

Smart Port Market: Trends, Opportunities and Competitive Analysis [2024-2030]

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Abstracts

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Smart Port Market Trends and Forecast

The future of the smart port market looks promising with opportunities in the seaport and inland port markets. The global smart port market is expected to reach an estimated \$11.2 billion by 2030 with a CAGR of 22.4% from 2024 to 2030. The major drivers for this market are increasing government initiatives for smart port, growing maritime transportation, and rising adoption of IoT technology.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Smart Port Market by Segment

The study includes trends and forecast for the global smart port market by element, technology, throughput capacity, port type, and region, as follows:

Smart Port Market by Element [Shipment Analysis by Value from 2018 to 2030]:

Terminal Automation and Cargo Handling

Port Community Systems (PCS)

Smart Safety and Security

Traffic Management Systems (TMS)

Smart Port Infrastructure

Smart Port Market by Technology [Shipment Analysis by Value from 2018 to 2030]:

Process Automation

Internet of Things (IoT)

Artificial Intelligence (AI)

Blockchain

Smart Port Market by Throughput Capacity [Shipment Analysis by Value from 2018 to 2030]:

Extensively Busy Ports

Moderately Busy Ports

Scarcely Busy Ports

Smart Port Market by Port Type [Shipment Analysis by Value from 2018 to 2030]:

Seaports

Inland Ports

Smart Port Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Smart Port Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, smart port companies cater to the increasing demand, ensure competitive effectiveness, develop innovative products and technologies, reduce production costs, and expand their customer base. Some of the smart port companies profiled in this report include-

ABB

IBM

Kaleris

Siemens

General Electric

Cisco

Trelleborg

ZPMC

Liebherr

Accenture

Smart Port Market Insights

Lucintel forecasts that process automation is expected

They will remain the largest technology segment over the forecast period due to increasing adoption of Industry 4.0 technology by seaports to increase capacity.

Within this market, seaports will remain the larger port type segment as seaports have been equipped with powerful digital technology, smart sensors, and IoT, which helps in enhancing the operational productivity and also makes cargo management easier for the port authorities.

APAC will remain the largest segment over the forecast period because of increasing investment in ports for new technologies, like artificial intelligence and blockchain, and strong development in trade business in countries, like Singapore and Hong Kong.

Features of the Smart Port Market

Market Size Estimates: Smart port market size estimation in terms of value (\$B)

Trend and Forecast Analysis: Market trends (2018-2023) and forecast (2024-2030) by various segments and regions.

Segmentation Analysis: Smart port market size by various segments, such as element, technology, throughput capacity, port type, and region

Regional Analysis: Smart port market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different elements, technologies, throughput capacities, port types, and regions for the smart port market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the smart port market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the smart port market size?

Answer: The global smart port market is expected to reach an estimated \$11.2 billion by 2028.

Q2. What is the growth forecast for smart port market?

Answer: The global smart port market is expected to grow with a CAGR of 22,4% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the smart port market?

Answer: The major drivers for this market are increasing government initiatives for smart port, growing maritime transportation, and rising adoption of IoT technology.

Q4. What are the major segments for smart port market?

Answer: The future of the smart port market looks promising with opportunities in the seaport and inland port markets.

Q5. What are the key smart port companies?

Answer: Some of the key smart port companies are as follows:

ABB

IBM

Kaleris

Siemens

General Electric

Cisco

Trelleborg

ZPMC

Liebherr

Accenture

Q6. Which smart port segment will be the largest in future?

Answer: Lucintel forecasts that process automation is expected to remain the largest technology segment over the forecast period due to increasing adoption of industry 4.0 technology by seaports to increase capacity.

Q7. In smart port market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest segment over the forecast period because of increasing investment in ports for new technologies, like artificial intelligence and blockchain, and strong development in trade business in countries, like Singapore and Hong Kong.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the global smart port market by element (terminal automation and cargo handling, port community system, smart safety and security, traffic management system, and smart port infrastructure), technology (process automation, internet of things (IoT), artificial intelligence, and blockchain), throughput capacity (extensively busy ports, moderately busy ports, and scarcely busy ports), port type (seaports and inland ports), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity did occur in the last five years and how did they impact the industry?

For any questions related to smart port market, smart port market size, smart port market growth, smart port market analysis, smart port market report, smart port market share, smart port market trends, smart port market forecast, smart port companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL SMART PORT MARKET: MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1: Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2: Global Smart Port Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Smart Port Market by Element

3.3.1: Terminal Automation and Cargo Handling

3.3.2: Port Community Systems (PCS)

3.3.3: Smart Safety and Security

3.3.4: Traffic Management Systems (TMS)

3.3.5: Smart Port Infrastructure

3.4: Global Smart Port Market by Technology

3.4.1: Process Automation

3.4.2: Internet of Things (IoT)

3.4.3 Artificial Intelligence (AI)

3.4.4 Blockchain

3.5: Global Smart Port Market by Throughput Capacity

3.5.1: Extensively Busy Ports

3.5.2: Moderately Busy Ports

3.5.3: Scarcely Busy Ports

3.6: Global Smart Port Market by Port Type

3.6.1: Seaports

3.6.2: Inland Ports

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Smart Port Market by Region

4.2: North American Smart Port Market

4.2.1: North American Smart Port Market by Technology: Process Automation, Internet

of Things (IoT), Artificial Intelligence, and Blockchain

4.2.2: North American Smart Port Market by Port Type: Seaports and Inland Ports

4.3: European Smart Port Market

4.3.1: European Smart Port Market by Technology: Process Automation, Internet of Things (IoT), Artificial Intelligence, and Blockchain

4.3.2: European Smart Port Market by Port Type: Seaports and Inland Ports

4.4: APAC Smart Port Market

4.4.1: APAC Smart Port Market by Technology: Process Automation, Internet of Things (IoT), Artificial Intelligence, and Blockchain

4.4.2: APAC Smart Port Market by Port Type: Seaports and Inland Ports

4.5: ROW Smart Port Market

4.5.1: ROW Smart Port Market by Technology: Process Automation, Internet of Things (IoT), Artificial Intelligence, and Blockchain

4.5.2: ROW Smart Port Market by Port Type: Seaports and Inland Ports

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Smart Port Market by Element

6.1.2: Growth Opportunities for the Global Smart Port Market by Technology

6.1.3: Growth Opportunities for the Global Smart Port Market by Throughput Capacity

6.1.4: Growth Opportunities for the Global Smart Port Market by Port Type

6.1.5: Growth Opportunities for the Global Smart Port Market by Region

6.2: Emerging Trends in the Global Smart Port Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Smart Port Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Smart Port Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: ABB

- 7.2: IBM
- 7.3: Kaleris
- 7.4: Siemens
- 7.5: General Electric
- 7.6: Cisco
- 7.7: Trelleborg
- 7.8: ZPMC
- 7.9: Liebherr
- 7.10: Accenture

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