Wireless Sensor Networks Market to 2016 - Energy Harvesting Techniques to Create New Opportunities

Research and Markets has announced the addition of the "Wireless Sensor Networks Market to 2016 - Energy Harvesting Techniques to Create New Opportunities" report to their offering.

GBI Research's new report, Wireless Sensor Networks Market to 2016 - Energy Harvesting Techniques to Create New Opportunities provides key information and analysis on the market opportunities in the Wireless Sensor Networks (WSNs) industry. The report covers the industry dynamics, information on the sales volume of chipsets used for wireless sensor networks, and the market share of key suppliers. The report also provides: chipset-based, region-based and end-use based forecasts to 2016. Wireless Sensor Network (WSN) chipsets based forecasts to 2016 are given for the IEEE 802.15.4, Wi-Fi and Bluetooth standards. The application markets for WSN chipsets in home automation, building automation, industrial automation and smart metering are also discussed.

Emerging Technologies Drive Penetration of Wireless Sensor Networks into New Applications

Emerging technologies such as Bluetooth Low Energy (BLE), ZigBee Green Power, Wi-Fi Direct and EnOcean technologies will enable Wireless Sensor Networks (WSNs) to drive into new areas of application such as medical devices, healthcare, automotives, energy efficient buildings, sports and agriculture.

The overall Wireless Sensor Network (WSN) chipsets market consists of Institute of Electrical and Electronics Engineers (IEEE) 802.15.4 chipsets, Wireless Fidelity (WiFi) chipsets and Bluetooth low energy chipsets. The sales volume is forecast to grow at a Compound Annual Growth Rate (CAGR) of 46% during 2011 - 2016.

Energy Harvesting Technology to Drive the Demand for WSNs

Energy harvesting technology can be used to power WSNs and shows off significant growth possibility. Energy generation from renewable energy sources along with rechargeable batteries provides a low maintenance power source for WSNs. The incorporated energy harvesters are packed devices that have long life compared to the conventional solutions. Therefore, WSN users are opting for energy harvesters to minimize maintenance costs.

For more information visit
http://www.researchandmarkets.com/research/4db007/wireless_sensor_ne [1]

Posted by Janine E. Mooney, Editor

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