

# Global Automated Container Terminal Market to Reach USD 15.24 Billion by 2032

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### Abstracts

The global automated container terminal market is valued at approximately USD 10.99 billion in 2023 and is anticipated to exhibit a steady growth trajectory with a compound annual growth rate (CAGR) of 3.70% over the forecast period from 2024 to 2032. Automated container terminals represent the cutting edge of port efficiency, where automation technologies seamlessly integrate with traditional terminal operations to enhance productivity, reduce labor dependency, and improve safety measures. These smart terminals utilize robotic cranes, automated guided vehicles (AGVs), and Al-driven management systems to streamline operations, ensuring optimized throughput and minimized turnaround times.

A confluence of factors is propelling the expansion of the automated container terminal market. The rapid growth of global trade volumes has necessitated the development of highly efficient port infrastructure. The transition from conventional to automated and semi-automated container terminals is gaining traction as ports struggle with congestion, labor shortages, and heightened pressure to reduce carbon emissions. Notably, several ports across Europe, China, and the United States are implementing cutting-edge automation solutions to enhance cargo handling efficiency. Additionally, the increasing adoption of IoT, AI-powered predictive maintenance, and 5G connectivity is further enhancing the functionality of automated container terminals. However, high initial capital expenditure and challenges related to integration with legacy infrastructure may pose hurdles to market growth.

The geographical expansion of the automated container terminal market is prominently led by Europe, where major ports such as Rotterdam, Hamburg, and Antwerp are heavily investing in automation technology. The region benefits from stringent environmental regulations that encourage the adoption of sustainable port operations,



making automation a compelling investment. North America follows closely, with substantial investments in terminal automation from key ports such as the Port of Los Angeles and the Port of Long Beach. Meanwhile, Asia-Pacific is anticipated to exhibit the fastest growth rate, driven by China's and Singapore's aggressive automation initiatives. Countries in this region are leveraging smart port solutions to accommodate surging trade volumes, further fueling market expansion.

Major market players included in this report are:

ABB Ltd.

Konecranes Plc

**Cargotec Corporation** 

Shanghai Zhenhua Heavy Industries Co., Ltd. (ZPMC)

Liebherr Group

Hyundai Heavy Industries Co., Ltd.

Siemens AG

CyberLogitec Co., Ltd.

**Camco Technologies** 

INFORM GmbH

**TMEIC** Corporation

**Identec Solutions AG** 

VDL Groep

Orbita Ports & Terminals

Navis LLC



The detailed segments and sub-segments of the market are explained below:

By Degree of Automation:

Semi-Automated

Fully Automated

By Project Type:

Brownfield

Greenfield

By Offering:

Equipment

Software

Services

By Region:

North America

U.S.

Canada

Europe

UK

Germany



France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

**Rest of Asia Pacific** 

Latin America

Brazil

Mexico

**Rest of Latin America** 

Middle East & Africa

Saudi Arabia

South Africa



Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year - 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level market insights.

Competitive landscape featuring in-depth company profiles of major market players.

Strategic recommendations for market entry, expansion, and investment decisions.

Demand-side and supply-side market analysis.

Examination of regulatory frameworks, industry standards, and emerging trends shaping the market.



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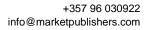
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