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Internet of Nanoscale Things: Nano IoT Market Outlook and Forecasts 2017 - 2022

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Abstracts

OVERVIEW:

Nanoscience is a field of study concerned with manipulation of matter on an atomic, molecular, and supramolecular scale. Nanotechnology refers to the application of nanoscience to build nano-components based on the manipulation of matter with at least one dimension sized from 1 to 100 nanometers. Nanotechnology has been slowly progressing for decades and is anticipated to make a big impact in certain key industry verticals including aerospace, clothing, construction, energy management, healthcare, electronics, manufacturing, packaging, and more.

Leveraging computing and telecommunications technologies represents a substantial opportunity for nano-devices and nano-sensors to communicate as part of a nano-network. Autonomous nano-communications, supported by Internet of Things (IoT) technologies, will create the opportunity for signaling, monitoring, and control of nano-systems for the benefit of many industry verticals. Internet of Nanoscale Things (IoNT) networks represents nanotechnology embedded with physical things, leveraging IoT to form an interconnected system.

This research examines nanotechnology trends and assesses the future IoNT including integration of IoT systems with nano-sensors, nano-actuators, nano-devices, nano-machines, and other nano-components as part of a nano-system architecture for commercial solutions, services, and applications. The report evaluates current and anticipated nanotechnology use cases within the IoT ecosystem and assesses the market potential globally, regionally, and segmented by communication network, nano-device, nano-component, and industry vertical for the period 2017 to 2022. All purchases of Mind Commerce reports includes time with an expert analyst 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.

TARGET AUDIENCE:

IoT companies

Semiconductor companies

Network service providers

Nanotechnology providers

Industry verticals of all types

Government agencies and NGOs

REPORT BENEFITS:

Nano IoT forecasts 2017 to 2022

Understand nano-networks nano-communications

Identify emerging use cases and opportunities within IoNT

Understand the challenges of operating IoT at the nano scale

Learn about how Nano IoT will be used in different industries

Identify leading companies and solutions in nanotechnology and IoT

COMPANIES IN REPORT:

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