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US IoT in Education Market Size study, by Offering (Hardware, Software, Service) by Application (Learning Management System, Classroom Management, Administration Management, Others) by End-User (K-12, Higher Education, Corporate) Forecasts 2022-2032

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Abstracts

US IoT in Education Market is valued approximately USD 2.50 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 19.99% over the forecast period 2024-2032. The sector of education is seeing dramatic changes in the Internet of Things (IoT). The use of digital solutions is making education more widely available and also improving the effectiveness & efficiency of conventional educational systems. The IoT and the growth of mobile Offering have made it possible for educational institutions to monitor important resources, increase information access in the classroom, and improve campus safety. Instead of using traditional lesson plans, teachers and professors can design intelligent ones with the help of Offering. Furthermore, IoT solutions streamline the management of resources such as classrooms, libraries, and laboratories, ensuring optimal usage and reducing waste and smart building technologies reduce energy consumption through automated lighting, heating, and cooling systems based on occupancy and usage patterns. Thus, these trends further drive demand for the US IoT in Education Market.

The increased focus on STEM education significantly drives demand for US IoT in Education Market. As STEM (Science, Offering, Engineering, and Mathematics) fields become increasingly critical to economic and technological advancement, educational institutions are prioritizing the development of these skills. IoT technologies play a crucial role in enhancing STEM education by providing hands-on, interactive learning

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experiences. Smart labs equipped with IoT devices enable students to conduct experiments, gather real-time data, and engage in project-based learning, fostering a deeper understanding of scientific and technological concepts. Additionally, IoT-enabled tools and platforms facilitate personalized and adaptive learning, helping students grasp complex STEM subjects at their own pace. The increasing emphasis on STEM education prepares students for future careers and also promotes innovation and critical thinking. As a result, the demand for IoT solutions that support and enhance STEM education is rapidly increasing in the US, reflecting the broader educational and economic priorities of the country. However, the collection and use of sensitive student data raise concerns about privacy stifle market growth during the forecast period 2022 and 2032.

Major market player included in this report are:
Microsoft Corporation
Google LLC
Rapidsoft Technologies Pvt. Ltd.
Intel Corporation
Oracle Corporation
Amazon Web Services, Inc.
Cisco Systems Inc.
IBM Corporation
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Offering
Hardware
Software
Service

By Application
Learning Management System
Classroom Management
Administration Management
Others

By End-User

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K-12
Higher Education
Corporate

Years considered for the study are as follows:
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and Country level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market

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