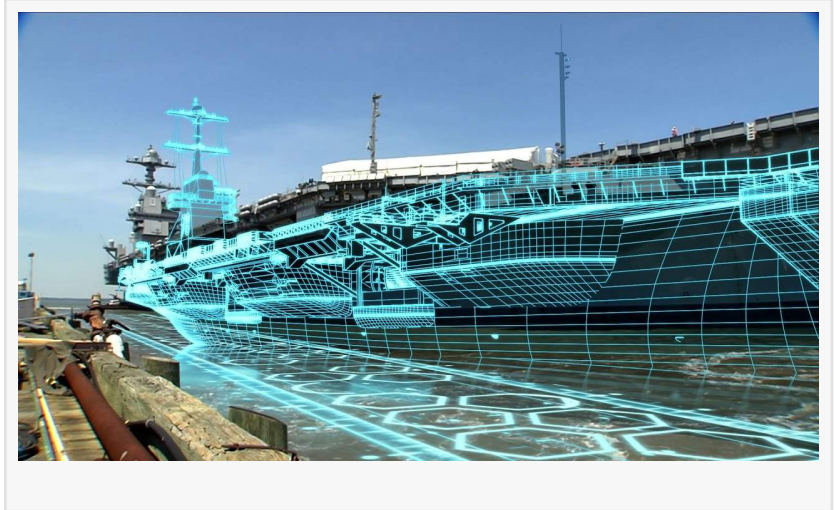


The Rise of Digital Shipyards: A Look at Recent Developments

Digital Shipyard Market Size, Share, Analysis, Trends

WILMINGTON, DELAWARE, UNITED STATES, October 11, 2023

/EINPresswire.com/ -- The term "Digital Shipyard" is used in the maritime industry to describe an integrated and digitized shipbuilding environment, where various technologies like IoT, AI, data analytics, and virtual reality are used to optimize the shipbuilding process



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.

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

The [digital shipyard market size](#) was valued at \$846.20 million in 2021, and is estimated to reach \$5.09 billion by 2031, growing at a CAGR of 19.6% from 2022 to 2031.

In addition, the digital shipyard market has witnessed significant growth in recent years, owing to increase in investments by shipyard enterprises and noteworthy increase in industrialization and globalization. Governments and international regulatory authorities across the globe are implementing regulations to lower the emission of carbon, SO_x, and NO_x in the shipping industry. Furthermore, companies operating in the market have adopted partnerships, product

launches, and agreements to increase their [digital shipyard market share](#) and expand their geographical presence. For instance, in September 2021, Kranendonk Production Systems BV signed an agreement with Shanghai Waigaoqiao Shipbuilding Co. Ltd. to deliver thin plate flat assembly line section that automated the welding process for large cruise ships. This led to automatic seamless welding operations along with high welding quality and efficient welding process.

□□□□□□ □□□□□□ □□□□ □□□□ □□□□□□ □□□□□□:

<https://www.alliedmarketresearch.com/request-sample/9536>

Increase in demand for cargo ships due to increased maritime trade, rise in environmental concerns globally to lower the carbon footprint generated in the shipping industry, and rise in adoption of digital twin technology supplement the growth of the [digital shipyard industry](#). However, high cost of digitalization and training cost products and complexity associated with the systems are expected to hamper the growth of the market. In addition, rising implementation of robot technology in the shipbuilding industry and increasing use of industrial internet of things (IIoT) are expected to create ample opportunities for the key players operating in the market.

The leading players operating in the digital shipyard market are 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, and Wartsila.

□□□□ □□ □□□□□□ □□□□□□ □□□□□□- <https://www.alliedmarketresearch.com/purchase-enquiry/9536>

□□□ □□□□□□□□ □□ □□□ □□□□□

By type, the commercial shipyards segment dominated the global digital shipyard market in 2021, in terms of growth rate.

On the basis of technology, the others segment is anticipated to exhibit a remarkable growth during the forecast period.

By capacity, the large shipyards segment is the highest contributor to the digital shipyard market in terms of growth rate.

By digitization level, the fully-digital shipyard segment is anticipated to exhibit a remarkable growth during the forecast period.

By region, LAMEA is anticipated to exhibit a remarkable growth during the forecast period.

David Correa

Allied Analytics LLP

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/661073265>

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.

© 1995-2023 Newsmatics Inc. All Right Reserved.