

Europe 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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Abstracts

The Europe adaptive traffic control system market is expected to grow from US\$ 1,650.44 million in 2022 to US\$ 7,135.08 million by 2030. It is estimated to grow at a CAGR of 20.1% from 2022 to 2030.

Growing Investments in Roadway Infrastructure Fuels Europe Adaptive Traffic Control System Market

The demand for better transportation facilities, such as better road conditions, smooth traffic flow, and connectivity between different areas, is rising worldwide due to the increasing population. As a result, the government authorities of different countries are focusing on developing their road infrastructure. Similarly, in March 2022, VINCI Highways announced that the expansion of the B247 road between M?hlhausen and Bad Langensalza in Germany had started. For the construction of this road, the government has approved an investment of ~US\$ 545.61 million (EUR 500 million). Growing investments in roadway infrastructure raises the need to implement adaptive traffic control systems to improve traffic flow and enhance vehicular safety. Thus, the rising expenditure on infrastructure is increasing the need for passenger and driver safety bolster the growth of the Europe adaptive traffic control system market.

Europe Adaptive Traffic Control System Market Overview

In Europe, several industries are focusing on the adoption of advanced technologies.

The European Commission (EC), with the support of various financial institutes, is developing innovative projects related to Intelligent Transportation Systems (ITS) and ensuring that it is rolled out consistently. In Europe, ITS plays an important role in promoting the driver safety and efficiently handling the rising congestion and emission problems. The installation of ITS offers a safer transportation system, which provides more sustainable and efficient services to its customers with the help of various technologies across all modes of freight and passenger transport. Additionally, the upgradation of the existing system by integrating them with advanced technologies to offer new services is boosting the market growth. For instance, the “Digital Single Market Strategy” adopted by the EC supports the usage of ITS solutions for achieving an efficient transport network for passengers and business management. This system is also used to enhance operations related to the modes of transport. Also, the EC is focusing on establishing the next generation of ITS solutions with the integration of Cooperative Intelligent Transport Systems (C-ITS), which, in turn, is supporting automation in the transport sector.

Europe Adaptive Traffic Control System Market Revenue and Forecast to 2030 (US\$ Million)

Europe Adaptive Traffic Control System Market Segmentation

The Europe adaptive traffic control system market is segmented into type, component, application, and country.

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

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

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

Based on country, the Europe adaptive traffic control system market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. Germany dominated the Europe adaptive traffic control system market in 2022.

Aldridge Traffic Controllers Pty Ltd, EFKON India Pvt. Ltd., Swarco AG, Johnson Controls International Plc, Kapsch TrafficCom AG, Vivacity Labs Ltd, Miovision Technologies Inc. and Q-Free ASA are the leading companies operating in the Europe adaptive traffic control system market.

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