

Global Smart Ports Market Size study & Forecast, by Element (Terminal Automation & Cargo Handling, Port Community System, Traffic Management System, Smart Port Infrastructure, Smart Safety & Security), by Throughput Capacity (Extensively Busy (More Than 18 Million Teu), Moderately Busy (5–18 Million Teu), Scarcely Busy (Less Than 5 Million Teu)), by Technology (Internet of Things (IoT), Artificial Intelligence (AI), Blockchain), by Port Type (Seaport, Inland Port) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G0A138F7503FEN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G0A138F7503FEN

Abstracts

Global Smart Ports Market is valued approximately USD 2.96 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 32.4% over the forecast period 2022-2029. Smart port can be defined as an automated port which uses high-end smart technologies comprising big data, internet of things (IoT), blockchain and artificial intelligence (AI) for enhancing performance and economic competitiveness. The Smart Ports market is expanding because of factors such as increasing international maritime trade activities and rising adoption of smart city ecosystem.

Smart port offers several benefits over traditional port including reduced human-intervention, limited operational expenses, intelligent decision making, and more predictable performance. A. Its prevalence has progressively increased during the last few decades. According to the Statista, in 2021, the volume of global seaborne trade was estimated to be around 11 billion tons. Furthermore, in 2021, the global trade value of goods exported throughout the world amounted to approximately USD 22.3 trillion.

Another important component driving space increase is smart city ecosystem. The projected global revenue for smart city technologies, products, and services is forecast to reach USD 129 billion in 2021. This revenue includes all revenue that companies generate by offering technologies and products that use information and data technologies to create more value within the public city environment. The successful launch of this product may provide patients with an alternative option. However, risks associated with data breach stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Smart Ports Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to the increasing industrialization along with the availability of technology in cheap tech economies like China and Taiwan. According to the UNCTAD Review of Maritime Transport, in 2021, the region held a share of 54.0% in maritime trade. Furthermore, Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rapid economic development as well as the growth of the manufacturing and energy sectors, thereby increasing maritime trade in the market space.

Major market player included in this report are:

Port of Rotterdam

Trelleborg

Royal Haskoning

IBM

Accenture

General Electric

Abu Dhabi Ports

ABB

Wipro

Ramboll Group

Recent Developments in the Market:

In June 2022, ABB and Port of Toulon, France secured a contract to connect the largest shore-to-ship project in France. At a crucial juncture in its sustainability effort, the Port of Toulon, which annually serves over 1.6 million ferry and cruise passengers, is committed to ABB shore connection technology. The ABB solution was able to supply three ferries making simultaneous port calls, or one cruise liner, with all their energy requirements. The potential of 50 or 60 Hz power hookups will be available for vessels.'

In April 2022, Accenture acquired the Argentina-based integrated data and AI consulting service Ergo. It helped the development of a culture of data-driven decision-making with analytics, artificial intelligence (AI), and big data. In the Hispanic South American market, which includes Argentina, Chile, and Colombia, the acquisition broadens Accenture's Cloud First capabilities to enable data-led transformations for clients.

Global Smart Ports Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Element, Throughput Capacity, Technology, Port Type, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Element:

Terminal Automation & Cargo Handling

Port Community System

Traffic Management System

Smart Port Infrastructure

Smart Safety & Security

By Throughput Capacity:

Extensively Busy (More Than 18 million Teu)

Moderately Busy (5–18 million Teu)

Scarcely Busy (Less Than 5 million Teu)

By Technology:

Internet of Things (IoT)
Artificial Intelligence (AI)
Blockchain

By Port Type:

Seaport
Inland Port

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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