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Field Device Management Market Size, Share & Trends Analysis Report By Offering (Hardware, Software), By Deployment (On-premise, Cloud), By Industry, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

This report can be delivered to the clients within 3 Business Days

Field Device Management Market Growth & Trends

The global field device management market size is estimated treach USD 2.70 billion by 2030, registering a CAGR of 6.8% from 2025 t2030, according ta new report by Grand View Research, Inc. Field device management allows the user tconfigure, commission, maintain, and diagnose the field devices remotely with a secure and user-friendly centralized access. It helps in providing all the information and real-time status of the concerned equipment and eliminates the need for multiple software tools. Due tits centralized equipment procurement with improved security, it is highly demanded in the development of industry 4.0 and smart factories. With the emergence of IoT and digitalization, the development of industry 4.0 has been boosted significantly, which directly fuels the growth of the market.

With the increasing awareness for industry 4.0, field device management has become an essential segment considerably since it helps timprove the lifecycle management and multi-platform support. In addition, it provides wireless expense management, which reduces operational and maintenance costs. With the surge in industrial automation and smart factories, FDM is being adopted rapidly in mobile equipment management solutions. It provides centralized control and monitoring of the device fleet in a warehouse environment or any distribution center, which is one of the major factors influencing the market’s growth in the world of distributed systems.

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Since FDM lays the foundation for deployment and management of mobile equipment and applications remotely, it provides business mobility tthe organizations tdrive high productivity. The required automation efficiency fuels the demand for FDM in automation tasks, which include automated cost management and invoicing, installation of a large CNC machine, among many other tasks. The increasing investments for IIoT solutions development by automation companies have come up with an opportunity for the market tgrow effectively. The manufacturers' focus shift towards reducing the operational and maintenance costs along with providing highly effective mobile device management solutions is driving the market's growth directly.

Field Device Management Market Report Highlights

Considerable surge in industry 4.0 and smart factories development will create wide potential for manufacturers in the market

Based on offering, the hardware segment held the largest revenue share of 62.7% in 2024 and is expected tmaintain its position in the coming years

In 2024, the on-premise segment accounted for a larger revenue share in the global market.

By industry, the process industry segment accounted for the largest revenue share in 2024 and is further expected tadvance at the fastest CAGR during the forecast period.

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