

# **Digital Shipyard Market by Shipyard Type (Commercial, Military), Capacity (Large, Medium, Small), Process, Technology, End Use (Implementation, Upgrades & Services), Digitalization Level and Region - Global Forecast to 2030**

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## **Abstracts**

The Digital Shipyard Market is projected to grow from USD 1.3 billion in 2022 to USD 5.5 billion by 2030, at a CAGR of 19.1% during the forecast period.

The digital shipyard vision involves the establishment of smart infrastructure designed to create a smart product and a delivery model that provides ongoing operational support and support services to customers. Product lifecycle management (PLM), digital twins, and 3D modeling functionalities in shipbuilding enable 360 degrees of integration of the product (production and design processes), enabling the complete and continuous inspection of the product and parts from the design phase through to when the product is decommissioned

Many players are currently investing in advancements in manufacturing processes to cater to the demand for high-quality systems. Increasing investments in R&D to develop lightweight components are also leading to technological advancements. A rise in demand for increased efficiency and improved resiliency are expected to fuel the market for Digital Shipyard, leading to new revenue opportunities for players in the market.

Commercial Shipyard segment to witness highest growth in the forecast period

By Shipyard Type, the commercial shipyard segment is expected to growth the highest in the forecast period. Commercial shipyards have started to vertically integrate, undertaking tasks needed to build ships from new materials. These shipyards

accommodate large passenger ships, large cargo ships, cruises, ferries, workboats, etc. The demand for commercial shipyards has increased in the global marketplace due to its driving factors such as the high volume of business that depends on simple forming & welding processes, comparatively lesser engineering support, and simpler acquisition process.

Large shipyards to witness large market share in 2022.

Based on Capacity, the Large shipyard are witnessing largest market share in 2022. Large shipyards are comparatively specialized in high-value-added niche markets and corresponding production processes. With the help of various solutions, these shipyards optimize their business model by outsourcing or sharing certain tasks or complete business processes, which increases the market availability for various small and medium-sized shipyards, software & solution providers, and system integrators, etc.

Break-up of profile of primary participants in the digital shipyard market:

By Company Type: Tier 1 – 20%, Tier 2 – 55%, and Tier 3 – 25%

By Designation: C Level – 50%, Director Level – 25%, and Others – 25%

By Region: North America – 60%, Europe – 20%, AsiaPacific – 10%, South America – 5%, and RoW – 5%

Major players operating in the digital shipyard market include Siemens (Germany), Dassault Systemes (France), Accenture (Ireland), SAP (Germany), BAE Systems (UK) among others. These key players offer digital shipyard solutions and services to different key stakeholders.

Research Coverage:

This research report categorizes the digital shipyard market on the basis of Shipyard Type (Commercial, Military), by Capacity (Large, Medium, Small), by Process, by Technology, By End Use (Implementation, Upgrades & Services), by Digitalization Level. These segments have been mapped across major regions, namely, North America, Europe, Asia Pacific, Middle East, Rest of the World. The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the digital shipyard market. A

detailed analysis of the key industry players has been done to provide insights into their business overviews; solutions and services; key strategies; new product launches; mergers; and partnerships, agreements, and collaborations; and recent developments associated with the digital shipyard market. In addition, the startups in digital shipyard market ecosystem are covered in this report to provide usable insights and developments happening in the emerging market of digital shipyard.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall digital shipyard market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on digital shipyard market offered by the top players in the market

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product launches, contracts, agreements, and expansion plans in the digital shipyard market.

**Market Development:** Comprehensive information about lucrative markets – the report analyzes the digital shipyard market across varied regions.

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the digital shipyard market.

**Competitive Assessment:** In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the digital shipyard market.

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