

Global Quality and Lifecycle Management Software Market Size Study & Forecast, by Deployment Type, Organization Size, Industry Vertical, Quality Management Type, and Regional Forecasts 2025-2035

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Abstracts

The Global Quality and Lifecycle Management Software Market is valued at approximately USD 153.79 billion in 2024 and is anticipated to expand at a stellar compound annual growth rate (CAGR) of 19.42% over the forecast period 2025–2035. As businesses across the globe embrace digital transformation to streamline operations and ensure regulatory compliance, quality and lifecycle management (QLM) software emerges as a critical enabler. It orchestrates multiple facets of product lifecycle—from ideation to decommissioning—ensuring that every component, process, and regulation is aligned with corporate and industry standards. Increasing demands for efficiency, reduced time-to-market, real-time data insights, and seamless collaboration across the product lifecycle are propelling market growth.

Driving this rapid evolution is the heightened need for software solutions that can effectively manage testing, requirements tracking, risk management, and defect resolution across complex digital environments. Organizations are moving away from siloed quality systems and adopting integrated cloud-based QLM platforms that offer scalability and interoperability across departments. Moreover, the emergence of AI-driven analytics, automation, and DevOps practices have transformed traditional software testing and lifecycle approaches. This wave of technological innovation enables businesses to reduce operational risk, enhance product reliability, and accelerate delivery cycles—further embedding QLM solutions into the DNA of enterprise infrastructure.

Regionally, North America continues to dominate the QLM software market due to

strong digital adoption across industries, a mature IT ecosystem, and the presence of leading software vendors. The region's focus on regulatory compliance and customer satisfaction has fueled extensive adoption of end-to-end QLM platforms. Europe, on the other hand, showcases significant momentum, particularly in manufacturing and healthcare sectors, driven by the EU's emphasis on quality and sustainability. Meanwhile, Asia Pacific is poised for the fastest growth, backed by industrial digitization in China and India, expanding tech hubs, and a burgeoning SME landscape increasingly relying on cloud-first solutions. Local governments' initiatives to modernize manufacturing and enhance export quality standards are further augmenting software investments in the region.

Major market players included in this report are:

Siemens AG

IBM Corporation

Dassault Systèmes SE

Oracle Corporation

SAP SE

Autodesk Inc.

Arena Solutions Inc.

PTC Inc.

Micro Focus International PLC

HP Development Company, L.P.

ANSYS, Inc.

MasterControl Inc.

Sparta Systems, Inc.

Intland Software GmbH

Aras Corporation

Global Quality and Lifecycle Management Software Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

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

By Deployment Type:

On-Premises

Cloud

By Organization Size:

Small and Medium-Sized Enterprises (SMEs)

Large Enterprises

By Industry Vertical:

IT and Telecom

Manufacturing

Healthcare

Retail

BFSI

By Quality Management Type:

Test Management

Defect Tracking

Requirements Management

Configuration Management

Risk Management

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional 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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