

COVID-19 Impact on Storage Terminal Market by Tank Type (Floating Roof Tank, Open Top Tank, Fixed Roof Tank, and Others); By Application (Kerosene, Aviation Fuel, Crude Oil, Gasoline, Naphtha, Diesel, and Liquefied Petroleum Gas); By Region (North America, Asia-pacific, Europe, Latin America and Middle-East and Africa)- Analysis of market share, size & trends for 2016-19 and forecasts to 2030.

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Abstracts

Product Overview

Remote towers offer optimized and automated airport services for the regulation of air traffic. It is a device for supplying flight details from a place other than the aerodrome. Operational efficiency and protection are improved by distance tower operation. Remote towers also aid in the control of airspace and secure the management of air traffic. Digitalization and incorporation of airport functions allow remote tower applications to provide a method to address air traffic. It enables remote-friendly aerial base Air Traffic Control (ATC) or Flight Information Service (FIS) to enable view streaming and sustain safety performance at an early stage.

Market Highlights

Fatpos Global anticipates the Remote Towers market to surpass USD XX Billion by 2030, which is valued at XX billion in 2019 at a compound annual growth rate of XX%. According to the report, Due to factors such as the increase in aircraft delivery and the growing focus on reshaping traffic control infrastructure, it's predicted that the market for the remote tower will register tremendous growth over the projected period. Furthermore, the market is also expected to be influenced by strict air safety regulations

because of the increasing terrorism worldwide. Moreover, it offers a chance for the advancement of the remote tower market with the rising adoption of UAVs for both commercial and military applications.

Source: Fatpos Global

Remote Towers Market: Segments

Global Remote Towers Market has been segmented based on operation and by capacity. It has been further segmented based on region into North America, Europe, Asia-Pacific, Mid East, and Africa.

By Operation Type (in %), Global Remote Towers Market, 2019

In 2019, the Contingency segment dominated the global Remote Towers market. Global Remote Towers Market is segmented by operation type into: Contingency, Single, Multiple, etc. The contingency division held the largest market in 2019 and is poised to grow over the projected timeline at the highest CAGR since these platforms are used for emergency situations and a remote backup tower. As a result of increased air traffic at level 1 airports, the expansion for this segment could be explained by the large demand for distance towers.

By System Type (in %), Global Remote Towers Market, 2019

Remote Tower Modules accounted for XX% of the global volume in 2019 and is anticipated to dominate the market in the forecasted period. Global Remote Towers market is segmented by the system: Network Solutions, Airport Equipment, Remote Tower Modules. Since the remote tower module is a remote tower's control center, the majority of infrastructure is part of remote tower modules. The remote tower module includes information & control facilities, flight data processing, and visualization. Besides, some networking and control equipment is often used as a component of remote tower modules. This is why in the system-type category, the remote tower modules have the largest market share.

Source: Fatpos Global

Global Remote Towers Market: Market Dynamics

Drivers

Growing air travel

Due to factors such as the increase in aircraft delivery and the growing focus on reshaping traffic control infrastructure, it's predicted that the market for the remote tower will register tremendous growth over the projected period. As the number of airports

grows rapidly because of the growing demand for air travel, increased demand for quality and safety is driving the remote tower market in particular. A remote tower is also a possible option for constructing a new control tower when an airport extends and leads to cost reduction.

Stricter safety regulation

The market is also expected to be influenced by strict air safety regulations because of the increasing terrorism worldwide. Moreover, it offers a chance for the advancement of the remote tower market with the rising adoption of UAVs for both commercial and military applications.

Restraints

High initial cost

The Remote Tower market is impeded by the restricted network infrastructure and the capacity problems of large airports due to fire, technological failure, or a security threat. Remote towers technology is costly too. High installation cost of the initial set up may limit to some extent the growth of Remote towers.

Global Remote Towers Market: Regions

Europe was the largest market accounting for XX% of total market volume share in 2019

The highest proportion in the remote towers market in 2019 is expected in Europe. This is due to the SESAR initiative aimed at optimization of the control of air traffic in order to minimize costs and carbon emissions. Increased passenger traffic across multiple airports is putting a heavy strain on terminals and ground facilities. This also leads to severe air traffic congestion across major cities worldwide. Airports are constantly concentrating on modernizing airport facilities and enhancing operating standards to avoid any unforeseen accidents and misfortunes. The growing use of technology such as artificial intelligence (AI) and machine learning in the automation of airports is projected to augur well in the projected timeline for the growth of the global tower industry.

Asia Pacific: China, Japan, India, and Rest of Asia Pacific

Europe: Germany, the UK, France, and Rest of Europe

North America: The US, Mexico, and Canada

Latin America: Brazil and Rest of Latin America

Middle East & Africa: GCC Countries and Rest of Middle East & Africa

Source: Fatpos Global

Global Remote Towers market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium,

Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia,

Turkey and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New

Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa

Global Remote Towers Market: Competitive landscape

Market is mildly concentrated. In line with the advances in energy companies' regenerative sources, the remote tower manufacturers formulate strategies to boost their market share due to several large and small players, several players invest heavily in developing and improving the adoption level of these products innovative technology and designs.

For instance, Air Traffic Control the Netherlands (LVNL) officially decided in December 2019 to establish a 20-year Saab Digital Air Traffic Solutions Agreement (SDATS). The LVNL states that the contract requires a Saab deal to construct these towers at Maastricht Airport as well as at Eelde Airport in Groningen.

Global Remote Towers Market: Impact of COVID- 19

The automotive and travel industry is one of the highly vulnerable vertical outbreaks of CO VID 19 and now has unparalleled complexity. The COVID-19 should have a

profound influence on the aerospace supply chain and product demand. The industry has gone from the business disruption from China to the overall downturn in the aerospace market. For all activities that are non-essential, demand for commercial vehicles will decrease. Besides, shifts in consumer purchasing behavior due to the pandemic's uncertainty could have significant repercussions for the industry's near growth prospects. With travel bans, there are fewer people traveling through aircraft thus affecting the market tremendously.

Global Remote Towers Market: Key Players

Saab AB (Sweden)

Company Overview

Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Thales Group (France)

L3Harris Technologies, Inc. (US)

Leonardo S.p.A. (Italy)

Raytheon Technologies Corporation (US)

Indra Sistemas, S.A. (Spain)

Searidge Technologies (Canada)

Northrop Grumman Corporation (US)

Frequentis Group (Austria)

Lockheed Martin Corporation (US)

Other prominent players

Global Remote Towers market report also contains analysis on:

Remote Towers Market Segments:

By Operation Type:

Contingency

Single

Multiple

Others

By System Type:

Network Solutions

Airport Equipment

Remote Tower Modules
Remote Towers Market Dynamics
Remote Towers Market Size
Supply & Demand
Current Trends/Issues/Challenges
Competition & Companies Involved in the Market
Value Chain of the Market
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COVID-19 Impact on Storage Terminal Market by Tank Type (Floating Roof Tank, Open Top Tank, Fixed Roof Tank, a...

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- 3. RED EWALD (TEXAS, US)**
- 4. PUMA ENERGY (SINGAPORE)**
- 5. SUPERIOR TANK CO., INC. (BAKERSFIELD, US)**
- 6. VITOL (GENEVA, SWITZERLAND)**
- 7. TANK CONNECTION (PARSONS, US)**
- 8. ROYAL VOPAK (ROTTERDAM, NETHERLANDS)**
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Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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