

# **U.S. 3D Imaging Distance Service Market Size, Share & Trends Analysis Report By Service Model (Per-case Image Processing Services, Subscription-based 3D Planning Platforms), By Application, By Sales Method, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

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### **U.S. 3D Imaging Distance Service Market Trends**

The U.S. 3D imaging distance service market size was estimated at USD 94.4 million in 2024 and is expected to grow at a CAGR of 10.34% from 2025 to 2030. The major factors attributed to the growth include the rising demand for personalized and minimally invasive surgeries, integration of AR/VR and AI in pre-surgical 3D planning, and increasing focus of healthcare facilities to reduce operational cost by outsourcing 3D imaging services. Moreover, the increasing patient pool in the U.S. healthcare facilities is increasing the burden on providers, further fueling the adoption of 3D imaging distance services in the U.S.

The adoption of minimally invasive surgical procedures has witnessed a significant increase in prevalence. This trend is primarily driven by the significant benefits of these techniques, which include reduced postoperative pain, shorter hospital stays, quicker recovery times for patients, and minimal scarring compared to traditional open surgery. These advantages have resulted in a higher implementation rate of minimally invasive surgery across various surgical specialties, such as gynecology, urology, and orthopedics. The growing preference for these less invasive approaches is a key factor stimulating the demand for advanced imaging solutions, including 3D imaging, which are crucial for enhancing the efficacy and safety of these surgical procedures.

In 2025, the U.S. is estimated to witness around 2,041,910 new cases of cancer and approximately 618,120 deaths due to cancer. Lung, colorectal, and pancreatic cancers continue to be the primary contributors to cancer-related fatalities. The significant incidence and mortality rates associated with these types of cancer highlight the critical necessity for improved diagnostic and surgical technologies. Thus, 3D imaging services are crucial as they enhance early detection and support tailored treatment strategies, both of which are crucial for increasing survival rates and reducing pressure on the healthcare system.

The market is also witnessing a significant transformation driven by the integration of augmented reality (AR), virtual reality (VR), and artificial intelligence (AI). These technological advancements improve pre-surgical planning by providing highly detailed anatomical visualizations, enhancing the precision of surgical procedures, and reducing potential complications. Surgeons can now perform virtual simulations, map out operative pathways, and collaborate with specialists using real-time, patient-specific 3D data. These technologies' emergence sets new standards in surgical care and enables remote consultations and planning, which is critical for both urban centers and underserved areas. This evolution is fueling market growth and enhancing a digital transformation across healthcare networks, particularly within telemedicine, academic institutions, and advanced tertiary care centers.

## U.S. 3D Imaging Distance Service Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the U.S. 3D imaging distance service market report based on service model, application, and sales method:

Service Model Outlook (Revenue, USD Million, 2018 - 2030)

Per-case Image Processing Services

Subscription-based 3D Planning Platforms

Integrated Surgical Planning & Expert Consultation Services

Application Outlook (Revenue, USD Million, 2018 - 2030)

## Urological Surgery

Oncological

Non-Oncological

## Neurosurgery

Oncological

Non-Oncological

## Cardiovascular & Thoracic Surgery

Oncological

Non-Oncological

## General Surgery

Liver

Pancreas

Esophagus

Stomach

Rectal & Colorectal

Gynecology

Other

## Other Applications

## Sales Method Outlook (Revenue, USD Million, 2018 - 2030)

## Direct Sales to Hospitals/Clinics

Online Self-service Portals

Channel Partnerships / OEM Integrations

Reseller or Value-added Distributors (VADs)

## **Companies Mentioned**

Medannot

Ceevra, Inc.

Visible Patient (VP)

EDDA Technology, Inc.

Materialise NV

MeVis Medical Solutions AG

3D Systems, Inc.

Innersight Labs Ltd.

Precision Image Analysis, Inc.

3DR Labs, LLC

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