

Testing, Inspection, and Certification (TIC) Market by Service Type (Testing, Inspection, Certification), Source (In-house, Outsourced), Application (Consumer Goods & Retail, Agriculture & Food, Chemical, Energy & Power) - Global Forecast to 2030

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Report description:

With a CAGR of 3.4%, the worldwide TIC market is expected to rise from USD 239.48 billion in 2025 to USD 282.76 billion by 2030. Strict government and industry regulations in the automotive, healthcare, and manufacturing industries are the major factors driving the growth in the Testing, Inspection, and Certification (TIC) market. These regulations are aimed at protecting public safety, product quality, and compliance with environmental and trade standards. In the automotive industry, new trends like electric vehicles and ADAS systems have increased the stringent need for testing. Healthcare is also dependent on TIC services to fulfill the safety requirements of medical devices and pharmaceuticals, whereas manufacturing is more concerned with quality control and sustainability. Thus, as compliance issues increase, companies are prone to seek TIC services in order to build customers' confidence meet international standards, and compete in the market.

"Testing services to maintain largest market share during the forecast period"

The growing need for accurate product assessments to meet regulatory standards and consumer expectations is driving the dominance of testing services across various industries such as automotive, healthcare, food, and electronics. Testing is essential for businesses trying to comply with international and regional regulations while ensuring the reliability, safety, and quality of products before they hit the market. Coupled with advancing technology and the increasing complexity of supply chains, demand for specialized and automated testing services has been further fueled. Because of stricter compliance requirements and heightened consumer concern over safety and quality, testing services should be a key contributor to product integrity and market competitiveness and, therefore, to their leadership in the TIC industry.

"Agriculture & Food application accounted to have significant market share during the forecast period in the TIC market"

This growth is being driven by growing regulatory requirements for food safety, stringent quality standards, and rising consumer demand for assured, safe, and quality-proven certified products. The need for real-time monitoring and testing of agricultural products and services and adherence to international export standards also further propel demand for TIC services. Moreover, the increasing trend towards sustainable agricultural practices and processed food safety boosts the role of inspection and certification. These factors thus play a pivotal role in TIC services in the agriculture and food sectors.

"China to lead TIC market growth in Asia Pacific, driven by industrialization and strict quality regulations"

China will lead the Testing, Inspection, and Certification (TIC) market in Asia Pacific. The manufacturing sector is booming, and the country needs strict quality and safety assessments to satisfy both domestic and international standards. Also, as a global trade leader, in order to meet export requirements, China has forced the issue of certifications. Consumer awareness of product safety and quality is increasing rapidly, and businesses are, therefore, heavily investing in TIC services. These factors, in conjunction, make China a significant growth engine in the region's growing TIC market landscape.

Breakdown of primaries

A variety of executives from key organizations operating in the testing, inspection, and certification (TIC) market were interviewed in-depth, including CEOs, marketing directors, and innovation and technology directors.

- By Company Type: Tier 1 30%, Tier 2 50%, and Tier 3 20%
- By Designation: C-level Executives 25%, Directors 30%, and Others 40%
- By Region: North America 35%, Europe 30%, Asia Pacific 25%, and RoW 10%

The testing, inspection, and certification market is dominated by a few globally established players such as SGS (Switzerland), Bureau Veritas (France), Intertek Group plc (UK), DEKRA (Germany), Eurofins Scientific (Luxembourg), DNV GL (Norway), Applus+ (Spain), TUV Rheinland (Germany), TUV Nord Group (Germany), TUV SUD (Germany), UL LLC (US), Element Materials Technology (UK), ALS (Australia), MISTRAS Group (US), and Lloyd's Register Group Services Limited (UK). The study includes an in-depth competitive analysis of these key players in the testing, inspection, and certification (TIC) market, with their company profiles, recent developments, and key market strategies.

Study Coverage

The report segments the testing, inspection, and certification (TIC) market and forecasts its size by service type, by source, application, and region. The report also discusses the drivers, restraints, opportunities, and challenges pertaining to the market. It gives a detailed view of the market across four main regions-North America, Europe, Asia Pacific, and RoW. Supply chain analysis has been included in the report, along with the key players and their competitive analysis in the testing, inspection, and certification (TIC) ecosystem.

Key Benefits of Buying the Report

- Analysis of key drivers (Stringent guidelines to maintain product quality, Rising adoption of connected technologies to improve manufacturing, Expansion of consumer markets in developing countries, and Rise of counterfeit and fraudulent products), restraints (Lack of uniformity in global TIC standards, and High cost of TIC services due to varying standards and regulations across geographies), opportunities (Emphasis on achieving net-zero emissions, and Implementation of Industry 4.0), and challenge (Disrupted supply chains due to geopolitical tensions) influencing the growth of the testing, inspection, and certification (TIC) market.
- Solution/Service Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new solution/service launches in the TIC market.
- Market Development: Comprehensive information about lucrative markets the report analyses the testing, inspection, and certification (TIC) market across varied regions.
- Market Diversification: Exhaustive information about new solutions/services, untapped geographies, recent developments, and

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investments in the TIC market.

- Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like SGS (Switzerland), Bureau Veritas (France), Intertek Group plc (UK), TUV Rheinland (Germany), TUV SUD (Germany), among others.

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