

Enterprise Mobility in Manufacturing - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Enterprise Mobility in Manufacturing Market is expected to register a CAGR of 22.19% during the forecast period.

Key Highlights

- Due to the demand for business process improvement, the manufacturing sector has increasingly implemented Enterprise Mobility solutions that allow manufacturers to raise their productivity and quality. Mobile technology is being used in industrial processes, transforming the industry because mobility is a crucial factor in this development.
- Mobile apps are being utilized in the manufacturing sector as a marketing tool to broaden the company's customer base and custom enterprise apps to improve internal processes and staff communication. These programs contribute to higher production, cost-cutting, efficiency improvement, and customer service. The last two decades have seen remarkable growth in worldwide digital connection, which has reached new dimensions every year.
- Further, the Industrial Internet of Things (IIoT) has accelerated enterprise mobility use cases in the manufacturing sector. IIoT devices automatically handle warehouses, inventory, and development cycle monitoring. The IIoT offers its users uncompromised levels of efficiency and performance with the aid of technologies like Machine-to-Machine (M2M) connectivity, industrial Big Data analytics, and cybersecurity. As a result, this is altering how individuals interact and conduct themselves in a manufacturing setting.
- However, all mobile channels must have the proper authentication in place, and appropriate levels of corporate network governance must be in place. In some circumstances, it will also require the maintenance of various user identities. Data leakage must be avoided by securing enterprise apps when utilizing personal devices. As a result, a security vulnerability limits market expansion.
- Employers were compelled to give their staff members access to remote work opportunities to conduct business away from the corporate infrastructure concerning the global transmission of COVID-19. Many companies have also created a BYOD scheme that

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permits staff to use their own devices for work amid this pandemic crisis to maintain company continuity. Companies who use a remote workforce may be ensured their workers have access to company resources while working from home and the necessary equipment to be efficient. These elements encouraged big businesses to use enterprise mobility management tools in the manufacturing sector.

Enterprise Mobility in Manufacturing Market Trends

Industrial Internet of Things (IIoT) has Accelerated the Use-cases in the Market

- The manufacturing sector has entered the fourth industrial revolution, making the deployment of IoT-enabled corporate mobility more of a requirement than a choice. The linked mobile device aids producers in collecting and analyzing data across equipment, enabling flexible and efficient processes to produce high-quality products at reasonable prices.
- Further, Industrial IoT devices may alert factory technicians about downtime, breakdowns, unforeseen anomalies, etc., which can boost throughput by lowering machine downtime. Such benefits offered by IIoT devices in the manufacturing sector may drive market growth in the forecast period.
- Moreover, IoT-powered customized mobility solutions for enterprises may help business owners monitor and manage operations on and off the ground. These solutions can also optimize various processes to raise output and efficiency. Meeting deadlines can also benefit from increased productivity.
- Furthermore, autonomous robot usage is anticipated to increase IIoT significantly over the next five years, especially in supply chain activities that include low-value, potentially hazardous, or high-risk duties. For instance, manufacturing, final assembly, and warehousing are already heavily reliant on autonomous robots. Autonomous robots will probably continue to expand in these supply chain sectors in the future, freeing up human labor for more strategic, risk-free, and valuable jobs.
- For instance, according to IFR, industrial robots in China were recorded to be around 243,530 units last year, a 44.95% rise in the installations compared to the previous year. The significant increase in industrial robots could drive the IIoT growth, thereby responsible for the market growth.

Asia-Pacific to Witness the Significant Growth Rates

- The need for BYOD & business mobility solutions and services throughout the region is being further driven by the increased acceptance of technologically sophisticated solutions like artificial intelligence, big data, etc., along with the adoption of cloud infrastructure across various Asia-Pacific countries.
- The usage of mobile technologies, such as IoT and mobile devices, in manufacturing processes across organizations has increased as a result of Industry 4.0. Companies deploy sophisticated apps in addition to keeping an eye on supply and demand for the created goods. As a result, they can close the supply-demand imbalance while also cutting costs and increasing efficiency. They can assess the industrial application with the aid of the EMM software and guarantee that the resources they have gathered are accessible.
- Additionally, it is expected that in the upcoming years, the Asia-Pacific BYOD & business mobility market will increase due to growing IT investment across various industries and numerous government programs, including digitalization, smart cities, and smart nations.
- The COVID-19 epidemic has impacted numerous regional industry sectors. Manufacturing enterprises in the region are anticipated to boost demand for new enterprise mobility technologies in order to support the work-from-home trend and guarantee optimum company outputs. The rapid expansion of the e-commerce industry and digitalization across the retail sector would fuel market growth. Furthermore, the supply chain's productivity is being increased by businesses employing corporate

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mobility solutions.

Enterprise Mobility in Manufacturing Industry Overview

The Enterprise Mobility in Manufacturing Market is fragmented, with most players providing enterprise mobility solutions across all sectors, including manufacturing. Vendors are releasing the latest versions of mobility software to keep up with the latest technological developments, such as Industry 4.0. Some significant players in the market include Blackberry Limited, Cisco Systems, Inc., Citrix Systems, Inc., Microsoft Corporation, McAfee, LLC, etc.

In January 2023, Crave-InfoTech, a global provider of software and technology services, announced cMaintenance, a new product driven by the SAP Business Technology Platform (BTP). This product is suitable for bringing Industry 4.0, Process Automation, Enterprise Mobility, and Predictive Maintenance to the manufacturing sector. It is cross-platform, works online or offline, and is compatible with Windows, Apple iOS, and Android.

In September 2022, Tata Consultancy Services introduced TCS Mobility Cloud Suite, a comprehensive toolkit of cloud-enabled software that will assist automotive suppliers and manufacturers in adjusting to the swift changes in their market and accelerating the growth of their ecosystems. The traditional divisions within the industry are becoming more ambiguous as a result of the development of digital technologies, rising consumer expectations, and the electrification of vehicles, not to mention the ongoing disruptions to the supply chain and the need for sustainability, which are requiring automakers and suppliers to change how they collaborate to hasten the automotive enterprise transformation.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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