

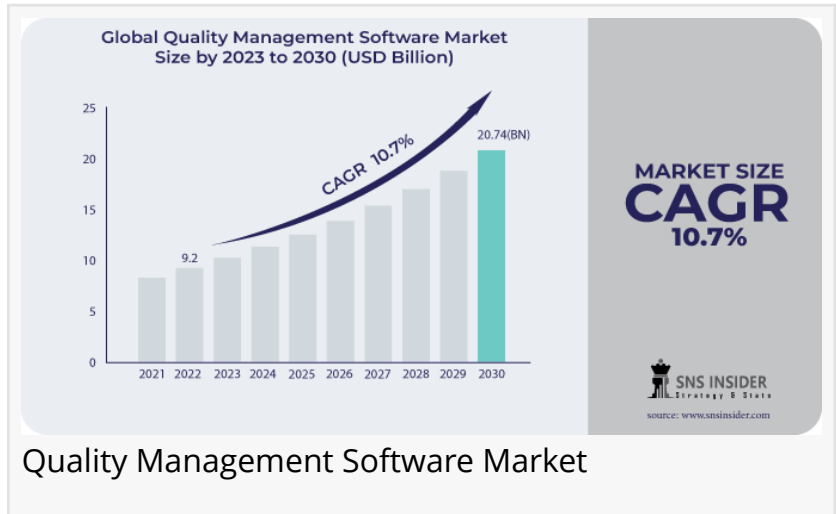
# Quality Management Software Market to Surpass USD 20.74 Billion by 2030 | A surge in technological advancements

*Quality Management Software Market was valued at USD 9.2 billion in 2022 and is predicted to expand to USD 20.74 billion by 2030, growing at a CAGR of 10.7 %*

AUSTIN, TEXAS, UNITED STATES,  
January 19, 2024 /EINPresswire.com/ --  
Enabling Seamless Operations with  
Quality Management Software

The SNS Insider report indicates that the [Quality Management Software Market](#) size was valued at USD 9.2 billion in 2022 and is expected to grow to USD 20.74 billion by 2030, boasting a CAGR of 10.7% over the forecast period of 2023-2030.

The Quality Management Software (QMS) Market presents a comprehensive scope, covering various industries such as IT and telecom, transportation, consumer goods, defense, aerospace, manufacturing, and healthcare. QMS, a vital component for highly regulated organizations and those adhering to ISO quality standards integrates diverse business processes into a unified platform. This encompasses audit management, document control, non-conformance management, environmental health and safety, training management, and supplier quality management. As enterprises and project managers prioritize the implementation of quality standards, the demand for QMS solutions is accelerating. The scope also extends to different solution segments, including complaint-handling, deployment modes such as on-premise and cloud, and caters to the requirements of large enterprises as well as small and medium enterprises. The market's growth trajectory is further influenced by technological advancements, emphasizing the need for businesses to enhance operational efficacy through effective quality management practices.



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## Prominent Players:

- Oracle Corporation
- Cority Software Inc.
- Veeva Systems
- Dassault Systemes SE
- Arena Solutions Inc.
- EtQ Management Consultants Inc.
- Intellex Technologies
- SAP SE
- MasterControl Inc.
- MetricStream Inc.
- Microsoft Corporation
- Pilgrim Quality Solution
- Plex Systems Inc.
- Ideagen Plc.
- Sparta Systems Inc.
- UniPoint Software Inc.
- Siemens AG

## Market Analysis :

The Quality Management Software Market is propelled by the increasing demand for streamlined business processes and the integration of smart technologies like IoT and IIoT. The Six Sigma approach in quality management software (QMS) creates new growth avenues, and rising competition intensifies the adoption of automated systems. Notably, technological advancements, including industry 4.0, cloud, and big data, enhance the capabilities of QMS. Industries such as manufacturing, automotive, life sciences, and IT & telecom are swiftly embracing quality management software to ensure adherence to standards. The market is forecasted to witness significant growth, driven by the need to meet consumer expectations and ensure product quality.

## Segments Analysis:

- By Solution: The complaint-handling segment leads in revenue share, as effective management addresses changing consumer behavior and rising demands for customized solutions.
- By Deployment: On-premise deployment dominates, driven by the increasing transition from manual to automated systems, with emphasis on data security. Cloud deployment, exhibiting the highest CAGR, is favored for flexibility, mobility, and cost savings.
- By Enterprise Size: Large enterprises hold the largest revenue share, emphasizing cost-effectiveness and consolidated resources. SMEs, focused on cost efficiency, are anticipated to witness the fastest CAGR, leveraging QMS to streamline processes.

## Key Market Segmentation

### By Solution

- Document Control
- Non-Conformances/Corrective & Preventative
- Complaint Handling
- Employee Training
- Audit Management
- Supplier Quality Management
- Calibration Management
- Change Management
- Others

### By Enterprise Size

- Small and Medium Enterprise (SME)
- Large Enterprise

### By Deployment

- Cloud
- On-premise

### By End Use

- IT and Telecom
- Transportation and Logistics
- Consumer Goods and Retail
- Defense and Aerospace
- Manufacturing
- Healthcare
- Other

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### Regional Development :

North America leads with a share of over 39.5%, driven by the compliance requirements in healthcare and various organizations, particularly in the United States. The Asia Pacific region is set to be the fastest-growing market, fueled by the COVID-19 pandemic prioritizing pharmaceutical manufacturing and logistics, creating a surge in demand for QMS solutions.

## Key Takeaways for Quality Management Software Market Study

- **Technological Advancements:** Continuous innovation in IT and Telecom drives market growth.
- **Global Adoption:** QMS solutions find widespread acceptance across diverse industries.
- **Market Dynamics:** Increasing demand for streamlined processes and compliance boosts market expansion.
- **Regional Dynamics:** North America leads, while Asia Pacific emerges as the fastest-growing market.

## Recent Developments

- In March 2021, Siemens Ltd, the flagship listed company of Germany's Siemens AG, made its largest purchase in India, acquiring Indian electrical and electronic equipment maker C&S Electric Ltd for 2100 crores.
- In February 2021, Carnegie signed a Collaboration Agreement with Hewlett Packard Enterprise Company (HPE) for a project to develop a reinforcement learning-based controller for the CETO wave energy technology.

## Quality Management Software (QMS) Market: Challenges and Opportunities

### Challenges:

- **Implementation Complexity:** Implementing QMS software can be complex, especially in large organizations with diverse processes, requiring thorough customization and integration with existing systems.
- **User Training and Adoption:** Ensuring that users across the organization are adequately trained and adopt the QMS software is a challenge, as resistance to change and insufficient training may hinder effective utilization.
- **Regulatory Compliance:** Adhering to evolving quality standards and regulatory requirements, such as ISO standards and industry-specific regulations, poses challenges for QMS providers and users alike.
- **Data Security and Privacy:** Managing sensitive quality-related data requires robust data security measures to protect against breaches and unauthorized access, addressing concerns related to data privacy and integrity.

### Opportunities:

- **AI and Automation Integration:** Integrating artificial intelligence and automation into QMS solutions offers opportunities for predictive quality analytics, automated compliance checks, and streamlined quality processes.
- **Cloud-Based QMS Solutions:** Adoption of cloud-based QMS solutions provides opportunities for increased accessibility, scalability, and collaboration, especially in distributed and globalized business environments.

- Supplier Quality Management: Enhancing supplier quality management capabilities within QMS solutions offers opportunities for end-to-end visibility and control over the entire supply chain.
- Continuous Improvement Initiatives: QMS solutions can support continuous improvement initiatives by providing tools for real-time monitoring, analysis of quality metrics, and feedback loops for process optimization.

Successfully navigating these challenges and capitalizing on opportunities in the Quality Management Software market requires a focus on innovation, regulatory compliance, and addressing the specific needs of different industries and organizational structures.

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