

**Middle East & Africa Adaptive Traffic Control System Market Forecast to 2030 -
Regional Analysis - by Type (Hardware, Software, and Services), Component (OPAC,
SCOOT, RHODES, and SCATS), and Application [Highways and Urban (Cities)]**

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AVAILABLE LICENSES:

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

Report description:

The Middle East & Africa adaptive traffic control system market is expected to grow from US\$ 403.62 million in 2022 to US\$ 1,524.11 million by 2030. It is estimated to grow at a CAGR of 18.1% from 2022 to 2030.

Development of Smart Cities Fuels Middle East & Africa Adaptive Traffic Control System Market

Increasing demand for strong connectivity and developed infrastructure is raising investments in developing smart cities. Smart cities are technologically advanced urban areas which integrate a variety of sensors and electronic solutions which can help to gather data and utilize it for the betterment of the locality. It is also seen that along with smart cities, various countries are investing in developing smart roadways to provide a safe vehicle commute. Different types of sensors and hardware are deployed in smart roadways which helps to collect multivariate data that can be further used for traffic monitoring. This data can also be shared with vehicles traveling on the road, helping them to make informed decisions. In addition, vehicle manufacturers are also making IoT-enabled vehicles with sensors and devices that can help them gather various data. This vehicle data can be utilized to understand the congestion level at specific road sections, which can be further help to determine the average number of vehicles present at a specific point, and further estimate the traveling time for a vehicle. Based on such data, traffic on different lanes can be maintained, congestion can be predicted and avoided promptly, and the commuting time in urban areas can be lowered by 15-20%. Hence, the growing development of smart cities and increasing adoption smart roadways will provide lucrative opportunities for the growth of the Middle East & Africa adaptive traffic control system market during the forecast period.

Middle East & Africa Adaptive Traffic Control System Market Overview

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The adaptive traffic control system in the Middle East & Africa is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Gulf countries are economically advanced and are continuously working on the development and implementation of smart traffic management systems on the road with real-time connectivity and automated technologies integrated within the vehicles. According to the International Organization of Motor Vehicle Manufacturers (OICA), vehicle sales in South Africa grew from 304,340 vehicles in 2021 to 363,696 vehicles in 2022; it increased by 19.5%. Also, in 2022, vehicle sales in Saudi Arabia and the UAE witnessed an increase of 9.2% and 9.3%, respectively, compared to 2021. This growth in vehicle sales is further increasing the traffic congestion in the region, which, in turn, is propelling the demand for adaptive traffic control systems in the Middle East & Africa.

Middle East & Africa Adaptive Traffic Control System Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Adaptive Traffic Control System Market Segmentation

The Middle East & Africa adaptive traffic control system market is segmented into type, component, application, and country.

Based on type, the Middle East & Africa adaptive traffic control system market is segmented into hardware, software, and services. The software segment accounted the largest share of the Middle East & Africa adaptive traffic control system market in 2022.

Based on component, the Middle East & Africa adaptive traffic control system market is divided into OPAC, SCOOT, RHODES, and SCATS. The SCATS segment held the largest share of the Middle East & Africa adaptive traffic control system market in 2022.

Based on application, the Middle East & Africa adaptive traffic control system market is bifurcated into highways and urban (cities). The urban (cities) segment accounted a larger share of the Middle East & Africa adaptive traffic control system market in 2022.

Based on country, the Middle East & Africa adaptive traffic control system market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The UAE dominated the Middle East & Africa adaptive traffic control system market in 2022.

Aldridge Traffic Controllers Pty Ltd, EFKON India Pvt. Ltd, Johnson Controls International Plc, Kapsch TrafficCom AG, Kimley-Horn and Associates Inc, and No Traffic are some of the leading companies operating in the Middle East & Africa adaptive traffic control system market.

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