

3D scanning Market Size, Share, and Outlook, 2025 Report- By Type (Optical Scanner, Laser Scanner, Structured Light Scanner), By Application (Entertainment & Media, Aerospace & Defense, Healthcare, Civil & Architecture, Industrial Manufacturing, Others), By Service (Reverse Engineering, Quality Inspection, Rapid Prototyping, Face Body Scanning), By Range (Short Range Scanner, Medium Range Scanner, Long Range Scanner), 2018-2032

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Abstracts

3D scanning Market Outlook

The 3D scanning Market size is expected to register a growth rate of 9.3% during the forecast period from \$4.45 Billion in 2025 to \$8.3 Billion in 2032. The 3D scanning market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on 3D scanning segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Optical Scanner, Laser Scanner, Structured Light Scanner), By Application (Entertainment & Media, Aerospace & Defense, Healthcare, Civil & Architecture, Industrial Manufacturing, Others), By Service (Reverse Engineering, Quality Inspection, Rapid Prototyping, Face Body Scanning), By Range (Short Range Scanner, Medium Range Scanner, Long Range Scanner). Over 70 tables and charts

showcase findings from our latest survey report on 3D scanning markets.

3D scanning Market Insights, 2025

The 3D scanning market is experiencing rapid expansion due to its critical role in digital twin technology, reverse engineering, and medical imaging. Key players such as Artec 3D, Creaform, and Shining 3D are pushing the boundaries with high-resolution structured light, laser, and photogrammetry-based scanners. The automotive and aerospace industries utilize 3D scanning for precise quality inspection and prototyping, reducing production errors and improving efficiency. In healthcare, 3D scanning is transforming orthopedic applications by enabling custom prosthetics and dental restorations. The increasing adoption of handheld and mobile 3D scanners is further broadening the market, allowing on-site scanning capabilities for construction, heritage preservation, and forensic investigations. As AI-driven processing enhances scan accuracy and automation, the market is poised for continued growth across various sectors.

Five Trends that will define global 3D scanning market in 2025 and Beyond

A closer look at the multi-million market for 3D scanning identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading 3D scanning companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of 3D scanning vendors.

What are the biggest opportunities for growth in the 3D scanning industry?

The 3D scanning sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

3D scanning Market Segment Insights

The 3D scanning industry presents strong offers across categories. The analytical report offers forecasts of 3D scanning industry performance across segments and countries. Key segments in the industry include%li%By Type (Optical Scanner, Laser Scanner, Structured Light Scanner), By Application (Entertainment & Media, Aerospace & Defense, Healthcare, Civil & Architecture, Industrial Manufacturing, Others), By Service (Reverse Engineering, Quality Inspection, Rapid Prototyping, Face Body Scanning), By Range (Short Range Scanner, Medium Range Scanner, Long Range Scanner). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, 3D scanning market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global 3D scanning industry ecosystem. It assists decision-makers in evaluating global 3D scanning market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the 3D scanning industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific 3D scanning Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe 3D scanning Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for 3D scanning with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key 3D scanning market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US 3D scanning market Insights%li%Vendors are exploring new opportunities within the US 3D scanning industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US 3D scanning companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American 3D scanning market.

Latin American 3D scanning market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa 3D scanning Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African 3D scanning markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern 3D scanning markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How 3D scanning companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include 3D Digital Corp, 3D Systems Inc, AMETEK Inc, Autodesk Inc, Direct Dimensions Inc, Faro Technologies Inc, GOM GmbH, Konica Minolta Inc, Maptek Pty Ltd, ShapeGrabber.

3D scanning Market Segmentation

By Type

Optical Scanner

Laser Scanner

Structured Light Scanner

By Application

Entertainment & Media

Aerospace & Defense

Healthcare

Civil & Architecture

Industrial Manufacturing

Others

By Service

Reverse Engineering

Quality Inspection

Rapid Prototyping

Face Body Scanning

By Range

Short Range Scanner

Medium Range Scanner

Long Range Scanner

Leading Companies

3D Digital Corp

3D Systems Inc

AMETEK Inc

Autodesk Inc

Direct Dimensions Inc

Faro Technologies Inc

GOM GmbH

Konica Minolta Inc

Maptek Pty Ltd

ShapeGrabber

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Type

Optical Scanner

Laser Scanner

Structured Light Scanner

By Application

Entertainment & Media

Aerospace & Defense

Healthcare

Civil & Architecture

Industrial Manufacturing

Others

By Service

Reverse Engineering

Quality Inspection

Rapid Prototyping

Face Body Scanning

By Range

Short Range Scanner

Medium Range Scanner

Long Range Scanner

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3D DIGITAL CORP

3D SYSTEMS INC

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Autodesk Inc

Direct Dimensions Inc

Faro Technologies Inc

GOM GmbH

Konica Minolta Inc

Maptek Pty Ltd

ShapeGrabber

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