

Middle East & Africa Land Survey Equipment Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Solution (Hardware, Software, and Services), Industry (Mining, Construction, Agriculture, Oil & Gas, and Others), Application (Volumetric Calculations, Inspection, Layout Points, Monitoring, and Others), and Hardware (GNSS Systems, Levels, 3D Laser Scanners, Total Stations, Theodolites, Unmanned Aerial Vehicles, Machine Control Systems, Machine Guidance Systems, and Others)

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AVAILABLE LICENSES:

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The MEA land survey equipment market is expected to grow from US\$ 677.13 million in 2022 to US\$ 1,032.76 million by 2028. It is estimated to grow at a CAGR of 7.3% from 2022 to 2028.

Use of Unmanned Aerial Vehicles (UAVs) and Remote-Control Drones

The use of unmanned aerial vehicles (UAVs) and remote-control drones is increasing in the mapping and surveying professions. These technologies have many potential applications within several sectors related to land surveys, agriculture, and environmental monitoring. With the help of drones and UAVs, surveyors can get their data precisely and quickly. UAVs and drones are safer as it eliminates the requirement of manpower to enter dangerous environments for measurements. With the help of these technologies, surveyors can access areas that are inaccessible to humans. UAVs combines photogrammetry, 3D mapping, land surveys, topographic surveying, etc. However, legal permission must be taken from the respective authority before using

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UAVs and drones by the surveyors. There are a few challenges associated with using drones and UAVs for a survey, such as pilot training for the operator and its assessment, keeping up with regulations for the operation, and providing professional output to the customer. If surveyors overcome these challenges, the use of UAVs and drones is expected to become a trend in the land survey equipment market across the region.

Market Overview

Based on country, the Middle East & Africa land survey equipment market is segmented into Saudi Arabia, the UAE, Egypt, and the Rest of the Middle East & Africa. The region has a large mining industry, wherein Saudi Arabia has the largest landmass for mining. According to the Yahia AlShangiti, CEO of AMAK, the mining sector of Saudi Arabia could add US\$ 64 billion (SR240 billion) to its GDP by 2030. In addition, under the Saudi Vision 2030 development plan, the mining industry is positioned as the third pillar of its economic development, after energy and petrochemicals. Thus, the growth in the mining industry is projected to boost the growth of the land survey equipment market in the region over the forecast period. Middle East's oil and gas sector contributes largely to its economy. The UAE is one of the world's top 10 largest oil producers. About 96% of the country's oil reserves are in Abu Dhabi, thus, ranking the city at number 6 worldwide. The country produces around 3.2 million barrels of petroleum and liquids per day. The oil and gas industry contributes around 30% of the UAE's GDP and 13% of its exports. According to the International Trade Administration, the US Department of Commerce, Abu Dhabi National Oil Company (ADNOC), a global leader in the oil and gas industry, is expected to reach 5 million barrels of maximum sustainable production capacity by 2030. These factors are likely to fuel the growth of the land survey equipment market in the Middle East during the projection period. The Africa land survey equipment market is segmented into South Mauritius, Seychelles, and the Rest of Africa. The regional market's growth is attributed to the expanding agriculture sector in Africa. Around 60% of the sub-Saharan African population works in the agriculture sector, contributing to 23% of the region's GDP. Also, the governments of African countries are working on various plans to develop the agriculture sector. Under the Comprehensive African Agricultural Development Programme (CAADP), the governments are expected to increase their agricultural investment over the forecast period. They are expecting to allocate 10% of national budgets to agriculture and rural development in coming years. Thus, this investment is expected to achieve at least 6% agricultural growth per annum. Thus, the rising investment for development in the agriculture sector will boost the land survey equipment market in Africa during the projection period. In addition, the region has a large oil and gas industry which is growing continuously. The African continent is fifth among the top thirty oil-producing nations in the world. African countries, such as Nigeria, Angola, Algeria, Libya, and others, accounted for approximately 8 million barrels per day, around 10% of global output. In addition, the region produces around 7% of the world's gas and consists of around 2400 hydrocarbon deposits. Thus, the growing agriculture and oil and gas industry will propel the region's land survey equipment market in the years to come.

MEA Land Survey Equipment Market Revenue and Forecast to 2028 (US\$ Million)

MEA Land Survey Equipment Market Segmentation

The MEA land survey equipment market is segmented based on solution, industry, application, hardware, and country.

Based on solution, the MEA land survey equipment market is segmented into hardware, software, and services. The hardware segment held the largest market share in 2022. Based on industry, the MEA land survey equipment market is segmented into mining, construction, agriculture, oil & gas, and others. The construction segment held the largest market share in 2022. Based on application, the MEA land survey equipment market is segmented into volumetric calculations, inspection, layout points, monitoring, and others. The inspection segment held the largest market share in 2022. Based on hardware, the MEA land survey equipment market is segmented into GNSS systems, levels, 3D laser scanners, total stations, theodolites, unmanned aerial vehicles, machine control systems, machine guidance systems, and others. The GNSS systems segment held the largest market share in 2022. Based on country, the MEA land survey equipment market has been categorized into Saudi Arabia, the UAE, Egypt, Mauritius, Seychelles, and the Rest of MEA. Our regional analysis states that the Rest of MEA dominated the market share in 2022.

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GUANGDONG KOLIDA INSTRUMENT CO., LTD.; Hexagon AB; Hi-Target; PENTAX Surveying; Robert Bosch Tool Corporation; Shanghai Huace Navigation Technology Ltd.; South Surveying & Mapping Technology CO., LTD.; Suzhou FOIF Co., Ltd.; Topcon Corporation; and Trimble Inc. are the leading companies operating in the MEA land survey equipment market.

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