

Global Software Quality Assurance Market Size study, by Deployment (Cloud, On-premise), by Organization (Small scale, Large scale), by Vertical (IT, Telecom, Consumer goods, Defense, Aerospace, Manufacturing, Retail), and Regional Forecasts 2022-2032

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Abstracts

Global Software Quality Assurance Market is valued approximately at USD 11.47 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.97% over the forecast period 2024-2032. Quality assurance in the software industry involves monitoring engineering processes and their quality. Various methods are used to test the quality of software, ensuring compliance with standards that guarantee the reliability and effectiveness of software products. This process encompasses design tests, source code control, code reviews, configuration management, product integration, and release management. Better services and quality product sales are some of the benefits through the software quality assurance market. The increasing complexity of software requires extensive testing, and poor-quality software can disrupt the operations of enterprises. Moreover, the demand for software quality assurance is surging across various industries, particularly in telecommunications. Quality assurance ensures reliability, performance, and efficiency, which are critical in preventing potential damages or errors.

Technological advancements present significant growth opportunities in the software quality assurance market. The demand for quality assurance is rising across various software industries, leading to the development of advanced technologies that facilitate quick, reliable, and safe quality assurance tests. The market is expected to witness an expansion in services and product launches, driven by the increasing demand from

telecommunications, IT, and consumer electronics sectors. The rising incidence of software errors has further fueled investment in software quality assurance, driving market growth. However, data security issues pose a major restraint to the software quality assurance market. During software testing, sensitive data is accessed, leading to potential data leaks and security breaches. Additionally, the lack of awareness about quality assurance in certain regions can hinder market growth. The challenge of managing changes in software due to quality assurance and the lack of technical expertise in many enterprises further impede market growth.

The key region in the Software Quality Assurance Market includes North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. In 2023, North America dominates software quality assurance market in terms of revenue, driven by early adoption and significant investments. The region's demand for quality assurance is surging due to the need for operational efficiency and reduced operational costs. The Asia Pacific region expected to grow at a highest CAGR during the forecast period 2024-2032. Europe shows a high expansion rate, with rising penetration of software quality assurance in IT companies.

Major market players included in this report are:

A1QA

Sparta Systems

Digital Dream Forge

Performance Lab

Lighthouse Technologies

QA Consultants

Cognizant

Oracle Corporation

Microsoft

Siemens

Verse Solutions

IBM Corporation

Capgemini

Infosys

TCS

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

By Deployment:

Cloud

On-premise

By Organization:

Small scale

Large scale

By Vertical:

IT

Telecom

Consumer goods

Defense

Aerospace

Manufacturing

Retail

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 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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