

# Industrial Wireless Sensor Networks (IWSN) Market - Global Forecast & Analysis (2012 - 2017)

<https://marketpublishers.com/r/I1469610AD8EN.html>

Date: June 2012

Pages: 250

Price: US\$ 5,650.00 (Single User License)

ID: I1469610AD8EN

## Abstracts

Industrial Wireless Sensor Networks (IWSN) Market – Global Forecast & Analysis (2012 – 2017) By Technology (Wireless HART, ISA100.11a, 6LoWPAN, Proprietary, Other); By Components (Sensors, Microcontroller Chips, & Communication Modules); By Applications (Oil & Gas, Water and Wastewater, Food & Beverages, Automotive, Power, Chemicals, Metal & Mining, Pharmaceuticals, Paper & Pulp); By Geography (Americas, Europe, APAC, ROW)

Wireless data transmission in manufacturing and process control automation is gaining importance from both - market leaders and medium and small-sized companies. Successful usage of wireless sensors networks in industrial control systems such as supervisory control and data acquisition (SCADA) proves that these devices can effectively address the needs of industrial applications. With sensors getting smarter, smaller, lighter, and cheaper, the use of wireless sensor networks in industrial applications is growing by leaps and bounds. Temperature, pressure, level, and flow are the most measured parameters and sensors for these properties are common in the processing world. The other wireless sensors such as those for position, proximity, image, and security find large-scale use in manufacturing and process control applications. The “Industrial Wireless Sensor Networks Market” report forecasts deployment of wireless sensors in industries such as Oil & Gas, Water and Wastewater, Food & Beverages, Automotive, Power, Chemicals, Metal & Mining, Pharmaceuticals, Paper and Pulp, Others (Textile, Printing, Packaging etc).

The report also segments the market by geographies such as Americas, Europe, Asia-Pacific, and Rest of the World. Americas is segmented into two regions such as North America and South America, each of the geographic regions are further segmented by countries. Industrial wireless sensor networks market forecasts are provided for each

region from 2012 through 2017. Information contained in the report includes market sizes, revenue forecasts, value chain, market & product trends and regulations. Competitive information includes market shares of leading producers, key developments, strategy deployed to win, mergers and acquisitions, and joint ventures of key manufacturers.

The IWSN report details the needs of production capabilities integrated with self-tuning, self-diagnosing, and optimizing features of modern process control, which can help make both - startup activities and operational routines simpler and more efficient.

The report on IWSN market details the aggregation of products, equipment, components, systems and OEMs, and contractor services required to automate an industrial facility, production system, production line, or process infrastructure. This report also aims to capture the market roadmap with market sizes, revenue forecasts, market dynamics, value chain, application market & product trends, geographical analysis, price trends and regulations, competitive landscape, leading players, and their key developments, strategies and profiles, and case studies.

### **Scope of the report**

This research report classifies the Industrial Wireless Sensor Networks (IWSN) on the basis of different components of IWSN, market based on IWSN technologies, industrial applications and geographical market; forecasting revenue, and analyzing trends in the market.

Industrial Wireless Sensor Networks Systems based on technology

The technology-based IWSN market is segmented into following categories:  
WirelessHART, ISA100.11a, 6LoWPAN, Proprietary, and other technologies.

On the basis of components used in Industrial Wireless Sensor Networks Systems

IWSN component market based on Sensors, Microcontroller Chips, and Communication Modules

On the basis of application

The application market is segmented based on the industry application segments like Oil & Gas, Water and Wastewater, Food & Beverages, Automotive, Power, Chemicals, Metal & Mining, Pharmaceuticals, Paper and Pulp, and Others (Textile, Cement, Printing and Packaging etc). The market trends and future projections for these applications are discussed comprehensively.

On the basis of geography

Americas: North America and South America

Europe: U.K., Germany, France, Italy, Russia, and Rest of Europe

Asia-Pacific: China, Japan, India, Taiwan, South Korea, and Others

ROW: Middle East and Africa

Each section will provide market data, market drivers, trends and opportunities, key players, and competitive outlook. It will also provide market tables for covering the sub-segments and micro-markets. In addition, the report provides 22 extensive company profiles covering the sub-segments such as “overview”, “products & services”, “financials”, “strategy”, and “developments”.

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