

Quality Management Software Market to Reach USD 24.0 Billion by 2032, Driven by Demand for Efficient Process Control

Rising need to streamline operations, enhance quality, and meet standards drives demand for Quality Management Software in the digital age.

AUSTIN, TX, UNITED STATES, December 19, 2024 /EINPresswire.com/ -- The SNS Insider report indicates that the [Quality Management Software Market](#) size was valued at USD 9.6 billion in 2023 and is expected to grow to USD 24.0 billion by 2032, growing at a CAGR of 10.70% over the forecast period of 2024-2032.



The increasing adoption of automation, digital transformation initiatives, and stringent regulatory frameworks across industries is boosting the Quality Management Software Market. QMS solutions help to keep compliance in check, which is one of the reasons businesses are adopting QMS. These tools can help observe processes, analyze the data, and perform corrective action for improved quality and efficiency of the production line. High growth in process optimization and quality assurance across industries such as manufacturing, healthcare, and automotive is one of the major factors driving the market. With companies under a mandate to cut costs and increase productivity, the need for more sophisticated software with the capability to take on complicated quality management jobs is rising. As a result, QMS systems are a necessity for organizations that are expanding operations globally, given that QMS solutions also offer scalability.

In addition, innovation in artificial intelligence (AI), machine learning (ML), and data analytics is changing how modern QMS solutions are used. These developments enable the automation of repetitive processes, real-time monitoring of quality parameters, and predictive analytics, all of which can aid in maintaining optimal product quality and reducing risks and defects.

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Segmentation Analysis

By Deployment

The on-premise segment dominated the market and represented a significant revenue share of 53.1% in 2023. There is a rising demand for on-premise software, and a few companies switching from manual systems to automated systems. QMS on-premise allows the freedom to design the software based on client business needs. Organizations whose top priority is high data protection tend to deploy on-premise QMS to reduce the risk arising from the loss of sensitive information and critical organizational data. Increasing use of on-premise quality management software among end-users due to high data security.

The cloud segment is estimated to witness the highest CAGR of 11.8% during the forecast period. The high adoption of cloud-based QMS is attributed to features such as flexibility and mobility. Moreover, cloud deployment also eliminates the need for end-users to buy dedicated devices further reducing costs. A cloud-based QMS refers to those which are hosted on the cloud and accessed through a web browser. In cloud-based deployment, all the system upgrades are handled by the vendor itself. From an end-user perspective, data can be easily accessed remotely and anywhere. This functionality is pushing the demand for cloud-based quality management software in the market. One of the inherent benefits of cloud solutions is their scalable nature, enabling organizations to scale resources in and out according to demand. Cloud-based digital quality management systems are scalable and can adapt to the changing requirements of the organization.

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By Solution

- Document Control
- Non-conformances/Corrective & Preventative
- Complaint Handling
- Employee Training
- Quality Inspections (PPAP & FAI)
- Audit Management
- Supplier Quality Management
- Calibration Management
- Change Management
- Mobile Incidents and Event Reporting

By Deployment

- Cloud
- On-premise

By Enterprise Size

□ Small & Medium Enterprise (SME)

□ Large Enterprise

By End-Use

□ IT & Telecom

□ Life Sciences

□ Transportation & Logistics

□ Consumer Goods & Retail

□ Food & Beverage

□ Defense & Aerospace

□ Manufacturing & Heavy Industry

□ Utilities

□ Government

□ Healthcare

□ Others

Regional Landscape

North America dominated the market and represented a significant revenue share of 41.3% in 2023. Compliance-based products and services are increasingly in demand by the medical and hospital associations here in North America. In the U.S., QMS is routinely used by a variety of different healthcare programs and organizations including but not limited to, home care organizations, nursing homes, and ambulatory care providers. Additionally, the increase in new launches from the providers of quality management software is further contributing to the growing demand of the segment market in the region.

Europe's quality management software market is projected to value a market size of USD 2.64 Billion in 2023. The growth of enterprises, growing investments in digital transformation such as the Industry 4.0 market, process automation tools such as artificial intelligence and machine learning are anticipated to fuel the growth of quality management software across Europe to automate processes and reduce variations and increase quality and safety.

Recent Developments

March 2024: Intellect QMS has launched an enhanced version of its software that incorporates artificial intelligence (AI) and machine learning (ML) for predictive analytics. This integration aims to improve quality control processes by predicting potential quality issues before they arise, allowing for more proactive management. The new features also streamline CAPA (Corrective and Preventive Action) workflows and offer better audit management capabilities.

January 2024: TrackWise, a global leader in quality management solutions for industries such as pharmaceuticals and biotechnology, introduced an upgraded version with expanded risk management features. This new version aims to improve decision-making by providing deeper insights into risk factors and trends within quality management processes. It also supports enhanced reporting tools to comply with rigorous regulatory standards, which is essential for

industries that demand detailed quality tracking

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