

Middle East & Africa Smart Life Sciences Manufacturing Market Forecast to 2028 - Regional Analysis- by Component (Solutions and Services), Technology [AR/VR Systems, Internet of Things (IoT), Artificial Intelligence (AI), Cybersecurity, Big Data, and Others], End use industry (Pharma, Bio-Pharma, and Medical Device)

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Abstracts

The Middle East & Africa smart life sciences manufacturing market is expected to grow from US\$ 1,653.90 million in 2023 to US\$ 5,202.85 million by 2033. It is estimated to grow at a CAGR of 12.1% from 2023 to 2033.

Rising Adoption of Pharma 4.0 Fuel Middle East & Africa Smart Life Sciences Manufacturing Market

Pharma 4.0 is also referred to as the smart factory in the pharmaceutical industry. It is an operating model that helps pharmaceutical companies embrace digitalization and automation. Pharma manufacturing companies collect a lot of data, but these data are hardly used for any meaningful work or decision-making process. The introduction of new technologies such as big data, AI, machine learning (ML), and deep learning has benefitted companies with the unprecedented analysis of data in real time; they can even predict trends in processes and operations. Manufacturers can use these technologies and the information they provide to understand and improve their processes. Thus, such technologies are creating a lot of opportunities in medical research.

Middle East & Africa Smart Life Sciences Manufacturing Market Overview

The Middle East & Africa Smart Life Sciences Manufacturing Market in the Middle East & Africa is segmented into Saudi Arabia, the UAE, South Africa, and the rest of Middle East & Africa. The region is expected to develop considerably over the period owing to the developing healthcare facilities and the rising geographical expansion of market players in the region. COVID-19 pandemic has changed the overall scenario of the region, and countries are focused on increasing local production to reduce dependency on other countries. This has led to the setup of production facilities and strategic collaborations among market players in the region, which is expected to drive the Middle East & Africa Smart Life Sciences Manufacturing Market growth in the coming years. Korber's Werum IT Solutions partnered with Emad Trade House to provide cost-effective solutions. Werum's PAS-X MES enables pharmaceutical and biotech facilities to run manufacturing processes completely paperless at the highest level and comply with international GMP guidelines and FDA regulations. The requirements of the pharma industry are directly addressed by Werum's out-of-the-box PAS-X solution without any need for expensive and time-consuming customization. Based on standard functionality and best practice content, pharma and biotech manufacturers will be able to have the solution up and running in a very short time. Together with Emad Trade House, Korber will increase the availability and access to cutting-edge manufacturing technologies that will dramatically improve the quality and efficiency of producing important medicines in Pakistan and the Middle East. Therefore, increasing strategic developments in the Middle East & Africa will drive the Middle East & Africa Smart Life Sciences Manufacturing Market growth in the region in the future.

Middle East & Africa Smart Life Sciences Manufacturing Market Revenue and Forecast to 2033 (US\$ Million)

Middle East & Africa Smart Life Sciences Manufacturing Market Segmentation

The Middle East & Africa smart life sciences manufacturing market is segmented into technology, component, end use industry, and country.

Based on component, the Middle East & Africa smart life sciences manufacturing market is segmented into solutions and services. The solution segment held a larger share of the Middle East & Africa smart life sciences manufacturing market in 2023.

Based on technology segment is categorized into AR/VR Systems, Internet of things (IOT), Artificial Intelligence (AI), Cybersecurity, Big Data, and others. The Internet of things segment held the largest share of the Middle East & Africa smart life sciences

manufacturing market in 2023.

Based on End Use Industry, the Middle East & Africa smart life sciences manufacturing market is segmented into pharma, bio-pharma, and medical devices. The pharma segment held the largest share of the Middle East & Africa smart life sciences manufacturing market in 2023.

Based on country, the Middle East & Africa smart life sciences manufacturing market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The UAE dominated the Middle East & Africa smart life sciences manufacturing market in 2023.

ABB Ltd, Bosch Rexroth AG, Emerson Electric Co, Fortinet Inc, General Electric Co, Honeywell International Inc, International Business Machines Corp, Rockwell Automation Inc, Siemens AG, and Sophos Ltd are some of the leading companies operating in the Middle East & Africa smart life sciences manufacturing market.

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