

Global Smart Sensors Market by Type (Touch Sensor, Image Sensor, Smart Temperature Sensor, Smart Motion Sensor, Smart Position Sensor, and Smart Pressure Sensor) and End User (Automotive industry, Consumer Electronics, Industrial, Infrastructure, Medical equipment, Others (Avionics, food & beverage) - Global Opportunities Analysis & Industry Forecast, 2014-2022

<https://marketpublishers.com/r/G8BE8757551EN.html>

Date: January 2017

Pages: 120

Price: US\$ 4,432.00 (Single User License)

ID: G8BE8757551EN

Abstracts

Smart sensor is a combination of a sensor with signal conditioning, embedded algorithms, and digital interface. These sensors enable collection of accurate environmental data with minimum level of noise. The global smart sensor market is anticipated to account for \$60 billion by 2022, growing at a CAGR of 19.2% from 2016 to 2022.

Smart sensor devices support advanced IT solutions, such as machine-to-machine communication and analytics; to measure temperature fluctuation, pressure acceleration, and others. These devices are applicable in a wide variety of energy-efficient environments, including smart grids, smart cities, and smart environments. Incorporation of smart sensor in vehicles, growth in demand for electronics devices such as smartphones, tablets, and others along with the Internet of Things (IoT) are the factors that fuel the smart sensors market. However, high deployment cost and privacy concern act as restraints for the market growth.

The report segments the global smart sensors market on the basis of sensor type, end user, and geography. Based on the type, the market is segmented into touch sensors, image sensors, smart temperature sensor, smart motion sensor, smart pressure sensor,

and smart position sensor.

By end user, the market is categorized into consumer electronics, automobiles, industrial infrastructure, medical, industrial, and others. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA

Some of the major players that operate in the global smart sensors market are Infineon Technologies AG, ABB Ltd., NXP Semiconductors N.V., Yokogawa Electric Corp, Analog Devices, Siemens AG, Renesas Electronics, STMicroelectronics N.V., and Eaton Corp.

KEY BENEFITS

The report includes an extensive analysis of drivers, restraints, and opportunities of the global smart sensors market.

The market projections from 2014 to 2022 are included in the report along with the impacting factors.

The report also provides quantitative as well as qualitative trends to assist the stakeholders to understand the situations prevailing in the market.

Competitive intelligence highlights the business practices followed by leading market players across various geographies.

GLOBAL SMART SENSORS MARKET SEGMENTATION

By Type

Image sensors

Smart motion sensors

Smart position sensors

Smart pressure sensors

Smart temperature sensors

Touch sensors

By End User

Automotive industry

Consumer Electronics

Industrial

Infrastructure

Medical equipment

Others (Avionics, food & beverage)

By Geography

North America

U.S.

Mexico

Canada

Europe

UK

Germany

France

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Companies

ABB Ltd.

Analog Devices

Eaton Corp

Emerson Process Management

Infineon Technologies AG

NXP Semiconductors N.V.

Renesas Electronics

Siemens AG

STMicroelectronics N.V

Yokogawa Electric Corp

Contents

CHAPTER: 1 INTRODUCTION

- 1.1 Report Description
- 1.2 Key Benefits
- 1.3 Key Market Segments
- 1.4 Research Methodology
 - 1.4.1 Secondary Research
 - 1.4.2 Primary Research
 - 1.4.3 Analyst Tools and Models

CHAPTER: 2 EXECUTIVE SUMMARY

- 2.1 Cxo Perspective

CHAPTER: 3 MARKET OVERVIEW

- 3.1 Market Definition and Scope
- 3.2 Key Findings
 - 3.2.1 Top Impacting Factors
 - 3.2.2 Top Winning Strategies
 - 3.2.3 Top Investment Pockets
- 3.4 Porters Five Forces Analysis
 - 3.4.1 Low Bargaining Power of Suppliers Due to Large Number of Suppliers and Low Switching Cost
 - 3.4.2 Moderate Bargaining Power of Buyer Due to High Demand, High Product Dependency, and Low Backward Integration
 - 3.4.3 Low Threat of Substitution Due to Product Differentiation and Brand Loyalty
 - 3.4.4 Low Threat of New Entrants Due to Presence of Dominant Players and High Investment Cost
 - 3.4.5 Presence of Numerous Players, Innovation and High Growth Rate Increase The Competitive Rivalry
- 3.5 Market Share Analysis, 2015
- 3.6 Drivers
 - 3.6.1 Robust Growth In The Automobile Sector Has Increased The Demand of Smart Sensors
 - 3.6.2 Inclination of Society Towards Internet of Things (Iot)
 - 3.6.3 Increase In Demand For Smart Phones, Tablets, and Other Electronic Devices

- 3.6.4 Development of Smart Cities
- 3.6.5 Rising Security Threats
- 3.7 Restraints
 - 3.7.1 High Deployment Cost
 - 3.7.2 Lack of Privacy
- 3.8 Opportunities
 - 3.8.1 Innovative Application In Biomedical Sector

CHAPTER: 4 WORLD SMART SENSOR MARKET, BY SENSOR TYPE

- 4.1 Introduction
- 4.2 Image Sensors
 - 4.2.1 Key Market Trends
 - 4.2.2 Key Growth Factors and Opportunities
 - 4.2.3 Market Size and Forecast
 - 4.2.4 North America Image Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.2.5 Europe Image Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.2.6 Asia-Pacific Image Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.2.7 LAMEA Image Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.3 Touch Sensors
 - 4.3.1 Key Market Trends
 - 4.3.2 Key Growth Factors and Opportunities
 - 4.3.3 Market Size and Forecast
 - 4.3.4 North America Touch Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.3.5 Europe Touch Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.3.6 Asia-Pacific Touch Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.3.7 LAMEA Touch Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.4 Smart Motion Sensors
 - 4.4.1 Key Market Trends
 - 4.4.2 Key Growth Factors and Opportunities
 - 4.4.3 Market Size and Forecast
 - 4.4.4 North America Smart Motion Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.4.5 Europe Smart Motion Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.4.6 Asia-Pacific Smart Motion Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.4.7 LAMEA Smart Motion Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.5 Smart Temperature Sensor
 - 4.5.1 Key Market Trends
 - 4.5.2 Key Growth Factors and Opportunities
 - 4.5.3 Market Size and Forecast

- 4.5.4 North America Smart Temperature Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.5.5 Europe Smart Temperature Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.5.6 Asia-Pacific Smart Temperature Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.5.7 LAMEA Smart Temperature Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.6 Smart Pressure Sensor
 - 4.6.1 Key Market Trends
 - 4.6.2 Key Growth Factors and Opportunities
 - 4.6.3 Market Size and Forecast
 - 4.6.4 North America Smart Pressure Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.6.5 Europe Smart Pressure Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.6.6 Asia-Pacific Smart Pressure Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.6.7 LAMEA Smart Pressure Sensor Market, (\$Million), Growth (%) 2014-2022
- 4.7 Smart Position Sensor
 - 4.7.1 Key Market Trends
 - 4.7.2 Key Growth Factors and Opportunities
 - 4.7.3 Market Size and Forecast
 - 4.7.4 North America Smart Position Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.7.5 Europe Smart Position Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.7.6 Asia-Pacific Smart Position Sensor Market, (\$Million), Growth (%) 2014-2022
 - 4.7.7 LAMEA Smart Position Sensor Market, (\$Million), Growth (%) 2014-2022

CHAPTER: 5 WORLD SMART SENSOR MARKET, BY END USER

- 5.1 Introduction
- 5.2 Industrial
 - 5.2.1 Key Market Trends
 - 5.2.2 Key Growth Factors and Opportunities
 - 5.2.3 Market Size and Forecast
 - 5.2.4 North America Smart Sensor Market, By Industrial Use (\$Million), Growth (%) 2014-2022
 - 5.2.5 Europe Smart Sensor Market, By Industrial Use (\$Million), Growth (%) 2014-2022
 - 5.2.6 Asia-Pacific Smart Sensor Market, By Industrial Use (\$Million), Growth (%) 2014-2022
 - 5.2.7 LAMEA Smart Sensor Market, By Industrial Use (\$Million), Growth (%) 2014-2022
- 5.3 Medical Equipment

5.3.1 Key Market Trends

5.3.2 Key Growth Factors and Opportunities

5.3.3 Market Size and Forecast

5.3.4 North America Smart Sensor Market, By Medical Equipment (\$Million), Growth (%) 2014-2022

5.3.5 Europe Smart Sensor Market By Use In Medical Equipment, (\$Million), Growth (%) 2014-2022

5.3.6 Asia-Pacific Smart Sensor Market, By Use In Medical Equipment (\$Million), Growth (%) 2014-2022

5.3.7 LAMEA Smart Sensor Market, By Use In Medical Equipment (\$Million), Growth (%) 2014-2022

5.4 Automotive Industry

5.4.1 Key Market Trends

5.4.2 Key Growth Factors and Opportunities

5.4.3 Market Size and Forecast

5.4.4 North America Smart Sensor Market, By Use In Automotive Industry (\$Million), Growth (%) 2014-2022

5.4.5 Europe Smart Sensor Market, By Use In Automotive Industry, (\$Million), Growth (%) 2014-2022

5.4.6 Asia-Pacific Smart Sensor Market, By Use In Automotive Industry (\$Million), Growth (%) 2014-2022

5.4.7 LAMEA Smart Sensor Market, By Use In Automotive Industry (\$Million), Growth (%) 2014-2022

5.5 Consumer Electronics

5.5.1 Key Market Trends

5.5.2 Key Growth Factors and Opportunities

5.5.3 Market Size and Forecast

5.5.4 North America Smart Sensor Market, By Use In Consumer Electronics (\$Million), Growth (%) 2014-2022

5.5.5 Europe Smart Sensor Market By Use In Consumer Electronics, (\$Million), Growth (%) 2014-2022

5.5.6 Asia-Pacific Smart Sensor Market, By Use In Consumer Electronics (\$Million), Growth (%) 2014-2022

5.5.7 LAMEA Smart Sensor Market, By Use In Consumer Electronics (\$Million), Growth (%) 2014-2022

5.6 Infrastructure

5.6.1 Key Market Trends

5.6.2 Key Growth Factors and Opportunities

5.6.3 Market Size and Forecast

5.6.4 North America Smart Sensor Market, By Use In Infrastructure (\$Million), Growth (%) 2014-2022

5.6.5 Europe Smart Sensor Market By Use In Infrastructure, (\$Million), Growth (%) 2014-2022

5.6.6 Asia-Pacific Smart Sensor Market, By Use In Infrastructure (\$Million), Growth (%) 2014-2022

5.6.7 LAMEA Smart Sensor Market, By Use In Infrastructure (\$Million), Growth (%) 2014-2022

5.7 Others (Avionics, Food and Beverages)

5.7.1 Key Market Trends

5.7.2 Key Growth Factors and Opportunities

5.7.3 Market Size and Forecast

5.7.4 North America Smart Sensor Market, By Use In Avionics, Food & Beverages (\$Million), Growth (%) 2014-2022

5.7.5 Europe Smart Sensor Market By Use In Avionics, Food & Beverages, (\$Million), Growth (%) 2014-2022

5.7.6 Asia-Pacific Smart Sensor Market, By Use In Avionics, Food & Beverages (\$Million), Growth (%) 2014-2022

5.7.7 LAMEA Smart Sensor Market, By Use In Avionics, Food & Beverages (\$Million), Growth (%) 2014-2022

CHAPTER: 6 WORLD SMART SENSOR MARKET, BY GEOGRAPHY

6.1 Introduction

6.2 North America

6.2.1 Key Market Trends

6.2.2 Key Growth Factors and Opportunities

6.2.3 Market Size and Forecast

6.2.4 U.S. Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.2.5 Canada Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.2.6 Mexico Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.3 Europe

6.3.1 Key Market Trends

6.3.2 Key Growth Factors and Opportunities

6.3.3 Market Size and Forecast

6.3.4 Germany Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.3.5 U.K. Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.3.6 Italy Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.3.7 France Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.3.8 Rest of Europe Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.4 Asia Pacific

6.4.1 Key Market Trends

6.4.2 Key Growth Factors and Opportunities

6.4.3 Market Size and Forecast

6.4.4 Japan Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.4.5 China Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.4.6 India Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.4.7 Rest of Asia-Pacific Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.5 Lamea

6.5.1 Key Market Trends

6.5.2 Key Growth Factors and Opportunities

6.5.3 Market Size and Forecast

6.5.4 Latin America Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.5.5 Middle East Smart Sensor Market, (\$Million), Growth (%) 2014-2022

6.5.6 Africa Smart Sensor Market, (\$Million), Growth (%) 2014-2022

CHAPTER: 7 COMPANY PROFILES

7.1 Abb LTD.

7.1.1 Company Overview

7.1.2 Operating Business Segments

7.1.3 Business Performance

7.1.4 Key Strategic Moves and Developments

7.2 Analog Devices

7.2.1 Company Overview

7.2.2 Operating Business Segments

7.2.3 Business Performance

7.2.4 Key Strategic Moves and Developments

7.3 Eaton Corp.

7.3.1 Company Overview

7.3.2 Operating Business Segments

7.3.3 Business Performance

7.3.4 Key Strategic Moves and Developments

7.4 Emerson Process Management

7.4.1 Company Overview

7.4.2 Operating Business Segments

7.4.3 Business Performance

7.4.4 Key Strategic Moves and Developments

- 7.5 Infineon Technologies AG
 - 7.5.1 Company Overview
 - 7.5.2 Operating Business Segments
 - 7.5.3 Business Performance
 - 7.5.4 Key Strategic Moves and Developments
- 7.6 Nxp Semiconductors N.V.
 - 7.6.1 Company Overview
 - 7.6.2 Operating Business Segments
 - 7.6.3 Business Performance
 - 7.6.4 Key Strategic Moves and Developments
- 7.7 Renesas Electronics
 - 7.7.1 Company Overview
 - 7.7.2 Operating Business Segments
 - 7.7.3 Business Performance
 - 7.7.4 Key Strategic Moves and Developments
- 7.8 Siemens AG
 - 7.8.1 Company Overview
 - 7.8.2 Operating Business Segments
 - 7.8.3 Business Performance
 - 7.8.4 Key Strategic Moves and Developments
- 7.9 Stmicroelectronics N.V.
 - 7.9.1 Company Overview
 - 7.9.2 Operating Business Segments
 - 7.9.3 Business Performance
 - 7.9.4 Key Strategic Moves and Developments
- 7.10 Yokogawa Electric Corp
 - 7.10.1 Company Overview
 - 7.10.2 Operating Business Segments
 - 7.10.3 Business Performance
 - 7.10.4 Key Strategic Moves and Developments

List Of Tables

LIST OF TABLES

TABLE 1 WORLD SMART SENSOR MARKET SNAPSHOT

TABLE 2 WORLD IMAGE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 3 NORTH AMERICA IMAGE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 4 EUROPE IMAGE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 5 ASIA-PACIFIC IMAGE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 6 LAMEA IMAGE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 7 WORLD TOUCH SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 8 NORTH AMERICA TOUCH SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 9 EUROPE TOUCH SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 10 ASIA-PACIFIC TOUCH SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 11 LAMEA TOUCH SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 12 WORLD MOTION SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 13 NORTH AMERICA SMART MOTION SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 14 EUROPE SMART MOTION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 15 ASIA-PACIFIC SMART MOTION SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 16 LAMEA SMART MOTION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 17 WORLD SMART TEMPERATURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 18 NORTH AMERICA SMART TEMPERATURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 19 EUROPE SMART TEMPERATURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 20 ASIA-PACIFIC SMART TEMPERATURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 21 LAMEA SMART TEMPERATURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 22 WORLD SMART PRESSURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 23 NORTH AMERICA SMART PRESSURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 24 EUROPE SMART PRESSURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 25 ASIA-PACIFIC SMART PRESSURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 26 LAMEA SMART PRESSURE SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 27 WORLD SMART POSITION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 28 NORTH AMERICA SMART POSITION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 29 EUROPE SMART POSITION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 30 ASIA-PACIFIC SMART POSITION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 31 LAMEA SMART POSITION SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 32 WORLD SMART SENSOR MARKET, BY INDUSTRIAL USE (\$MILLION), GROWTH (%)2014-2022

TABLE 33 NORTH AMERICA SENSOR MARKET, BY INDUSTRIAL USE (\$MILLION), GROWTH (%)2014-2022

TABLE 34 EUROPE SMART SENSOR MARKET, BY INDUSTRIAL USE (\$MILLION), GROWTH (%)2014-2022

TABLE 35 ASIA-PACIFIC SMART SENSOR MARKET, BY INDUSTRIAL USE (\$MILLION), GROWTH (%)2014-2022

TABLE 36 LAMEA SMART SENSOR MARKET, BY INDUSTRIAL USE (\$MILLION), GROWTH (%)2014-2022

TABLE 37 WORLD SMART SENSOR MARKET, BY MEDICAL EQUIPMENT (\$MILLION), GROWTH (%)2014-2022

TABLE 38 NORTH AMERICA SMART SENSOR MARKET, BY USE IN MEDICAL EQUIPMENT (\$MILLION), GROWTH (%)2014-2022

TABLE 39 EUROPE SMART SENSOR MARKET, BY USE IN MEDICAL EQUIPMENT (\$MILLION), GROWTH (%)2014-2022

TABLE 40 ASIA-PACIFIC SMART SENSOR MARKET, BY USE IN MEDICAL EQUIPMENT (\$MILLION), GROWTH (%)2014-2022

TABLE 41 LAMEA SMART SENSOR MARKET, BY USE IN MEDICAL EQUIPMENT

(\$MILLION), GROWTH (%)2014-2022

TABLE 42 WORLD SMART SENSOR MARKET, BY USE IN AUTOMOTIVE INDUSTRY(\$MILLION), GROWTH (%)2014-2022

TABLE 43 NORTH AMERICA SMART SENSOR MARKET,BY USE IN USE IN AUTOMOTIVE INDUSTRY (\$MILLION), GROWTH (%)2014-2022

TABLE 44 EUROPE SMART SENSOR MARKET,BY USE IN AUTOMOTIVE INDUSTRY (\$MILLION), GROWTH (%)2014-2022

TABLE 45 ASIA-PACIFIC SMART SENSOR MARKET, BY USE IN AUTOMOTIVE INDUSTRY (\$MILLION), GROWTH (%)2014-2022

TABLE 46 LAMEA SMART SENSOR MARKET, BY USE IN AUTOMOTIVE INDUSTRY (\$MILLION), GROWTH (%)2014-2022

TABLE 47 WORLD SMART SENSOR MARKET, BY USE IN CONSUMER ELECTRONICS (\$MILLION), GROWTH (%), 2014-2022

TABLE 48 NORTH AMERICA SMART SENSOR MARKET,BY USE IN USE IN CONSUMER ELECTRONICS (\$MILLION), GROWTH (%)2014-2022

TABLE 49 EUROPE SMART SENSOR MARKET,BY USE IN CONSUMER ELECTRONICS (\$MILLION), GROWTH (%)2014-2022

TABLE 50 ASIA-PACIFIC SMART SENSOR MARKET, BY USE IN CONSUMER ELECTRONICS (\$MILLION), GROWTH (%)2014-2022

TABLE 51 LAMEA SMART SENSOR MARKET, BY USE IN CONSUMER ELECTRONICS (\$MILLION), GROWTH (%)2014-2022

TABLE 52 WORLD SMART SENSOR MARKET, BY USE IN INFRASTRUCTURE (\$MILLION), GROWTH (%), 2014-2022

TABLE 53 NORTH AMERICA SMART SENSOR MARKET,BY USE IN INFRASTRUCTURE (\$MILLION), GROWTH (%), 2014-2022

TABLE 54 EUROPE SMART SENSOR MARKET, BY USE IN INFRASTRUCTURE (\$MILLION), GROWTH (%), 2014-2022

TABLE 55 ASIA-PACIFIC SMART SENSOR MARKET, BY USE IN INFRASTRUCTURE (\$MILLION), GROWTH (%)2014-2022

TABLE 56 LAMEA SMART SENSOR MARKET, BY USE IN INFRASTRUCTURE (\$MILLION), GROWTH (%)2014-2022

TABLE 57 WORLD SMART SENSOR MARKET, BY USE IN AVIONICS, FOOD & BEVERAGES (\$MILLION), GROWTH (%)2014-2022

TABLE 58 NORTH AMERICA SMART SENSOR MARKET,BY USE IN AVIONICS, FOOD & BEVERAGES (\$MILLION), GROWTH (%)2014-2022

TABLE 59 EUROPE SMART SENSOR MARKET,BY USE IN AVIONICS, FOOD & BEVERAGES (\$MILLION), GROWTH (%)2014-2022

TABLE 60 ASIA-PACIFIC SMART SENSOR MARKET, BY USE IN AVIONICS, FOOD & BEVERAGES (\$MILLION), GROWTH (%)2014-2022

TABLE 61 LAMEA SMART SENSOR MARKET, BY USE IN AVIONICS, FOOD & BEVERAGES (\$MILLION), GROWTH (%)2014-2022

TABLE 62 NORTH AMERICA SMART SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 63 U.S. SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 64 CANAD SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 65 MEXICO SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 66 EUROPE SMART SENSOR MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 67 GERMANY SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 68 U.K. SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 69 ITALY SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 70 FRANCE SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 71 REST of EUROPE SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 72 ASIA- PACIFIC MARKET, (\$MILLION), GROWTH (%)2014-2022

TABLE 73 JAPAN SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 74 CHINA SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 75 INDIA SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 76 REST of ASIA-PACIFIC SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 77 LAMEA SMART SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 78 LATIN AMERICA SMART SENSOR MARKET, (\$MILLION), GROWTH (%), 2014-2022

TABLE 79 MIDDLE EAST SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 80 AFRICA SMART SENSOR MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 81 ABB LTD.: COMPANY SNAPSHOT

TABLE 82 ABB LTD.: OPERATING SEGMENTS

TABLE 83 ANALOG DEVICES: COMPANY SNAPSHOT

TABLE 84 ANALOG DEVICES: OPERATING SEGMENTS

TABLE 85 EATON CORP: COMPANY SNAPSHOT

TABLE 86 EATON CORP.: OPERATING SEGMENTS

TABLE 87 EMERSON PROCESS MANAGEMENT: COMPANY SNAPSHOT

TABLE 88 EMERSON PROCESS MANAGEMENT: OPERATING SEGMENTS
TABLE 89 INFINEON TECHNOLOGIES AG: COMPANY SNAPSHOT
TABLE 90 INFINEON TECHNOLOGIES AG: OPERATING SEGMENTS
TABLE 91 NXP SEMICONDUCTORS N.V.: COMPANY SNAPSHOT
TABLE 92 NXP SEMICONDUCTORS N.V.: OPERATING SEGMENTS
TABLE 93 RENESAS ELECTRONICS: COMPANY SNAPSHOT
TABLE 94 RENESAS ELECTRONICS: OPERATING SEGMENTS
TABLE 95 SIEMENS AG: COMPANY SNAPSHOT
TABLE 96 SIEMENS AG: OPERATING SEGMENTS
TABLE 97 STMICROELECTRONICS N.V: COMPANY SNAPSHOT
TABLE 98 STMICROELECTRONICS N.V: OPERATING SEGMENTS
TABLE 99 YOKOGOWA ELECTRIC CORP: COMPANY SNAPSHOT
TABLE 100 YOKOGOWA ELECTRIC CORP: OPERATING SEGMENTS

List Of Figures

LIST OF FIGURES

FIG. 1 TOP IMPACTING FACTORS

FIG. 2 TOP WINNING STRATEGIES IN THE SMART SENSOR MARKET (2013-2016)

FIG. 3 TOP WINNING STRATEGIES (%) (2013-2016)

FIG. 4 TOP INVESTMENT POCKETS

FIG. 5 PORTERS FIVE FORCES ANALYSIS of SMART SENSOR MARKET

FIG. 6 MARKET SHARE ANALYSIS of SMART SENSOR MARKET, 2015

FIG. 7 TABLE: NUMBER of IOT BASED DEVICES INSTALLED BY CATEGORY
(MILLIONS of UNITS), 2014-2020

FIG. 8 TERRORIST ATTACKS IN MAJOR COUNTRIES, 2014

FIG. 9 WORLD SMART SENSOR MARKET, BY SENSOR TYPE (%), 2014

FIG. 10 WORLD SMART SENSOR MARKET, BY IMAGE SENSOR, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 11 WORLD SMART SENSOR MARKET, BY TOUCH TYPE, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 12 WORLD SMART SENSOR MARKET, BY SMART MOTION, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 13 WORLD SMART SENSOR MARKET, BY SENSOR TYPE, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 14 WORLD SMART SENSOR MARKET, BY PRESSURE SENSOR, YEAR ON
YEAR GROWTH (%), 2015-2022

FIG. 15 WORLD POSITION SENSOR MARKET, BY SENSOR TYPE, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 16 WORLD SMART SENSOR MARKET REVENUE, BY END USER (%), 2015

FIG. 17 WORLD SMART SENSOR MARKET, BY INDUSTRIAL USE, YEAR ON YEAR
GROWTH(%), 2015-2022

FIG. 18 WORLD SMART SENSOR MARKET, BY MEDICAL EQUIPMENT, YEAR ON
YEAR GROWTH(%), 2015-2022

FIG. 19 WORLD SMART SENSOR MARKET, BY USE IN AUTOMOTIVE INDUSTRY,
YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 20 WORLD SMART SENSOR MARKET, BY USE IN CONSUMER
ELECTRONICS, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 21 WORLD SMART SENSOR MARKET, BY USE IN INFRASTRUCTURE, YEAR
ON YEAR GROWTH(%), 2015-2022

FIG. 22 WORLD SMART SENSOR MARKET, BY USE IN AVIONICS, FOOD &
BEVERAGES, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 23 WORLD SMART SENSORS MARKET BY GEOGRAPHY, 2015(PIE CHART of GLOBAL NUMBERS BY GEOGRAPHY)

FIG. 24 WORLD SMART SENSOR MARKET, BY NORTH AMERICA REGION, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 25 WORLD SMART SENSOR MARKET, BY EUROPE REGION, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 26 ABB LTD.:COMPANY SNAPSHOT

FIG. 27 ANALOG DEVICES:COMPANY SNAPSHOT

FIG. 28 EATON CORP.:COMPANY SNAPSHOT

FIG. 29 EMERSON PROCESS MANAGEMENT:COMPANY SNAPSHOT

FIG. 30 INFINEON TECHNOLOGIES AG:COMPANY SNAPSHOT

FIG. 31 NXP SEMICONDUCTORS N.V.:COMPANY SNAPSHOT

FIG. 32 RENESAS ELECTRONICS:COMPANY SNAPSHOT

FIG. 33 SIEMENS AG:COMPANY SNAPSHOT

FIG. 34 STMICROELECTRONICS N.V.:COMPANY SNAPSHOT

FIG. 35 YOKOGAWA ELECTRIC CORP:COMPANY SNAPSHOT

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