

Middle East & Africa Visualization & 3D Rendering Software Market Forecast to 2030 - Regional Analysis - by Application (Training Simulation, Marketing and Advertisement, Video Games, Product Visualization, and Architectural Visualization), Deployment (On-Premise and Cloud), and End User (Media and Entertainment, Architecture and Construction, Design and Engineering, Healthcare, and Others)

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Abstracts

The Middle East & Africa visualization & 3D rendering software market is expected to grow from US\$ 170.29 million in 2022 to US\$ 635.05 million by 2030. It is estimated to grow at a CAGR of 17.9% from 2022 to 2030.

Emergence of Factory Automation Fuels Middle East & Africa Visualization & 3D Rendering Software Market

The concept of the connected factory has been developing over the past few years. In order to enable unprecedented levels of information monitoring, collecting, processing, and analysis, it is increasingly necessary to improve the Webs ability to connect devices, sensors, computers, and humans. Above mentioned devices provide more precision and can translate collected data into insights that, for example, help determine the amount of voltage used to produce a product or understand how temperature, pressure, and humidity impact the performance.

Industry 4.0 is expected to provide a long-term vision and future of manufacturing set-up during the forecast period. Traditional manufacturing is projected to transform due to the deployment of advanced technologies across manufacturing operations.

Middle East & Africa Visualization & 3D Rendering Software Market Overview

The visualization and 3D rendering software market in the MEA is segmented into

South Africa, Saudi Arabia, the UAE, and the Rest of MEA. The infrastructural development and economic reinforcement in the MEA are driven by their frequent involvement in various global/international events. Huge investments in residential setups and government and private infrastructure projects are anticipated to boost the consumption of building materials across the Middle East. Commercial buildings, residential spaces, and offices are other constructions that have recently been found enhanced focus by the GCC and are one of the biggest end users in the Middle East. Several oil & gas refineries in the Middle Eastern countries contribute significantly to the regions overall GDP. However, the manufacturing sector of the Middle East is booming, and the governments in the region are taking several steps to encourage its growth further. For instance, Dubai has established one of the biggest industrial centers for attracting new manufacturers. According to the Department of Economic Development of the UAE, the manufacturing sector accounts for ~80% of the country's trade, excluding oil, and is gaining pace with time; the sector is projected to be the second-largest contributor to its economy. Major manufacturing industries in Dubai include rubber, plastics, F&B, printing & publishing, base metals, chemicals, metals, and electrical equipment & machinery. Several economies in the region are attracting large FDIs in their manufacturing sector. The Oman government supports manufacturing sector by introducing incentives and promoting FDIs. Also, the thriving media and entertainment industry, especially the OTT platforms, is fueling the adoption of visualization and 3D rendering tools.

Middle East & Africa Visualization & 3D Rendering Software Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Visualization & 3D Rendering Software Market Segmentation

The Middle East & Africa visualization & 3D rendering software market is segmented into application, deployment, end user, and country.

Based on application, the Middle East & Africa visualization & 3D rendering software market is segmented into training simulation, marketing and advertisement, video games, product visualization, and architectural visualization. The architectural visualization segment held the largest share of the Middle East & Africa visualization & 3D rendering software market in 2022.

Based on deployment, the Middle East & Africa visualization & 3D rendering software market is segmented into on-premise and cloud. The on-premise segment held a larger share of the Middle East & Africa visualization & 3D rendering software market in 2022.

Based on end user, the Middle East & Africa visualization & 3D rendering software market is segmented into media and entertainment, architecture and construction, design and engineering, healthcare, and others. The architecture and construction segment held the largest share of the Middle East & Africa visualization & 3D rendering software market in 2022.

Based on country, the Middle East & Africa visualization & 3D rendering software market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa visualization & 3D rendering software market in 2022.

Autodesk Inc, Chaos Group, Christie Digital Systems, Dassault Systemes SE, and NVIDIA Corp are some of the leading companies operating in the Middle East & Africa visualization & 3D rendering software market.

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