

Internet Of Things In Warehouse Management Market Size, Share & Trends Analysis Report By Device, By Application, By Enterprise (SME, Large Enterprise), By End Use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Internet Of Things In Warehouse Management Market Growth & Trends

The global internet of things in warehouse management market size is anticipated to reach USD 17.93 billion by 2030, expanding at a CAGR of 8.3% from 2025 to 2030, according to a new report by Grand View Research, Inc. Increasing adoption of Goods-to-Person (GTP) technology in warehouses is expected to drive the growth.

Telematics plays a major role in developing innovative solutions for fleet management. The increasing use of fleet management services by transport operators is anticipated to propel the telematics market demand. The adoption of telematics systems is expected to aid companies in reducing their fuel expenses and number of empty runs.

IoT gateways provide secured channels to transmit data. The gateways operate as platforms for applications that process data. IoT also performs functions such as protocol translation, device connectivity, security, updating, and data filtering. The growing penetration of cloud-based platforms is likely to positively impact the market demand over the projected period.

The EDI solution is expected to portray high growth rate over the forecast period, owing to the increasing need for data accuracy at the customer end. The implementation of EDI is likely to reduce human errors and provide real-time information to the customer. The growing usage of mobile applications coupled with the increasing proliferation of the embedded sensor technology is anticipated to further propel the industry demand.

Internet Of Things In Warehouse Management Market Report Highlights

The IoT sensing devices segment in IoT in warehouse management industry accounted for a significant revenue share in 2024 and the IoT connecting gateways segment is expected to grow at the highest CAGR over the forecast period

The widespread adoption of pallet/item level tagging is expected to drive the smart inventory management solution

Sensing devices are anticipated to dominate the market in terms of revenue over the forecast period, owing to the increasing adoption of sensors across various applications

Asia Pacific IoT in warehouse management market is expected to grow at the highest CAGR of 11.4% over the forecast period

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