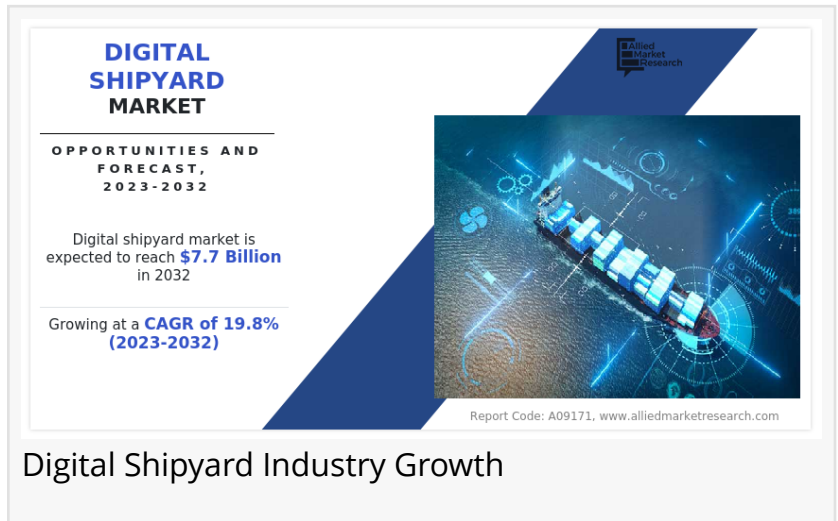


Digital Shipyard Market Poised to Reach \$7.7 Billion by 2032: Emerging Trends and Insights

WILMINGTON, NEW CASTLE, DE, UNITED STATES, January 8, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Digital Shipyard Market](#)," The digital shipyard market size was valued at \$1.3 billion in 2022, and is estimated to reach \$7.7 billion by 2032, growing at a CAGR of 19.8% from 2023 to 2032.



DIGITAL SHIPYARD MARKET
OPPORTUNITIES AND FORECAST, 2023-2032

Digital shipyard market is expected to reach **\$7.7 Billion** in 2032

Growing at a **CAGR of 19.8%** (2023-2032)

Report Code: A09171. www.alliedmarketresearch.com

Digital Shipyard Industry Growth

□ □□□□□□□ □□□□□□ □□□□□□ -
<https://www.alliedmarketresearch.com/request-sample/A09171>

The concept of digital shipyard is typically attributed to the upgradation of shipyards with the adoption of Industry 4.0 capabilities, such as "Cyber-Physical Systems" (CPS) and Internet of Things (IoT) to evolve shipyards for the modern era. By combining the Internet of Things (IoT) with cyber-physical systems (CPS), shipbuilders can produce virtual models in a fraction of the time. These are used to test, modify, and improve designs before physical production commences. Thus, many major shipbuilders in the commercial and defense sectors are adopting a combination of Industry 4.0 technologies to create a digital shipyard for the future. For instance, in December 2020, Pemamek OY received a contract from Babcock International Group, which is a developer of aerospace and defense solutions, to supply PEMA welding and production lines for its shipbuilding site at Rosyth, Scotland. This allowed Babcock to raise the level of automation at its plant and also increased its welding and handling capabilities, which improved the manufacturing quality of ship structures.

□□□□□ □□□□□□□□□□□□□□ □□ □□□□□□□

An increase in demand for cargo ships due to increased maritime trade, rise in environmental concerns worldwide to lower the carbon footprint generated in the shipping industry, and rise in adoption of digital twin technology drive the growth of the global digital shipyard market. However, the high cost of digitalization and training cost products, and complexity associated

with the systems restricts the market growth. Moreover, rising implementation of robot technology in shipbuilding industry, and increasing use of industrial internet of things (IIoT) presents new opportunities in the coming years.

□□□□□□ □□□□□□□□□□□□:

□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□ □□ □□□□□□□□ □□□ □□□□□□□□□□ □□□ □□□□□□□□□□ □□□ □□□□□□□□□□

Based on type, the commercial shipyard segment held the highest market share in 2022, accounting for more than [two-thirds of the global digital shipyard market revenue](#) and is estimated to maintain its leadership status throughout the forecast period. This segment is also projected to manifest the highest CAGR of 20.6% from 2023 to 2032, owing to the increase in sea tourism, industrialization and globalization.

□ □□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□ □□□: <https://www.alliedmarketresearch.com/digital-shipyard-market/purchase-options>

□□□ □□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□ □□ □□□□□□□□ □□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□

Based on technology, the robotic process automation segment held the highest market share in 2022, accounting for nearly half of the global digital shipyard market and is estimated to lead the market segment during the forecast period. The technological advancements in the shipping industry with the focus & adoption of robots and automation are a major factor that propels the growth of robotic process automation. However, others segment is projected to manifest the highest CAGR of 24.7% from 2023 to 2032. The others market is expected to rise owing to an increase in the usage of IIoT in the shipbuilding industry to boost output, minimize downtime, and improve manufacturing process. Moreover, the adoption of digital twinning in the shipping industry enables design engineers to predict and simulate potential design faults in a safe environment, long before any physical construction takes place.

□□□ □□□□□□ □□□□□□□□ □□□□□□□□ □□ □□□□□□ □□□ □□□□□□□□□□ □□□□□□ □□□ □□□□□□□□ □□□□□□

Based on capacity, the medium shipyard segment accounted for the largest share in 2022, contributing to nearly half of the global digital shipyard market revenue and is estimated to rule the roost throughout the forecast timeframe. The primary factors that drive the medium shipyards segment growth are rise in the demand for sea trade & tourism due to low-cost mode of transportation and rise in investments in modernization of facilities. However, the large shipyard segment is expected to portray the largest CAGR of 22.4% from 2023 to 2032. The increase in popularity of ultra-large container ships through integration of digitization along with rise in sea trade is expected to foster market growth.

□□□ □□□□-□□□□□□□□ □□□□□□□□ □□□□□□□□ □□ □□□□□□□□ □□□ □□□□ □□□□□□□□ □□□□□□ □□□□□□□□ □□□□□□□□

Based on digitalization level, the semi-digital shipyard segment accounted for the largest share in 2022, contributing to more than four-fifths of the global digital shipyard market revenue, however fully digital shipyard is projected to lead the market during the forecast period. Use of the latest technology under strong organizational leadership along with commitment to safety leads to drive the semi-digital shipyard segment globally. However, the fully digital shipyard segment is expected to portray the largest CAGR of 23.3% from 2023 to 2032. The adoption of Industry 4.0 technologies to create and design different projects simultaneously reducing modelling costs, and the time that used to be spent building prototypes. These features provided by digital shipyard technology are expected to increase the demand for the technology during the forecast period.

□□□□-□□□□□□□□ □□ □□□□□□□□ □□□ □□□□□□□□□□ □□ □□□□□

Based on region, Asia-Pacific held the highest market share in terms of revenue in 2022, accounting for around [two-fifths of the global digital shipyard market revenue](#), however LAMEA is expected to dominate the market during the forecast period. The Asia-Pacific region is dominating due to the presence of emerging economies such as China and India that are modernizing and procuring marine vessels for the upgradation of their shipyards to establish a strong foothold in the marine sector. However, the LAMEA region is expected to witness the fastest CAGR of 27.6% from 2023 to 2032. LAMEA regions are witnessing foreign investment in their countries, due to which there is rise in the development and implementation of automation, thereby boosting the market growth in the region.

□ □□□□□□□□□□ □□ □□□□□□□□ □□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□ - <https://www.alliedmarketresearch.com/purchase-enquiry/A09171>

□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□: -

- Accenture
- Altair Engineering Inc.
- Aras
- AVEVA Group Plc.
- BAE Systems Plc.
- Damen Shipyards Group
- Dassault Systems
- Hexagon AB
- iBASEt
- Inmarsat Global Limited
- Kranendonk Production Systems BV
- Kreyon Systems Pvt. Ltd.

Pemamek OY
PROSTEP AG
SAP SE
Siemens
Wartsila

The report provides a detailed analysis of these key players in the global digital shipyard market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

Key Report Highlights:

This report provides an in-depth analysis of the digital shipyard applications within the transportation industry.

The analysis of the digital shipyard market spans from 2022 to 2032, offering insights into future trends and developments.

The latest advancements in this field are outlined, offering a comprehensive overview of technological progress.

Profiles of leading companies in the industry are presented, offering a detailed look at key players.

The research study explores various market segments and regions, providing a comprehensive examination of the industry's landscape.

□□□□ □□ :

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Wilmington, Delaware. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/775063775>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.