

# Virtual Training and Simulation Market by Component (Hardware and Software) and End User (Defense & Security, Civil Aviation, Education, Entertainment, and Others): Global Opportunity Analysis and Industry Forecast, 2020–2027

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# **Abstracts**

Virtual training is a methodology in which a simulated virtual environment is created to test the capabilities of a trainee that can contribute to the learning process. It can be of two types, namely, instructor-led training and non-instructor-led training. Simulation is the imitation of the processes of a real-world operation or system over time.

Further, simulation is used to create a virtual environment that can be used for training purposes. Virtual training and simulation tools comprise hardware and software. Hardware components include headsets, combat tools, hand-gloves, hearing aids, mannequins, gaming consoles, and others; while software components are programs or set of instructions that are used to perform the activities in the system.

The virtual training and simulation market is primarily driven by growth in awareness among end users about the benefits of virtual training & simulation and increased spending by various end users such as defense, healthcare, and education due to higher budget allocation. However, there are some regions such as North African countries, which are unable to adopt this technology due to either lack of necessary infrastructures or limited knowledge about the technology.

Manufacturers in the virtual training and simulation market lack in terms of investments in R&D, which limits the innovation potential and market expansion. However, advancements in technology, rise in number of internet users, and widening scope of technology in other industries such as energy, transportation, and mining are estimated



to provide significant growth opportunities to the key players operating in the global virtual training and simulation market.

The virtual training and simulation market is segmented on the basis of component, end user, and region. By component, it is categorized hardware and software. Depending on end user, it is categorized into defense & security, civil aviation, education, entertainment, and others. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The market players operating in the virtual training and simulation market include ANSYS, Inc., BAE Systems, CAE Inc., Cubic Corporation, The DiSTI Corporation, Kratos Defence & Security Solutions, Inc., L-3 Link Simulation & Training, Lockheed Martin Corporation, ON24, Inc., and Saab AB.

#### **KEY BENEFITS FOR STAKEHOLDERS**

The study provides an in-depth analysis of the current & future trends of the market to elucidate the imminent investment pockets.

Information about key drivers, restraints, and opportunities and their impact analysis on the global virtual training and simulation market size is provided.

Porter's five forces analysis illustrates the potency of the buyers and suppliers operating in the global virtual training and simulation industry.

The quantitative analysis of the market from 2019 to 2027 is provided to determine the global virtual training and simulation market potential.

#### **KEY MARKET SEGMENTS**

By Component

Hardware

Software

#### By End User



Defense & Security

	Civil Aviation		
	Education		
	Entertainment		
	Others		
By Region			
	North A	America	
		U.S.	
		Canada	
	Europe		
		Germany	
		France	
		UK	
		Rest of Europe	
Asia-Pacific			
		Japan	
		China	
		India	
		Rest of Asia-Pacific	



# LAMEA Latin America Middle East Africa **KEY MARKET PLAYERS** ANSYS, Inc. **BAE Systems** CAE Inc. **Cubic Corporation** The DiSTI Corporation Kratos Defence & Security Solutions, Inc. L-3 Link Simulation & Training **Lockheed Martin Corporation** ON24, Inc.

Saab AB



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