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# Sensors and Intelligent End-point Devices in IoT: Market Analysis and Forecast 2016 - 2021

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## Abstracts

**Overview:**

Sensors are used for detection of changes in the physical and/or logical relationship of one object to another(s) and/or the environment. Physical changes may include temperature, light, pressure, sound, and motion. Logical changes include the presence/absence of an electronically traceable entity, location, and/or activity. Within an Internet of Things (IoT) context, physical and logical changes are equally important.

Through 2021, business investments in sensors will shift to Manufacturing, Oil and Gas, Sports and Fitness, Transport and Cargo and Utility due to increased confidence in using IoT and sensors for various purposes including industry automation, tracking and measuring events on real time basis, and remotely controlling things.

This report assesses the overall sensor marketplace for IoT, evaluates leading vendors, identifies key IoT functionality in support of sensors, and forecasts the market for sensor adoption and revenue. The report covers three key areas within the sensor ecosystem:

Sensors: H/W and S/W designed and Developed to Suit IoT deployments
Protocols: Designed and developed to drive Wireless Sensor Network (WSN) in IoT
Sensor Data: Through Sensor Fusion/Multi-sensing/Soft Sensors

The reader of this report will better understand the role of sensors in the Internet of Things (IoT) as well as their relationship to Intelligent Endpoints. The reader will also understand how edge computing is affecting IoT and how data management and Big Data technologies are impacted. The impact on data infrastructure and analytics is also covered. All purchases of Mind Commerce reports includes time with an expert analyst

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who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

**Key Findings:**

Sensors deployed in IIoT will comprise 64% of total sensors used in IoT

EMEA will outpace the market with demand of 18.8 billion smart sensors in 2021 with a CAGR of 51.7%.

North America ranks second in buying smart sensors with 16.4 billion units by 2021 with a CAGR of 50.1%

The overall market in APAC for smart sensors will grow to 7.9 billion smart sensors with a CAGR of 54.8%

**Target Audience:**

MEMS suppliers

Sensor companies

Internet of Things companies

Wireless device manufacturers

Wearable technology suppliers

Digital signal processor providers

Telephony infrastructure providers

Computer and semiconductor companies

Embedded hardware, software and OS providers

Mobile/wireless network operators and service providers

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7.4 Bosch Connected Devices and Solutions GmbH (BCDS)
7.5 Digi International
7.6 Fairchild Semiconductors International
7.7 LeddarTech Inc.
7.8 Nanjing IoT Sensor Technology Co., Ltd.
7.9 NYCE Sensors Inc.
7.10 Open Sensors Ltd.
7.11 Sensata Technologies

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7.12 Seraphim Sense Ltd.
7.13 Silicon Laboratories, Inc.
7.14 Texas Instruments Inc.
7.15 Worldsensing
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