Industrial Convergence Revolution: Smart Cities, Industry 4.0, Big Data in Manufacturing, and Industrial IoT 2016

Description: Smart Cities, Big Data in Manufacturing, and Industrial Internet of Things (IIoT) represent three key technology areas that are converging and will profoundly transform business and citizen lifestyles at the global level.

Smart Cities are much more than just an effort by sovereign nations to modernize their infrastructure - they are a focal point for growth drivers in several key ICT areas including: M2M/IoT, Connected Devices, Broadband Wireless, Cloud Computing, Big Data and Analytics. Smart City developments are causing many technologies and solutions to integrate with convergence seen across with many resource areas including energy, water, sanitation, and other essential services.

The manufacturing industry is rapidly transforming as technology, competition, and the evolving demands of global consumers dictate the need for continuously improving efficiencies and flexibility. The Internet of Things (IoT) will overtake human communications rapidly as there are vastly more objects in the world than humans, they can communicate much faster, much more frequently, and for many more reasons than humans.

IIoT represents a very important segment, which includes manufacturing, automation, and virtually any process or operation that does not directly involve direct consumer interaction. This research assesses Smart Cities, Big Data in Manufacturing, and Industrial IoT. This report evaluates how Big Data is helping manufacturing sector to design new business models, revamp operational process, and facilitate cost effective supply chain solutions.

We also provide key observations identified during the research, which provides information about perception and expectations of Big Data solutions in manufacturing. The report includes forecasts and quantitative data for Big Data in Manufacturing by sector, segment and region. We also evaluate the technologies, companies, solutions, and market outlook for IIoT. The report evaluates key trends, analyzes market drivers, and provides forecasting for IIoT.

Target Audience:
- IoT vendors
- Big Data vendors
- Manufacturing companies
- Telecom service providers
- Telecom equipment providers
- Global infrastructure suppliers
- Communications component providers
- Cloud services and datacenter companies
- Smartgrid and energy management companies
- Big data, analytics, and information processing companies
- Sovereign investment funds, hedge funds and private equity

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Smart City Business Drivers, Technologies, Companies, And Solutions: Global Outlook And Forecasts 2015 - 2020

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