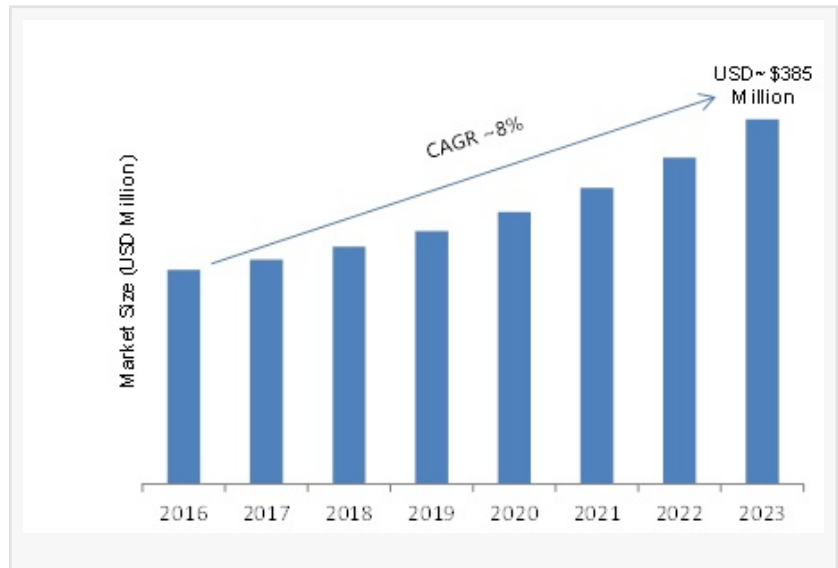# Traffic Sensor Market is estimated to grow at a CAGR of 8% by Forecast to 2023

Global Traffic Sensor Market, By Technology (RFID, GSM, 3D/2D) - Forecast 2023

PUNE, MAHARASHTRA, INDIA, August 25, 2017 /EINPresswire.com/ -- Market Highlights:
The study reveals that traffic sensor is trending in North America region. The traffic sensors demand is growing very rapidly as it offers dynamic range to check large to small vehicles, permanent or temporary installation, high signal to noise ratio for ease of signal processing and others. The sensors are available for speed detection, classifying, high speed toll booths, high level of uniformity needed for WIM applications.

In North America region, the traffic monitoring systems demand is increasing with the growing road traffic. These system are embedded with the video capturing devices that offers real-time monitoring on the road areas such as toll highways, bridges, bypasses and underpasses. In the traffic monitoring, the piezoelectric sensors are used in applications such as weigh-in-motion, vehicle classification and others.

> TE Connectivity Ltd. (Switzerland), Kistler Group (Switzerland), SWARCO AG (Austria), Sick AG (Germany)"
> *Market Research Future*

The Traffic Sensor Market and radar sensors is integrated with Wi-Fi which is being used as it can detect and provide the information of vehicle with the accuracy of 95% approximately. These sensors are widely used in North America region as it can work in adverse conditions and performance which is not affected by dirt, smog, fog, sunlight, wind, sandstorms or extreme temperatures.

The global traffic sensor market is growing rapidly over 8% of CAGR and is expected to reach at USD 385 Million by the end of forecast period.

Major Key Players:
• TE Connectivity Ltd. (Switzerland)
• Kistler Group (Switzerland)
• SWARCO AG (Austria)
• Sick AG (Germany)
• Leddar Tech Inc. (Canada)
• Siemens AG (Germany)

• International Road Dynamics, Inc. (Canada)
• FLIR Systems, Inc. (US)
• Axis Communication AB (Sweden)
• Raytheon Company (US)
• Sensys Networks, Inc. (US)

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Traffic Sensor Market Segmentation:
The global traffic sensors are bifurcated into technology, sensors type, applications, and region. The technology includes RFID, 3D/2D, GSM and others. The sensors types includes LiDAR sensors, radar sensors, magnetic sensors, piezoelectric sensors, image sensors and others.

The applications includes laser measurement systems, electronic toll collection system, hot spot detection system, road tunnel sensors system and others. The region includes North America, Europe, Asia Pacific and rest of the world.

Market Research Analysis:
On geographic basis, global traffic sensor market is studied in different regions as Americas, Europe, Asia-Pacific and Rest of world. It has been observed that North America region is leading with largest market share growth in the traffic sensor market due to the major companies are investing for the production of these sensors. In this market, Europe is to be estimated to be the second largest market share for traffic sensor during the forecast period.

Traffic Sensor Market (MRFR) Research Analysis:
By end-user segment, the traffic sensor market is driven by advanced mobile- sensor technology that has the potential in measuring the traffic speeds, volumes, origin–destination pairs, and other. These sensor collects the data which can improve traffic control. The improved utility of sensors for traffic management are widely adopted, can enable signal control.

By Region, MRFR analysis shows that the comprehensive understanding of market dynamics, the global traffic sensor market is analyzed across key geographies namely North America, Europe, China, Japan, India and among others. The sensors has different types including radar sensors, magnetic sensors, piezoelectric sensors, image sensors which is widely used in the sensor market and will drive the traffic sensors market in the North America region.

The study was conducted using an objective combination of primary and secondary information including inputs from key participants in the industry. The report contains a comprehensive market and vendor landscape in addition to a SWOT analysis of the key vendors.

Regional Analysis of Traffic Sensor Market:
The regional analysis of traffic sensor market is being studied for region such as Asia pacific, North America, Europe and Rest of the World. North America is one of the leading region across the world in terms of largest market share in traffic sensor market owing to the government investments in the production of different types of sensors including magnetic sensors, piezoelectric sensors, image sensors, and the expansion by key traffic sensor manufacturers.

The traffic sensor market in Europe region is expected to witness rapid growth in the forthcoming period. Whereas, Asia-Pacific countries like China, Japan and South Korea is an emerging market for traffic sensor market and expected to be the highest CAGR in the coming years.

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Intended Audience:
• Traffic Sensor manufacturing companies
• Product sales and distribution companies
• Government regulatory authorities
• Semiconductor companies
• Traffic sensor providers
• Research and development companies
• Market research and consulting firms
• Solution providers
• Technology standards organizations
• Technology investors
• System Integrators

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