Intelligent Transportation System Market by Component, System (ATMS, ATIS, ITS-Enable Transportation Pricing System, APTS, and CVO), Application, and Geography - Analysis & Forecast to 2015 - 2020

Description:
Intelligent Transportation Systems (ITS) refers to information and communication technologies applied to transport infrastructure and vehicles for improved mobility, safety, and sustainability. It improves transport outcomes and traffic management such as transport productivity, transport safety, travel reliability, and reduced traffic congestion. This market report is segregated based on components, systems, applications, and geographic regions. Applications in parking availability systems, traffic enforcement cameras, and collision avoidance systems are expected to drive the market during the forecast period. This is due to investments by various governments to upgrade transportation systems among toll collection systems, and adopt new technologies for reducing traffic congestion. This report based on system types has been segmented into advanced traffic management system, advanced traveler information system, ITS-enabled transportation system, advanced public transportation system, and commercial vehicle operation system.

The report profiles companies active in this intelligent transportation system. It provides the competitive landscape of key players that includes their main growth strategies. The report also focuses on giving a detailed view of the complete intelligent transportation system market with regards to different applications as well as geographic regions. The market for intelligent transportation system has increased applications in traffic monitoring system, traffic signal control system, and fleet management and asset monitoring system. This intelligent transportation system market for applications is estimated to reach $33.89 billion by 2020 at a CAGR of 11.57% between 2015 and 2020.

Major players in this market include Thales Group (France), Garmin International Inc. (U.S.), Kapsch TrafficCom AG (Austria), TomTom International BV (Netherlands), Nuance Communications Inc. (U.S.), and Q-Free ASA (Norway). Several recent expansions and acquisitions, new product launches, and contracts have also been discussed in the report. Following are the detailed explanations of each segment.

Scope of the report
This research report categorizes the market based on component, system, application, and geography; it also covers the market size forecast between 2015 and 2020.

On the basis of components:
The market is categorized, on the basis of components into interface boards, sensors, software, surveillance cameras, telecommunication networks, and monitoring and detection systems.

On the basis of systems:
Systems for this market include advanced traffic management system, advanced traveler information system, ITS-enabled transportation pricing system, advanced public transportation system, and commercial vehicle operation systems which have been explained in detail in this report.

On the basis of application areas:
The applications areas have been categorized into fleet management and asset monitoring, traffic monitoring system, traffic signal control system, collision avoidance system, variable traffic message sign, parking availability system, traffic enforcement camera, and automotive telematics.

On the basis of geography:
The market based on geography has been segmented into North America, Europe, APAC, and RoW.

The report identifies drivers, restraints, opportunities, and current trends for the intelligent transportation system market. Apart from the market segmentation, the report also includes the critical market data and qualitative information for each technology type along with qualitative analyses, such as the Porter's five force analysis, market breakdown analysis, and value chain analysis.

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