

IoT In Elevators Market Outlook 2025-2034: Market Share, and Growth Analysis By Component(Hardware, Software, Services), By Application(Preventive Maintenance, Remote Monitoring, Advanced Reporting, Connectivity Management, Other Applications), By End User

<https://marketpublishers.com/r/I622D89FA42BEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: I622D89FA42BEN

Abstracts

The IoT In Elevators Market is valued at USD 27.6 billion in 2025 and is projected to grow at a CAGR of 20.5% to reach USD 147.8 billion by 2034. The IoT in Elevators Market represents the integration of smart sensors, connectivity, and data analytics into elevator systems for predictive maintenance, real-time monitoring, energy optimization, and enhanced passenger experience. IoT-enabled elevators collect and transmit data on usage patterns, mechanical performance, and environmental conditions to centralized platforms, enabling building operators to optimize operations and respond to issues before they escalate. These systems are particularly valuable in high-rise buildings, commercial complexes, airports, hospitals, and transit hubs where elevator reliability is critical. Manufacturers and service providers are using IoT to differentiate offerings, reduce downtime, extend equipment lifespan, and enable service-as-a-subscription models. As urbanization and vertical infrastructure development increase, IoT adoption in elevators is helping to modernize vertical transportation systems. The adoption of IoT in elevators accelerated, driven by demand for smarter building infrastructure and post-pandemic requirements for contactless and safe passenger experiences. Companies like Otis, KONE, Schindler, and Thyssenkrupp expanded their IoT portfolios with smart controllers, cloud dashboards, and mobile integration. Remote diagnostics became a standard offering, with service teams receiving automated alerts and status updates for proactive maintenance. Touchless call systems using mobile apps or voice commands were deployed in smart offices and luxury residential

buildings. Building managers used IoT data to optimize elevator traffic flow, reduce energy consumption, and identify usage trends. Additionally, integration with building management systems (BMS) and access control further enhanced elevator intelligence and security. The IoT in elevators will evolve into fully autonomous, AI-enhanced systems that adapt in real time to passenger behavior and building dynamics. Advanced analytics will predict mechanical failures and schedule service windows with minimal disruption. Elevator systems will integrate with AI-enabled digital twins of entire buildings for coordinated maintenance, fire safety protocols, and power optimization. Voice-activated controls, facial recognition, and smartphone-based authentication will become more widespread, improving user convenience and access management. As smart city initiatives expand, elevators will be part of the broader IoT ecosystem—interacting with HVAC, lighting, and occupancy systems to create seamless and sustainable building experiences. With these innovations, IoT in elevators will play a key role in transforming urban mobility and infrastructure efficiency.

Key Insights IoT In Elevators Market

OG Analysis highlights the rise of predictive maintenance in elevators, where IoT sensors track motor vibration, door cycles, and component wear to anticipate breakdowns and reduce unplanned service calls.

Touchless elevator controls are trending, allowing users to call and direct elevators using smartphones, voice commands, or facial recognition—enhancing hygiene and accessibility in public and private buildings.

According to OG Analysis, real-time data integration with building management systems (BMS) is gaining traction, enabling elevators to adjust operations based on occupancy, time of day, and energy optimization goals.

IoT-enabled traffic analysis is growing, with elevators using AI to adapt routes, minimize wait times, and distribute traffic efficiently across floors in high-occupancy environments.

Integration with digital twins is emerging, offering virtual simulation and remote monitoring of elevator systems for proactive diagnostics, load balancing, and lifecycle management.

OG Analysis identifies the demand for increased elevator uptime and reduced maintenance costs as a key driver, prompting property owners to adopt IoT

systems for proactive monitoring and remote diagnostics.

The rise of smart buildings and green construction initiatives is encouraging the integration of IoT into elevators to optimize energy consumption and support sustainability certifications, says OG Analysis.

OG Analysis notes that changing passenger expectations—around safety, personalization, and convenience—are accelerating the adoption of connected features like mobile access, destination control, and voice interfaces.

Urbanization and high-rise construction in emerging markets are driving demand for IoT-enhanced elevators that can scale with complex infrastructure and ensure performance reliability in high-traffic environments.

OG Analysis highlights cybersecurity as a growing concern, with connected elevator systems potentially vulnerable to breaches that could compromise safety, privacy, or building operations if not properly secured.

According to OG Analysis, retrofitting IoT solutions into older elevator systems presents integration and compatibility challenges, requiring costly hardware upgrades or middleware to enable connectivity.

IoT In Elevators Market Segmentation

By Component

Hardware

Software

Services

By Application

Preventive Maintenance

Remote Monitoring

Advanced Reporting

Connectivity Management

Other Applications

By End User

Residential

Commercial

Industrial

Key Companies Analysed

Hyundai Elevator Co. Ltd.

KONE Corporation

Otis Worldwide Corporation

Schindler Holding Ltd.

Mitsubishi Electric Corporation

Toshiba Elevator and Building Systems Corporation

Hitachi Ltd.

Huawei Technologies Co. Ltd.

Fujitec Co. Ltd.

Electra Ltd.

Liftinzicht BV

Gruppo Millepiani SPA

Cygnet Infotech Pvt. Ltd.

Doppler S.A.

Robustel

Robert Bosch GmbH

Honeywell International Inc.

Selcom Elevator

ThyssenKrupp AG

Carrier Global Corporation

Cisco Systems Inc.

Delta Controls Inc.

ALE International SAS

General Electric Company

United Technologies Corporation

International Business Machines Corporation

Johnson Controls International plc

LG Electronics Inc.

NEC Corporation

Panasonic Corporation

Siemens AG

Schneider Electric SE

lot In Elevators Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

lot In Elevators Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — lot In Elevators market data and outlook to 2034

United States

Canada

Mexico

Europe — lot In Elevators market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — lot In Elevators market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — lot In Elevators market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — lot In Elevators market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the lot In Elevators value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the lot In Elevators industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the lot In Elevators Market Report

Global lot In Elevators market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on lot In Elevators trade, costs, and supply chains

lot In Elevators market size, share, and outlook across 5 regions and 27 countries, 2023-2034

lot In Elevators market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term lot In Elevators market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and lot In Elevators supply chain analysis

lot In Elevators trade analysis, lot In Elevators market price analysis, and lot In Elevators supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest lot In Elevators market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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