



Connect • Collaborate • Communicate

MOST CONVENIENT SIMULATION SOLUTION

3D Model Simulation ➤



1

Healthcare

virtual training ground for medical device design, immersive staff training, and improved patient safety.

2

Manufacturing

Optimize design, streamline production, and reduce costs

3

Virtual factory solution

Deliver an immersive and comprehensive training experience for newcomers to the industry.

3D Model Simulation ➤

PROBLEM

STRUGGLES & ROOT CAUSE



Healthcare

- Current Training = High Costs & Risks
- Expensive physical simulators
- Limited training scenarios
- On-the-job training risks patients



Manufacturing

- Stagnant Innovation & High Costs
- Expensive & slow physical prototypes restrict design iterations.
- Complex functionalities are hard to test in real-world scenarios and result in high late-stage mistakes.
- Poor communication between design and production slow the development process and create unnecessary rework.



Virtual factory solution

New employees have trouble understanding complex manufacturing processes. Traditional training methods are dull and don't allow for real-world practice.

WHAT CAN PUT AN END TO THE STRUGGLE ?



The **3D**
Easy-to-Use



BENEFITS

COACT 3D is a user-friendly 3D simulation platform designed specifically for the healthcare industry.

Healthcare

- Design medical devices virtually (save time & money)
- Immersive training boosts staff confidence & reduces errors (studies proven)
- Train safely, improve patient outcomes

Combined Solution

- Interactive Factory Tours: Experience a hyper-simulated virtual factory environment. Explore various facilities, learn your way around, and understand the production flow.
- Hands-on Device Simulations: Safely operate virtual machines and devices in a simulated environment. Practice steps and procedures before working on real-world equipment.

Manufacturing

- Streamlined Process & Faster Innovation
- Lower prototyping costs & lead times: Virtually test and iterate designs before building a prototype.
- Better product performance: Test realistic scenarios to detect potential design flaws and improve product performance.
- More design iterations per year: Quickly test and iterate ideas to accelerate the innovation process.
- Better communication & collaboration: Design and production workflows together for a smooth and efficient process.

Think of it like a virtual training ground, where you can have the following **QUANTIFIABLE BENEFITS**.

OUR PROCESS

Briefly outline your workflow to emphasizing customer collaboration and the ease of use of your software.

Get the Technical Details

- Table outlining the product's technical specifications:
- System requirements : File formats supported.
- Simulation capabilities (e.g., number of parts, material types).
- Security features.
- Ensure the information is clear and easy to understand.





OUTCOME OF THE 3D MODEL SIMULATION

3D
MODEL
SIMULATION
SOLUTIONS

Healthcare

25% less training cost per staff member. 10% more successful procedures. Faster medical device development.

Manufacturing

Growth & Profitability, More efficient production processes: Virtually simulate assembly lines, detect bottlenecks, and improve overall efficiency.

Virtual factory solution

Accelerate Onboarding: Get employees-up-to-speed quicker and more effectively on the manufacturing floor.

3D Mapping And 3D Modelling Market Size (2024 - 2029)

CAGR 14.67%



Study Period	2019-2029
Market Size (2024)	USD 7.48 Billion
Market Size (2029)	USD 14.82 Billion
CAGR (2024 - 2029)	14.67 %
Fastest Growing Market	Asia Pacific

Global 3D Simulation Software

Market Size, Share, Growth & Trends Analysis Report

By End User

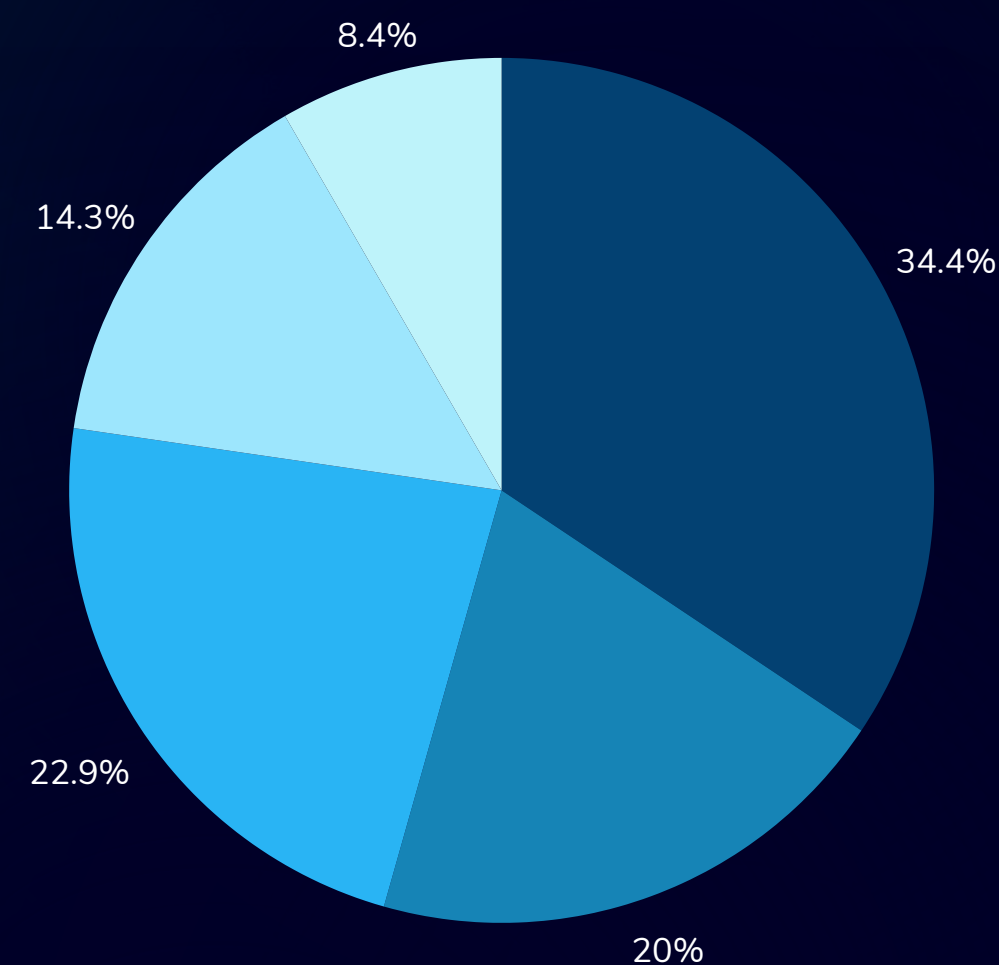
3D Simulation Software Market: Key Outcomes of the Report

market, lower costs, and higher product quality. Businesses use 3D simulation software to optimize operational operations, streamline manufacturing workflows, and maximize resource use. These technologies let firms to model manufacturing processes, logistics operations, and supply chain networks in order to discover bottlenecks, optimize layouts, and increase productivity. The combination of virtual reality (VR) and augmented reality

(AR) technology with 3D simulation software has created new opportunities for immersive visualization and interactive experiences. This has uses in gaming, training, marketing, product visualization, and consumer engagement, all of which contribute to market innovation and differentiation. The

The 3D Mapping And 3D Modelling Market size is estimated at USD 7.48 billion in 2024, and is expected to reach USD 14.82 billion by 2029, growing at a CAGR of 14.67% during the forecast period (2024-2029).

3D content grows, the demand for 3D mapping and modeling is also growing, which uses specialized software to produce a three-dimensional representation of an item. Additionally, in this competitive market, 3D mapping and modeling innovations are the easiest ways to create 3D environments. 3D mapping solutions quickly generate high-quality 3D maps of surroundings, ready to be integrated into professional visualization processes.



WHY COACT



Expertise

Extensive experience in virtual training and simulation development.



Customization

Tailored training programs to meet specific client needs.

Target Audience

Equip both new recruits and seasoned professionals with the skills to thrive in the evolving manufacturing landscape through COACT's comprehensive training programs.



3D PRODUCT DEMO





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CONTACT US

+91 73148 55655



CONTACT US

sales@coact.co.in



VISIT US

www.coact.co.in

A 3D light blue ring is positioned above a light blue rounded rectangle. To the right of the rectangle is a 3D light blue paper plane pointing towards the top right.

**Request a
Demo**