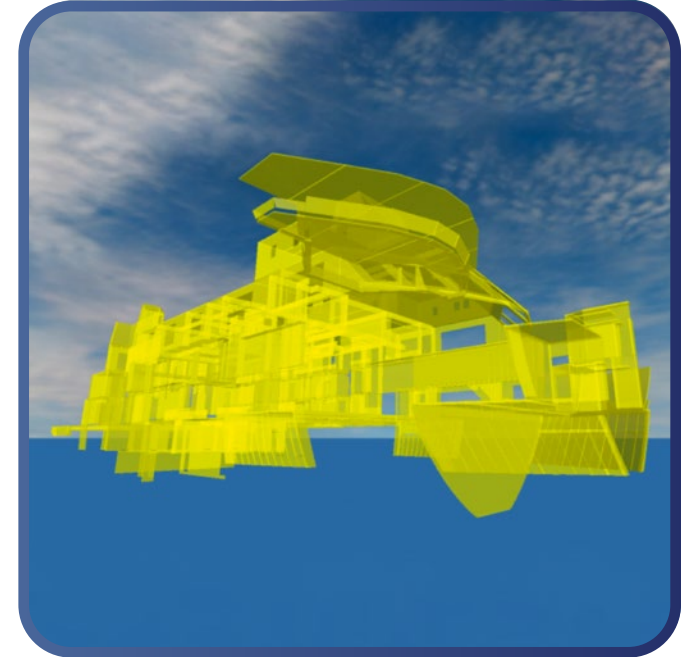
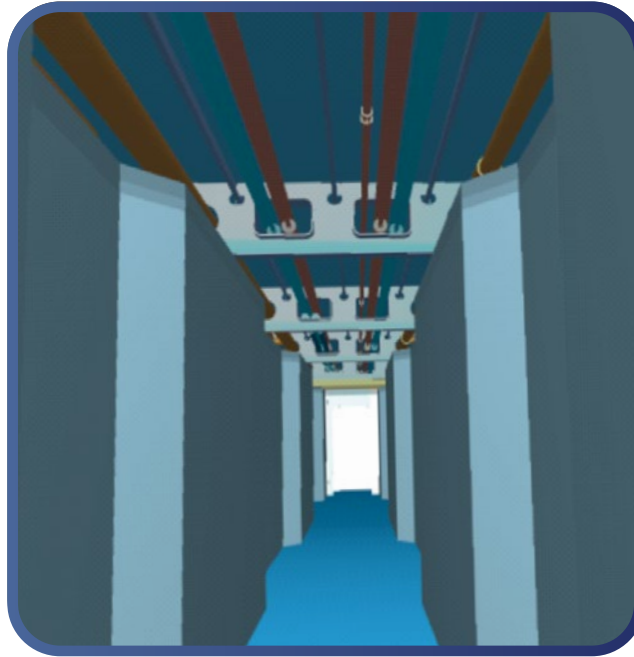
Services: Retrofit projects (EGCS, BWTS, etc)

- Components database
- Point clouds insert
- Equipment modeling
- Pipe modeling
- Hull & Outfitting
- Spool iso's
- Arrangement drawings



Services: interior & insulation

- Insulation in Technical spaces & Accommodation
- Interior items for space reservation
- Other miscellaneous items for coordination purposes.



Offshore vessels

ZALIV
SHIP DESIGN



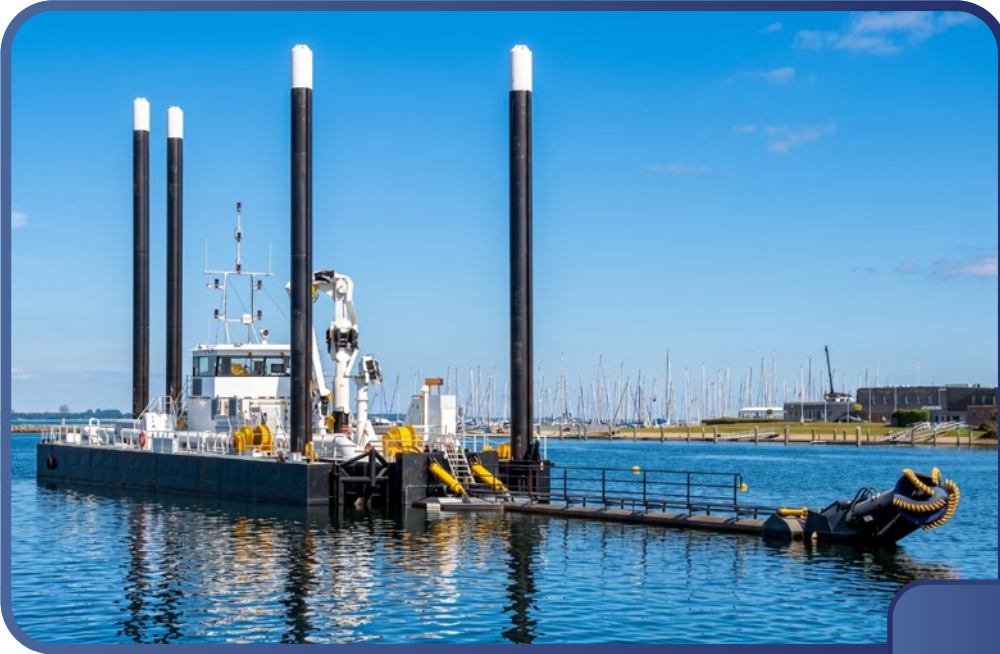


Merchant and fishing vessels



Special and other vessel types

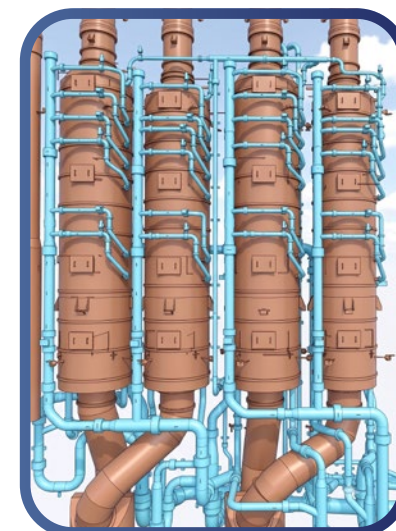
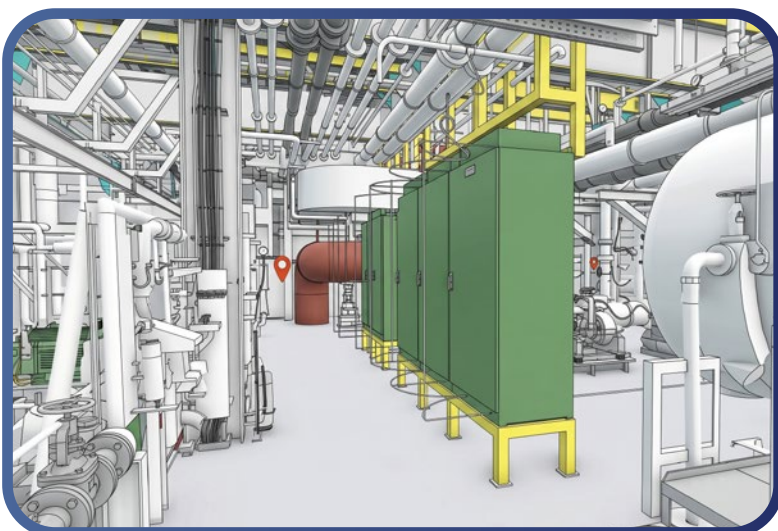
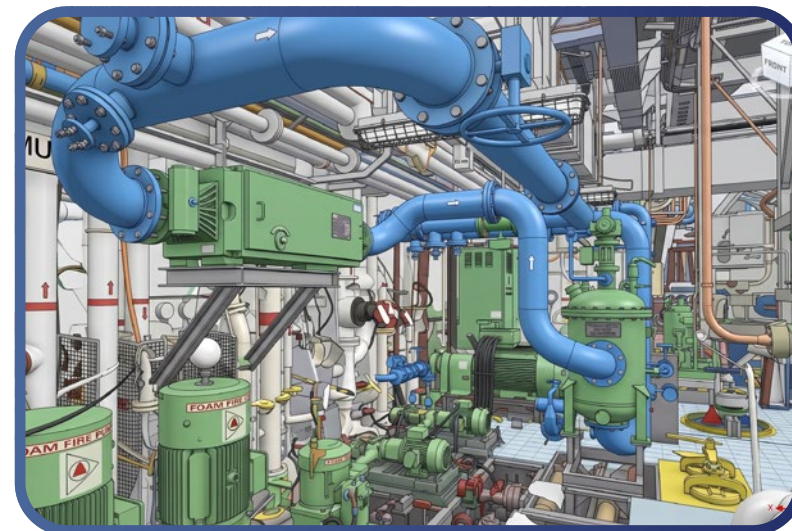




ZALIV
SHIP DESIGN



Retrofits and Modernizations



Yachts



Cruise vessels







zalivdesign.com

info@zalivdesign.com

**Ukraine, Mykolaiv, 54002,
Mala Morska Str. 108/5, office 402**