

Internet of Things Device Hardware and Software: IoT Semiconductors, RTOS, Embedded Systems, and Device Management 2017 - 2022

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Abstracts

Internet of Things (IoT) hardware and software consists of specialized semiconductor chipsets, real-time operating systems (RTOS), embedded system components, and device management systems.

Chipsets for IoT are designed with unique factors in mind such as the need for optimal energy efficiency. IoT equipment and devices require RTOS to manage various real-time processes including analytics. Embedded systems for IoT demand a different set of microprocessors, drivers, peripherals, batteries and operating systems than conventional deployments. IoT device lifecycle support requires certain IoT Device Management functions including Enrollment/Provisioning, Configuration/Association, Software Updates, and overall Management and Control.

This research evaluates the companies, technologies, and solutions for Device Hardware and Software. Areas covered include IoT Chipsets, IoT RTOS, IoT in Embedded Systems, and IoT Device Management. 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.

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Contents

1 EXECUTIVE SUMMARY

2 INTRODUCTION

- 2.1 The Evolving Chipset Marketplace
- 2.2 Growth Drivers for Chipsets in IoT
- 2.3 Chipsets in IoT Devices, Gateways, and Platforms
- 2.4 Unique Requirements for IoT Chipsets

3 CHIPSET COMPANIES AND SOLUTIONS

3.1 AMD

- 3.1.1 Overview
- 3.1.2 Overall IoT Technologies/Solutions
- 3.1.3 IoT Chipset Offerings
- 3.1.4 Current Status

3.2 Arduino

- 3.2.1 Overview
- 3.2.2 Overall IoT Technologies/Solutions
- 3.2.3 IoT Chipset Offerings
- 3.2.4 Current Status

3.3 ARM Holdings PLC.

- 3.3.1 Overview
- 3.3.2 Overall IoT Technologies/Solutions
- 3.3.3 IoT Chipset Offerings
- 3.3.4 Current Status

3.4 Atmel Corporation

- 3.4.1 Overview
- 3.4.2 Overall IoT Technologies/Solutions
- 3.4.3 IoT Chipset Offerings
- 3.4.4 Current Status

3.5 Cypress Semiconductor

- 3.5.1 Overview
- 3.5.2 Overall IoT Technologies/Solutions
- 3.5.3 IoT Chipset Offerings
- 3.5.4 Current Status

3.6 Electric Imp

- 3.6.1 Overview
- 3.6.2 Overall IoT Technologies/Solutions
- 3.6.3 IoT Chipset Offerings
- 3.6.4 Current Status
- 3.7 Freescale Semiconductor (NXP Semiconductors)
 - 3.7.1 Overview
 - 3.7.2 Overall IoT Technologies/Solutions
 - 3.7.3 IoT Chipset Offerings
 - 3.7.4 Current Status
- 3.8 Intel
 - 3.8.1 Overview
 - 3.8.2 Overall IoT Technologies/Solutions
 - 3.8.3 IoT Chipset Offerings
 - 3.8.4 Current Status
- 3.9 Marvell Technology Group
 - 3.9.1 Overview
 - 3.9.2 Overall IoT Technologies/Solutions
 - 3.9.3 IoT Chipset Offerings
 - 3.9.4 Current Status
- 3.10 MediaTek Inc.
 - 3.10.1 Overview
 - 3.10.2 Overall IoT Technologies/Solutions
 - 3.10.3 IoT Chipset Offerings
 - 3.10.4 Current Status
- 3.11 Microchip Technology Inc.
 - 3.11.1 Overview
 - 3.11.2 Overall IoT Technologies/Solutions
 - 3.11.3 IoT Chipset Offerings
 - 3.11.4 Current Status
- 3.12 Nvidia
 - 3.12.1 Overview
 - 3.12.2 Overall IoT Technologies/Solutions
 - 3.12.3 IoT Chipset Offerings
 - 3.12.4 Current Status
- 3.13 Qualcomm
 - 3.13.1 Company Overview
 - 3.13.2 Overall IoT Technologies/Solutions
 - 3.13.3 IoT Chipset Offerings
 - 3.13.4 Current Status

3.14 Renesas Electronics

3.14.1 Overview

3.14.2 Overall IoT Technologies/Solutions

3.14.3 IoT Chipset Offerings

3.14.4 Current Status

3.15 Samsung Electronics

3.15.1 Overview

3.15.2 Overall IoT Technologies/Solutions

3.15.3 IoT Chipset Offerings

3.15.4 Current Status

3.16 Semtech

3.16.1 Overview

3.16.2 Overall IoT Technologies/Solutions

3.16.3 IoT Chipset Offerings

3.16.4 Current Status

3.17 Silicon Labs

3.17.1 Overview

3.17.2 Overall IoT Technologies/Solutions

3.17.3 IoT Chipset Offerings

3.17.4 Current Status

3.18 STMicroelectronics

3.18.1 Overview

3.18.2 Overall IoT Technologies/Solutions

3.18.3 IoT Chipset Offerings

3.18.4 Current Status

3.19 Texas Instruments

3.19.1 Company Overview

3.19.2 Overall IoT Technologies/Solutions

3.19.3 IoT Chipset Offerings

3.19.4 Current Status

3.20 Whiznets

3.20.1 Overview

3.20.2 Overall IoT Technologies/Solutions

3.20.3 IoT Chipset Offerings

3.20.4 Current Status

4 IOT CHIP MARKET FORECAST

4.1 Global Market 2017 - 2022

- 4.1.1 Combined IoT Chip Market
- 4.1.2 IoT Chip Market by Semiconductor Components
- 4.1.3 IoT Chip Market by Industrial Vertical
 - 4.1.3.1 Industrial Segment: Semiconductor Components & MEMS Components
 - 4.1.3.2 Healthcare Segment: Semiconductor Components, MEMS Components & Products
 - 4.1.3.3 Automotive & Transportation Segment: Semiconductor Components & MEMS Components
 - 4.1.3.4 Smart Building Segment: Semiconductor Components, MEMS Components & Products
 - 4.1.3.5 Consumer Electronics Segment: Semiconductor Components, MEMS Components & Products
 - 4.1.3.6 Wearable Device Segment: Semiconductor Components, MEMS Components & Products
- 4.1.4 IoT Chip Vendor Market Share
- 4.2 Regional Market Forecasts 2017 – 2022
 - 4.2.1 APAC Market: Industry Vertical, Semiconductor Components & Country
 - 4.2.2 Europe Market: Industry Vertical, Semiconductor Components & Country
 - 4.2.3 North America Market: Industry Vertical, Semiconductor Components & Country
 - 4.2.4 Latin America Market: Industry Vertical, Semiconductor Components & Country
 - 4.2.5 MEA Market: Industry Vertical, Semiconductor Components & Country
- 4.3 Country Market Forecasts 2017 – 2022
 - 4.3.1 China Market: Industry Vertical & Semiconductor Components
 - 4.3.2 Japan Market: Industry Vertical & Semiconductor Components
 - 4.3.3 Korea Market: Industry Vertical & Semiconductor Components
 - 4.3.4 Germany Market: Industry Vertical & Semiconductor Components
 - 4.3.5 France Market: Industry Vertical & Semiconductor Components
 - 4.3.6 UK Market: Industry Vertical & Semiconductor Components
 - 4.3.7 Italy Market: Industry Vertical & Semiconductor Components
 - 4.3.8 US Market: Industry Vertical & Semiconductor Components
 - 4.3.9 Canada Market: Industry Vertical & Semiconductor Components
 - 4.3.10 Brazil Market: Industry Vertical & Semiconductor Components
 - 4.3.11 Mexico Market: Industry Vertical & Semiconductor Components
 - 4.3.12 South Africa Market: Industry Vertical & Semiconductor Components
 - 4.3.13 UAE Market: Industry Vertical & Semiconductor Components

5 CONCLUSIONS AND RECOMMENDATIONS

List Of Figures

LIST OF FIGURES

Figure 1: RTOS Feature/Functionality

Figure 2: RTOS System Tasks and States

Figure 3: Chipset Communications to the Cloud

Figure 4: Smart Connected Solutions

Figure 5: Quark Processor

Figure 6: WiFi Microcontroller

Figure 7: IoT Applications

Figure 8: Chipsets and IoT Platform

Figure 9: Global IoT Chip Market 2017 – 2022

Figure 10: Global RTOS Embedded System Market 2017 - 2022

List Of Tables

LIST OF TABLES

Table 1: Global IoT Chip Market by Semiconductor Components 2017 - 2022

Table 2: Global IoT Chip Market by Industry Vertical 2017 - 2022

Table 3: Industrial Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 4: Industrial Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 5: Healthcare Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 6: Healthcare Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 7: Healthcare Segment: IoT Chip Market by Products 2017 - 2022

Table 8: Automotive & Transportation Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 9: Automotive & Transportation Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 10: Smart Building Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 11: Smart Building Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 12: Smart Building Segment: IoT Chip Market by Products 2017 - 2022

Table 13: Consumer Electronics Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 14: Consumer Electronics Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 15: Consumer Electronics Segment: IoT Chip Market by Products 2017 - 2022

Table 16: Wearable Device Segment: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 17: Wearable Device Segment: IoT Chip Market by Semiconductor MEMS Components 2017 - 2022

Table 18: Wearable Device Segment: IoT Chip Market by Products 2017 - 2022

Table 19: IoT Chip Market Share by Vendor 2016

Table 20: IoT Chip Market by Region 2017 - 2022

Table 21: APAC: IoT Chip Market by Industry Vertical 2017 - 2022

Table 22: APAC: IoT Chip Market by Semiconductor Components 2017 - 2022

Table 23: APAC: IoT Chip Market by Country 2017 - 2022

Table 24: Europe: IoT Chip Market by Industry Vertical 2017 - 2022
Table 25: Europe: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 26: Europe: IoT Chip Market by Country 2017 - 2022
Table 27: North America: IoT Chip Market by Industry Vertical 2017 - 2022
Table 28: North America: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 29: North America: IoT Chip Market by Country 2017 - 2022
Table 30: Latin America: IoT Chip Market by Industry Vertical 2017 - 2022
Table 31: Latin America: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 32: Latin America: IoT Chip Market by Country 2017 - 2022
Table 33: MEA: IoT Chip Market by Industry Vertical 2017 - 2022
Table 34: MEA: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 35: MEA: IoT Chip Market by Country 2017 - 2022
Table 36: China: IoT Chip Market by Industry Vertical 2017 - 2022
Table 37: China: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 38: Japan: IoT Chip Market by Industry Vertical 2017 - 2022
Table 39: Japan: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 40: Korea: IoT Chip Market by Industry Vertical 2017 - 2022
Table 41: Korea: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 42: Germany: IoT Chip Market by Industry Vertical 2017 - 2022
Table 43: Germany: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 44: France: IoT Chip Market by Industry Vertical 2017 - 2022
Table 45: France: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 46: UK: IoT Chip Market by Industry Vertical 2017 - 2022
Table 47: UK: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 48: Italy: IoT Chip Market by Industry Vertical 2017 - 2022
Table 49: Italy: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 50: US: IoT Chip Market by Industry Vertical 2017 - 2022
Table 51: US: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 52: Canada: IoT Chip Market by Industry Vertical 2017 - 2022
Table 53: Canada: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 54: Brazil: IoT Chip Market by Industry Vertical 2017 - 2022
Table 55: Brazil: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 56: Mexico: IoT Chip Market by Industry Vertical 2017 - 2022
Table 57: Mexico: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 58: South Africa: IoT Chip Market by Industry Vertical 2017 - 2022
Table 59: South Africa: IoT Chip Market by Semiconductor Components 2017 – 2022
Table 60: UAE: IoT Chip Market by Industry Vertical 2017 - 2022
Table 61: UAE: IoT Chip Market by Semiconductor Components 2017 – 2022

RTOS FOR IOT: MARKET ANALYSIS AND FORECASTS 2017 – 2022

1 INTRODUCTION

1.1 What is Real-time Operating System?

1.1.1 Real-Time Kernel

1.1.2 MCU vs. MPU

1.1.3 Real-Time System and RTOS

1.2 Real-Time Computing vs. RTOS: Key Features of RTOS System

1.2.1 Multi-tasking

1.2.2 Scheduler

1.2.3 Precise Timing

1.2.4 Memory Management

1.2.5 Reliability

1.2.6 Task Communication

1.3 How RTOS System Functions?

1.3.1 Task Management

1.3.2 Scheduling

1.3.3 Resource Allocation

1.3.4 Interrupt Handling

1.4 RTOS System vs. General Purpose OS

1.4.1 Priorities

1.4.2 Interrupt Latency

1.4.3 Performance

1.4.4 Traditional or General Purpose OS vs. RTOS

1.5 RTOS System and Deployment Challenges

1.6 RTOS System Types

1.6.1 Hard Real-time Operating System (RTOS)

1.6.2 Firm Real-time Operating System (RTOS)

1.6.3 Soft Real-time Operating System (RTOS)

2 RTOS VALUE CHAIN, ARCHITECTURE, AND SOFTWARE ECOSYSTEM

2.1 RTOS Value Chain

2.2 RTOS Software as Embedded System

2.2.1 Requirements of RTOS Software

2.2.1.1 Scalability

2.2.1.2 Modularity

2.2.1.3 Connected

- 2.2.1.4 Reliability
- 2.2.2 Industrial vs. Consumer IoT Requirements
- 2.2.3 Linux as RTOS Platform
- 2.2.4 Embedded System Reliability
- 2.3 Architecture of RTOS System
 - 2.3.1 RTOS Design Process
 - 2.3.2 Applications of RTOS
 - 2.3.3 Performance Monitoring and Optimization of RTOS System
 - 2.3.3.1 Memory Footprint
 - 2.3.3.2 Interrupt Latency
 - 2.3.3.3 Timing Kernel Service

3 EMBEDDED RTOS IOT MARKET AND FORECASTS

- 3.1 Global RTOS Embedded IoT System Market 2017 – 2022
- 3.2 Regional RTOS Embedded IoT System Market 2017 – 2022
- 3.3 Global RTOS Embedded IoT System Market by Segment 2017 – 2022
 - 3.3.1 RTOS Embedded Hardware: Consumer vs. Industrial IoT
 - 3.3.2 RTOS Software: Consumer vs. Industrial IoT and Programming Languages
 - 3.3.3 RTOS Embedded Micro-components: MCUs vs. MPUs
 - 3.3.4 RTOS Embedded MEMS Components: Consumer vs. Industrial IoT and Type of Components
 - 3.3.4.1 Micro-Electronics
 - 3.3.4.2 Micro-Sensors
 - 3.3.4.3 Micro-Actuators
 - 3.3.4.4 Micro-Structures
- 3.4 Global RTOS Embedded IoT System Market by Application Sector 2017 – 2022
 - 3.4.1 Automotive
 - 3.4.2 Industrial Automation
 - 3.4.3 Consumer Electronics
 - 3.4.4 Healthcare
 - 3.4.5 Telecommunications
 - 3.4.6 Military and Defense
 - 3.4.7 Smart Home System
 - 3.4.8 Connected Appliances
- 3.5 Global RTOS Embedded IoT System Market by Business Model 2017 – 2022
 - 3.5.1 Commercially Licensed RTOS
 - 3.5.2 Open Source RTOS
 - 3.5.3 Open Source Linux

3.5.4 Commercial Linux

3.6 North America Market 2017 – 2022

3.6.1 SWOT Analysis

3.6.2 North America Market Forecasts: Segments vs. Application vs. Business Model vs. Country

3.6.2.1 USA Market Forecasts: Segment vs. Application vs. Business Model

3.6.2.2 Canada Market Forecasts: Segment vs. Application vs. Business Model

3.7 APAC Market 2017 – 2022

3.7.1 SWOT Analysis

3.7.2 APAC Market Forecasts: Segments vs. Application vs. Business Model vs. Country

3.7.2.1 China Market Forecasts: Segment vs. Application vs. Business Model

3.7.2.2 India Market Forecasts: Segment vs. Application vs. Business Model

3.7.2.3 Japan Market Forecasts: Segment vs. Application vs. Business Model

3.7.2.4 South Korea Market Forecasts: Segment vs. Application vs. Business Model

3.7.2.5 South East Asia (SEA) Market Forecasts: Segment vs. Application vs.

Business Model

3.8 Europe Market 2017 – 2022

3.8.1 SWOT Analysis

3.8.2 Europe Market Forecasts: Segments vs. Application vs. Business Model vs. Country

3.8.2.1 UK Market Forecasts: Segment vs. Application vs. Business Model

3.8.2.2 Germany Market Forecasts: Segment vs. Application vs. Business Model

3.8.2.3 France Market Forecasts: Segment vs. Application vs. Business Model

3.9 Latin America Market 2017 – 2022

3.9.1 SWOT Analysis

3.9.2 Latin America Market Forecasts: Segments vs. Application vs. Business Model vs. Country

3.9.2.1 Brazil Market Forecasts: Segment vs. Application vs. Business Model

3.9.2.2 Mexico Market Forecasts: Segment vs. Application vs. Business Model

3.10 Middle East and Africa (MEA) Market 2017 – 2022

3.10.1 SWOT Analysis

3.10.2 MEA Market Forecasts: Segments vs. Application vs. Business Model vs. Country

3.10.2.1 UAE Market Forecasts: Segment vs. Application vs. Business Model

3.10.2.2 South Africa Market Forecasts: Segment vs. Application vs. Business Model

4 EMBEDDED RTOS SHIPMENT FORECASTS

4.1 Global RTOS Embedded Connected IoT Device Shipment 2017 – 2022

4.1.1 Global RTOS Embedded Connected IoT Device Shipment: Segment vs. Application Sector

4.1.2 Regional RTOS Embedded Connected IoT Device Shipment: Regions vs. Country

4.2 Global RTOS Embedded MCUs Shipment 2017 – 2022

4.2.1 Global RTOS Embedded MCUs Shipment: Type vs. Application Sector

4.2.2 Regional RTOS Embedded MCUs Shipment: Regions vs. Country

4.3 Global RTOS Embedded MPUs Shipment 2017 – 2022

4.3.1 Global RTOS Embedded MPUs Shipment: Type vs. Application Sector

4.3.2 Regional RTOS Embedded MPUs Shipment: Regions vs. Country

4.4 Global RTOS Embedded MEMS Component Shipment 2017 – 2022

4.4.1 Global RTOS Embedded MEMS Component Shipment: Type vs. Application Sector

4.4.2 Regional RTOS Embedded MEMS Component Shipment: Regions vs. Country

5 RTOS PLATFORMS AND SOLUTIONS

5.1 Linux Zephyr Project

5.2 Google Brillo and Weave

5.3 FreeRTOS

5.4 Contiki

5.5 RIOT

5.6 TinyOS

5.7 OpenWSN

5.8 Wind River VxWorks

5.9 ARM mbed OS

5.10 LiteOS (Huawei)

5.11 Windows 10 for IoT

5.12 Nucleus RTOS

5.13 Green Hill's Integrity

5.14 Samsung's Tizen

5.15 Micrium μ C/OS-II

5.16 LynxOS RTOS

5.17 Windows Embedded Compact

5.18 TI-RTOS

5.19 RTEMS

5.20 QNX

5.21 ThreadX

5.22 Fusion RTOS

6 RTOS SOFTWARE AND COMPONENT VENDOR ANALYSIS

6.1 Embedded RTOS Software Vendor Market Share 2016

6.2 RTOS Embedded Component Vendor Market Share

7 CONCLUSIONS AND RECOMMENDATIONS

LIST OF FIGURES

Figure 1: Key Features of RTOS System and Related Components

Figure 2: RTOS System Task States and Inter Task Connectivity

Figure 3: RTOS System: Time vs. Quality vs. Deadline

Figure 4: RTOS Value Chain Partners

Figure 5: Software Stack of Low Power Industrial IoT and Consumer IoT Devices

Figure 6: RTOS Architecture: Kernel and Modules

Figure 7: Interrupt Latency and RTOS Performance

Figure 8: Global RTOS Embedded IoT System Market 2017 - 2022

Figure 9: Global RTOS Embedded Connected IoT Device 2017 – 2022

Figure 10: Global RTOS Embedded MCUs Shipment 2017 - 2022

Figure 11: Global RTOS Embedded MPUs Shipment 2017 - 2022

Figure 12: Global RTOS Embedded MEMS Component Shipment 2017 - 2022

Figure 13: Integrity RTOS Architecture

Figure 14: Tizen IoT Ecosystem

LIST OF TABLES

Table 1: RTOS Embedded IoT System Market by Region 2017 - 2022

Table 2: Global RTOS Embedded IoT System Market by Segment 2017 - 2022

Table 3: Global RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 - 2022

Table 4: Global RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 - 2022

Table 5: Global RTOS Software Market by Programming Languages 2017 - 2022

Table 6: Global RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 - 2022

Table 7: Global RTOS Embedded MCUs Market by Type: 8bit vs. 16bit vs. 32bit 2017 - 2022

Table 8: Global RTOS Embedded MPUs Market by Type: 8bit vs. 16bit vs. 32bit 2017 - 2022

Table 9: Global RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 - 2022

Table 10: Global RTOS Embedded MEMS Market by Type of Component 2017 - 2022

Table 11: Global RTOS Embedded System Market by Application Sector 2017 - 2022

Table 12: Global Embedded RTOS IoT System Market by Business Model 2017 - 2022

Table 13: North America RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 14: North America RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 15: North America RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 16: North America RTOS Software Market by Programming Languages 2017 – 2022

Table 17: North America RTOS Embedded Micro-components Market by MCUs vs. MPUs 2017 – 2022

Table 18: North America RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 19: North America RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 20: North America RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 21: North America RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 22: North America RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 23: North America Embedded RTOS Market by Business Model 2017 – 2022

Table 24: North America RTOS Embedded IoT System Market by Country 2017 – 2022

Table 25: USA RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 26: USA RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 27: USA RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 28: USA RTOS Software Market by Programming Languages 2017 – 2022

Table 29: USA RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 30: USA RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 31: USA RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 32: USA RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 33: USA RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 34: USA RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 35: USA Embedded RTOS Market by Business Model 2017 – 2022

Table 36: Canada RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 37: Canada RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 38: Canada RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 39: Canada RTOS Software Market by Programming Languages 2017 – 2022

Table 40: Canada RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 41: Canada RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 42: Canada RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 43: Canada RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 44: Canada RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 45: Canada RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 46: Canada Embedded RTOS Market by Business Model 2017 – 2022

Table 47: APAC RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 48: APAC RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 49: APAC RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 50: APAC RTOS Software Market by Programming Languages 2017 – 2022

Table 51: APAC RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 52: APAC RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 53: APAC RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 54: APAC RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 55: APAC RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 56: APAC RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 57: APAC Embedded RTOS Market by Business Model 2017 – 2022

Table 58: APAC RTOS Embedded IoT System Market by Country 2017 – 2022

Table 59: China RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 60: China RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 61: China RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 62: China RTOS Software Market by Programming Languages 2017 – 2022

Table 63: China RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 64: China RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 65: China RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 66: China RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 67: China RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 68: China RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 69: China Embedded RTOS Market by Business Model 2017 – 2022

Table 70: India RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 71: India RTOS Embedded Hardware by Consumer vs. IIoT 2017 – 2022

Table 72: India RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 73: India RTOS Software Market by Programming Languages 2017 – 2022

Table 74: India RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 75: India RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 76: India RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 77: India RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 78: India RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 79: India RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 80: India Embedded RTOS Market by Business Model 2017 – 2022

Table 81: Japan RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 82: Japan RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 83: Japan RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 84: Japan RTOS Software Market by Programming Languages 2017 – 2022

Table 85: Japan RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 86: Japan RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 87: Japan RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 88: Japan RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 89: Japan RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 90: Japan RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 91: Japan Embedded RTOS Market by Business Model 2017 – 2022

Table 92: South Korea RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 93: South Korea RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 94: South Korea RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 95: South Korea RTOS Software Market by Programming Languages 2017 – 2022

Table 96: South Korea RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 97: South Korea RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 98: South Korea RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 99: South Korea RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 100: South Korea RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 101: South Korea RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 102: South Korea Embedded RTOS Market by Business Model 2017 – 2022

Table 103: SEA RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 104: SEA RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 105: SEA RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 106: SEA RTOS Software Market by Programming Languages 2017 – 2022

Table 107: SEA RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 108: SEA RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 109: SEA RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 110: SEA RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 111: SEA RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 112: SEA RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 113: SEA Embedded RTOS Market by Business Model 2017 – 2022

Table 114: Europe RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 115: Europe RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 116: Europe RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 117: Europe RTOS Software Market by Programming Languages 2017 – 2022

Table 118: Europe RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 119: Europe RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 120: Europe RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 121: Europe RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 122: Europe RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 123: Europe RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 124: Europe Embedded RTOS Market by Business Model 2017 – 2022

Table 125: Europe RTOS Embedded IoT System Market by Country 2017 – 2022

Table 126: UK RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 127: UK RTOS Embedded Hardware Market by Consumer vs. Industrial IoT

Segment 2017 – 2022

Table 128: UK RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 129: UK RTOS Software Market by Programming Languages 2017 – 2022

Table 130: UK RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 131: UK RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 132: UK RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 133: UK RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 134: UK RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 135: UK RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 136: UK Embedded RTOS Market by Business Model 2017 – 2022

Table 137: Germany RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 138: Germany RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 139: Germany RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 140: Germany RTOS Software Market by Programming Languages 2017 – 2022

Table 141: Germany RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 142: Germany RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 143: Germany RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 144: Germany RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 145: Germany RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 146: Germany RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 147: Germany Embedded RTOS Market by Business Model 2017 – 2022

Table 148: France RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 149: France RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 150: France RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 151: France RTOS Software Market by Programming Languages 2017 – 2022

Table 152: France RTOS Embedded Micro-component Market by MCUs vs. MPUs
2017 – 2022

Table 153: France RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit)
2017 – 2022

Table 154: France RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit)
2017 – 2022

Table 155: France RTOS Embedded MEMS Component Market by Consumer vs.
Industrial IoT Segment 2017 – 2022

Table 156: France RTOS Embedded MEMS Market by Type of Component 2017 –
2022

Table 157: France RTOS Embedded IoT System Market by Application Sector 2017 –
2022

Table 158: France Embedded RTOS Market by Business Model 2017 – 2022

Table 159: Latin America RTOS Embedded IoT System Market by Segment 2017 –
2022

Table 160: Latin America RTOS Embedded Hardware Market by Consumer vs.
Industrial IoT Segment 2017 – 2022

Table 161: Latin America RTOS Software Market by Consumer vs. Industrial IoT
Segment 2017 – 2022

Table 162: Latin America RTOS Software Market by Programming Languages 2017 –
2022

Table 163: Latin America RTOS Embedded Micro-component Market by MCUs vs.
MPUs 2017 – 2022

Table 164: Latin America RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs.
32bit) 2017 – 2022

Table 165: Latin America RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs.
32bit) 2017 – 2022

Table 166: Latin America RTOS Embedded MEMS Component Market by Consumer
vs. Industrial IoT Segment 2017 – 2022

Table 167: Latin America RTOS Embedded MEMS Market by Type of Component 2017
– 2022

Table 168: Latin America RTOS Embedded IoT System Market by Application Sector
2017 – 2022

Table 169: Latin America Embedded RTOS Market by Business Model 2017 – 2022

Table 170: Latin America RTOS Embedded IoT System Market by Country 2017 – 2022

Table 171: Brazil RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 172: Brazil RTOS Embedded Hardware Market by Consumer vs. Industrial IoT
Segment 2017 – 2022

Table 173: Brazil RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 174: Brazil RTOS Software Market by Programming Languages 2017 – 2022

Table 175: Brazil RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 176: Brazil RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 177: Brazil RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 178: Brazil RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 179: Brazil RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 180: Brazil RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 181: Brazil Embedded RTOS Market by Business Model 2017 – 2022

Table 182: Mexico RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 183: Mexico RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 184: Mexico RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 185: Mexico RTOS Software Market by Programming Languages 2017 – 2022

Table 186: Mexico RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 187: Mexico RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 188: Mexico RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 189: Mexico RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 190: Mexico RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 191: Mexico RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 192: Mexico Embedded RTOS Market by Business Model 2017 – 2022

Table 193: MEA RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 194: MEA RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 195: MEA RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 196: MEA RTOS Software Market by Programming Languages 2017 – 2022

Table 197: MEA RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 198: MEA RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 199: MEA RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 200: MEA RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 201: MEA RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 202: MEA RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 203: MEA Embedded RTOS Market by Business Model 2017 – 2022

Table 204: MEA RTOS Embedded IoT System Market by Country 2017 – 2022

Table 205: UAE RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 206: UAE RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 207: UAE RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 208: UAE RTOS Software Market by Programming Languages 2017 – 2022

Table 209: UAE RTOS Embedded Micro-component Market by MCUs vs. MPUs 2017 – 2022

Table 210: UAE RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 211: UAE RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 212: UAE RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 213: UAE RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 214: UAE RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 215: UAE Embedded RTOS Market by Business Model 2017 – 2022

Table 216: South Africa RTOS Embedded IoT System Market by Segment 2017 – 2022

Table 217: South Africa RTOS Embedded Hardware Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 218: South Africa RTOS Software Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 219: South Africa RTOS Software Market by Programming Languages 2017 – 2022

Table 220: South Africa RTOS Embedded Micro-components Market by MCUs vs. MPUs 2017 – 2022

Table 221: South Africa RTOS Embedded MCUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 222: South Africa RTOS Embedded MPUs Market by Type (8bit vs. 16bit vs. 32bit) 2017 – 2022

Table 223: South Africa RTOS Embedded MEMS Component Market by Consumer vs. Industrial IoT Segment 2017 – 2022

Table 224: South Africa RTOS Embedded MEMS Market by Type of Component 2017 – 2022

Table 225: South Africa RTOS Embedded IoT System Market by Application Sector 2017 – 2022

Table 226: South Africa Embedded RTOS Market by Business Model 2017 – 2022

Table 227: Global RTOS Embedded Connected IoT Device by Segment 2017 – 2022

Table 228: Global RTOS Embedded Connected IoT Device by Application Sector 2017 – 2022

Table 229: RTOS Embedded Connected IoT Device by Region 2017 – 2022

Table 230: North America RTOS Embedded Connected IoT Device by Country 2017 – 2022

Table 231: APAC RTOS Embedded Connected IoT Device by Country 2017 – 2022

Table 232: Europe RTOS Embedded Connected IoT Device by Country 2017 – 2022

Table 233: Latin America RTOS Embedded Connected IoT Device by Country 2017 – 2022

Table 234: MEA RTOS Embedded Connected IoT Device by Country 2017 - 2022

Table 235: Global RTOS Embedded MCUs Shipment by Type: 8bit vs. 16bit vs. 32bit 2017 - 2022

Table 236: Global RTOS Embedded MCUs Shipment by Application Sector 2017 – 2022

Table 237: RTOS Embedded MCUs Shipment by Region 2017 - 2022

Table 238: North America RTOS Embedded MCUs Shipment by Country 2017 - 2022

Table 239: APAC RTOS Embedded MCUs Shipment by Country 2017 - 2022

Table 240: Europe RTOS Embedded MCUs Shipment by Country 2017 - 2022

Table 241: Latin America RTOS Embedded MCUs Shipment by Country 2017 - 2022

Table 242: MEA RTOS Embedded MCUs Shipment by Country 2017 - 2022

Table 243: Global RTOS Embedded MPUs Shipment by Type: 8bit vs. 16bit vs. 32bit 2017 - 2022

Table 244: Global RTOS Embedded MPUs Shipment by Application Sector 2017 - 2022

Table 245: RTOS Embedded MPUs Shipment by Region 2017 - 2022

Table 246: North America RTOS Embedded MPUs Shipment by Country 2017 - 2022

Table 247: APAC RTOS Embedded MPUs Shipment by Country 2017 - 2022

Table 248: Europe RTOS Embedded MPUs Shipment by Country 2017 – 2022

Table 249: Latin America RTOS Embedded MPUs Shipment by Country 2017 - 2022

Table 250: MEA RTOS Embedded MPUs Shipment by Country 2017 - 2022

Table 251: Global RTOS Embedded MEMS Component Shipment by Type of Component 2017 - 2022

Table 252: Global RTOS Embedded MEMS Component Shipment by Application Sector 2017 - 2022

Table 253: RTOS Embedded MEMS Component Shipment by Region 2017 - 2022

Table 254: North America RTOS Embedded MEMS Component Shipment by Country 2017 - 2022

Table 255: APAC RTOS Embedded MEMS Component Shipment by Country 2017 - 2022

Table 256: Europe RTOS Embedded MEMS Component Shipment by Country 2017 - 2022

Table 257: Latin America RTOS Embedded MEMS Component Shipment by Country 2017 - 2022

Table 258: MEA RTOS Embedded MEMS Component Shipment by Country 2017 - 2022

Table 259: Embedded RTOS Software Vendor Market Share

Table 260: RTOS Embedded Component Vendor Market Share

INTERNET OF THINGS (IOT) DEVICE MANAGEMENT: IOT DEVICE ADMINISTRATION, MONITORING, AND DIAGNOSTICS MARKET OUTLOOK AND FORECASTS 2017 – 2022

1. INTRODUCTION

- 1.1 Background
- 1.2 Research Scope
- 1.3 Target Audience
- 1.4 Companies in Report

2. EXECUTIVE SUMMARY

- 2.1 Overall IoT Device Management Market Potential
- 2.2 IoT Device Management Market by Deployment Type
- 2.3 IoT Device Management Market by Sector

3. OVERVIEW

- 3.1 Introduction to IoT Device Management Systems
- 3.2 Key Requirements for IoT Device Management Systems
 - 3.2.1 Device Management Agent
 - 3.2.2 Device Management in a Service/Cloud Environment
- 3.3 Fundamentals of Device Management Systems
 - 3.3.1 Enrollment and Provisioning
 - 3.3.2 Configuration and Association
 - 3.3.3 Monitoring and Diagnostics
 - 3.3.4 Management and Control
 - 3.3.5 Software Updates
- 3.4 Commercialization of IoT Device Management Systems
- 3.5 IoT Device Management System Demand by Industry
 - 3.5.1 Smart City
 - 3.5.2 Fleet Management and Transportation
 - 3.5.3 Automotive
 - 3.5.4 Manufacturing
 - 3.5.5 Utilities
 - 3.5.6 Oil & Gas Industry
- 3.6 IoT Device Management Challenges
 - 3.6.1 Anticipating Cause and Effect
 - 3.6.2 Handling Device Management Needs by Specific Industry / Function

4. MARKET ANALYSIS AND FORECASTS 2017 – 2022

- 4.1 Global Markets for IoT Device Management Systems
- 4.2 Market for IoT Device Management System Deployment Type
 - 4.2.1 IoT Device Management Embedded in Device 2017 – 2022
 - 4.2.2 IoT Device Management Integrated in IoT Platform 2017 – 2022
 - 4.2.3 IoT Device Management as Paas /SaaS 2017 – 2022
 - 4.2.4 IoT Device Management as Standalone Software 2017 – 2022
- 4.3 Market for IoT Device Management System by Industry
 - 4.3.1 IoT Device Management System Deployment in Smart Cities 2017 - 2022
 - 4.3.2 IoT Device Management System in Manufacturing Sector 2017 - 2022
 - 4.3.3 IoT Device Management System in Automotive Sector 2017 - 2022
 - 4.3.4 IoT Device Management System in Fleet Management 2017 - 2022
 - 4.3.5 IoT Device Management System in Utility Sector 2017 - 2022
 - 4.3.6 IoT Device Management System in Oil & Gas Sector 2017 - 2022

4.4 Markets for IoT Device Management System by Region

4.4.1 North American Market Sectors for IoT Device Management Systems 2017 – 2022

4.4.2 European IoT Device Management Systems by Sector 2017 – 2022

4.4.3 APAC IoT Device Management Systems by Sector 2017 – 2022

4.4.4 RoW Markets for IoT Device management Systems 2017 – 2022

5. IOT DEVICE MANAGEMENT SERVICE DELIVERY ANALYSIS

5.1 Key Functionality of Device Management Solutions

5.2 IoT Device Management Solutions Offering Types

5.2.1 IoT Device Management as a Service

5.2.2 As Software Embedded in IoT Platform / Device

5.2.3 Stand-alone Software Platform

5.3 IoT Device Management Industry SWOT Analysis

6. IOT DEVICE MANAGEMENT COMPANY AND SOLUTION ANALYSIS

6.1 Advantech

6.2 Aeris

6.3 Allegro Software Development Corporation

6.4 Amplia Soluciones S.L.

6.5 ARM Ltd.

6.6 Bosch Software Innovations GmbH

6.7 Devicepilot

6.8 ETI Software Solutions

6.9 IBM

6.10 Microsoft

6.11 PTC

6.12 Particle

6.13 Proximity Inc. (Relayr)

6.14 SiteWhere LLC.

6.15 SmithMicro Software

6.16 Telit

6.17 Tibbo Systems

6.18 Wind River

6.19 WSO2

6.20 Xively (LogMeIn)

6.21 Zentri

LIST OF FIGURES

Figure 1: Key Market Opportunities

Figure 2: Key Traits for Best IoT Device Management Solution

Figure 3: Global IoT Device Management Business 2017 – 2022

Figure 4: Global IoT Device Management Deployments by Type 2017 - 2022

Figure 5: Global IoT Device Management Deployment by Industry Sector 2017 - 2022

Figure 6: IoT Device Management Solution Overview

Figure 7: Global Market for IoT Device Management Solutions 2017 - 2022

Figure 8: Market for IoT Device Management System Deployment Type 2017 - 2022

Figure 9: IoT Device Management System by Region 2017 – 2022

Figure 10: IoT Device Management Agnostic Approach

Figure 11: IoT Device management Vendor Offering

Figure 12: IoT Industry SWOT Analysis

LIST OF TABLES

Table 1: Global Market for IoT Device Management Solutions 2017 - 2022

Table 2: Market for IoT Device Management System by Deployment Type 2017 - 2022

Table 3: IoT Device Management System Embedded in Device by Region 2017 - 2022

Table 4: IoT Device Management Embedded in Device by Industry 2017 – 2022

Table 5: IoT Device Management Integrated in IoT Platform by Region 2017 - 2022

Table 6: IoT Device Management Integrated in IoT Platform by Industry 2017 – 2022

Table 7: IoT Device Management as PaaS / SaaS by Region 2017 - 2022

Table 8: IoT Device Management as PaaS / SaaS by Industry 2017 – 2022

Table 9: IoT Device Management as Standalone Software by Region 2017 - 2022

Table 10: IoT Device Management as Standalone Software by Industry 2017 – 2022

Table 11: Market for IoT Device Management System by Industry 2017 - 2022

Table 12: IoT Device Management System by Smart City by Region 2017 - 2022

Table 13: IoT Device Management System by Type of Smart City Deployment 2017 - 2022

Table 14: IoT Device Management System by Region in Manufacturing Sector 2017 - 2022

Table 15: IoT Device Management System by Type of Manufacturing Deployment 2017 - 2022

Table 16: IoT Device Management System by Region in Automotive Sector 2017 - 2022

Table 17: IoT Device Management System by Type of Automotive Deployment 2017 - 2022

Table 18: IoT Device Management System by Region in Fleet Management 2017 - 2022

Table 19: IoT Device Management System by Type of Fleet Management Deployment 2017 - 2022

Table 20: IoT Device Management System by Region in Utility Sector 2017 - 2022

Table 21: IoT Device Management System by Type of Utility Sector Deployment 2017 - 2022

Table 22: Investments in IoT Device Management System by Region in Oil & Gas Sector 2017 - 2022

Table 23: IoT Device Management System by Type of Oil & Gas Deployment 2017 - 2022

Table 24: IoT Device Management System by Region 2017 - 2022

Table 25: North American IoT Device Management Systems by Sector 2017 – 2022

Table 26: North American IoT Device Management System by Deployment Type 2017 - 2022

Table 27: European IoT Device Management System by Sector 2017 – 2022

Table 28: European IoT Device Management System by Deployment Type 2017 - 2022

Table 29: APAC IoT Device Management Systems by Sector 2017 – 2022

Table 30: APAC IoT Device Management System by Deployment Type 2017 - 2022

Table 31: RoW Markets for IoT Device management Systems 2017 – 2022

Table 32: RoW Markets for IoT Device Management System by Type of Deployments 2017 – 2022

EMBEDDED INTERNET OF THINGS (IOT) ECOSYSTEM: NEXT GEN EMBEDDED SYSTEM HARDWARE, SOFTWARE, TOOLS, AND OPERATING SYSTEMS

1 INTRODUCTION

1.1 Scope of Report

1.2 Intended Audience

1.3 Companies in Report

2 EXECUTIVE SUMMARY

3 OVERVIEW

3.1 Introduction to IoT

3.1.1 Consumer IoT

3.1.2 Industrial IoT (IIoT)

- 3.2 Embedded Systems in IoT
- 3.3 Key Embedded Devices used in IoT
 - 3.3.1.1 Short Range Low Power Radio Devices
 - 3.3.2 Network Devices: Gateway / Hub / Router / Bridges
 - 3.3.3 Sensors and Actuators
 - 3.3.4 Edge Devices
 - 3.3.5 Wearables
- 3.4 Role of the Embedded Systems in IoT
- 3.5 Real-time vs. Standard Embedded Systems
- 3.6 Working Principal of the Embedded Systems in IoT
- 3.7 Examples of Connected Embedded Devices in IoT
- 3.8 Global Markets for Embedded Systems

4 EMBEDDED SYSTEM TECHNOLOGY AND DEVELOPMENTS

- 4.1 Embedded Devices and IoT Infrastructure Architecture
- 4.2 Key Technology Developments in Embedded System for IoT
- 4.3 Core Embedded Systems Infrastructure
 - 4.3.1 Microprocessor / Microcontroller
 - 4.3.1.1 Reduced Instruction Set Computing (RISC) Chips
 - 4.3.1.2 System on Chip (SoC) (AISC / FPGA)
 - 4.3.2 Embedded Software
 - 4.3.3 Next Generation Real Time Operating Systems (RTOS)
 - 4.3.3.1 Key Next Generation RTOS Features
 - 4.3.3.1.1 Scalability
 - 4.3.3.1.2 Modularity
 - 4.3.3.1.3 Connectivity
 - 4.3.3.1.4 Reliability
 - 4.3.4 Embedded System Software Design Tools (Debuggers, Compilers and Assemblers)
 - 4.3.5 Peripherals

5 GLOBAL MARKET FOR EMBEDDED SYSTEMS IN IOT 2016 – 2021

- 5.1 The \$1.6 Trillion IoT Business
 - 5.1.1 Markets for IoT 2016 - 2021
- 5.2 Markets for Embedded Systems 2016 - 2021
 - 5.2.1 Markets for Hardware and Software Components in Embedded Systems 2016 – 2021

- 5.2.2 Market for Microcontrollers and Other Hardware Components 2016 – 2021
- 5.2.3 Markets for Software Components in Embedded Systems 2016 – 2021
- 5.2.4 Regional Markets for Embedded Systems 2016 – 2021
- 5.2.5 Markets for Embedded Systems in North America 2016 - 2021
- 5.2.6 Markets for Embedded Systems in EMEA 2016 - 2021
- 5.2.7 Markets for Embedded Systems in APAC 2016 - 2021
- 5.2.8 Markets for Embedded Systems in CALA 2016 - 2021
- 5.2.9 Markets for Embedded Systems by Industry 2016 – 2021

6 EMBEDDED SYSTEMS IN IOT INDUSTRY ANALYSIS

- 6.1 Next Generation RTOS to Drive Embedded Expansion in IoT
- 6.2 Next Generation Chips in Development to support IoT Needs
- 6.3 Focus to be on Small Devices
- 6.4 Time Savings for Go to Market to Drive Demand for COTS
- 6.5 Embedded SIM (eSIM)

7 EMBEDDED SYSTEMS IN IOT VENDOR LANDSCAPE

- 7.1 Hardware Vendors
 - 7.1.1 ARM Holdings
 - 7.1.2 Cisco System Inc.
 - 7.1.2.1 Cisco Industrial Networks
 - 7.1.2.2 Cisco Embedded Networks
 - 7.1.3 Echelon Corporation
 - 7.1.3.1 Echelon's IzoT platform
 - 7.1.4 GreenPeak
 - 7.1.5 Intel Corporation
 - 7.1.6 Microchip Technology Inc.
 - 7.1.7 Micron Technology Inc.
 - 7.1.8 MediaTek Inc.
 - 7.1.9 Qualcomm Atheros Inc.
 - 7.1.10 Renesas Electronics Corporation
 - 7.1.11 STMicroelectronics
 - 7.1.12 Samsung Developers
 - 7.1.13 Texas Instruments
- 7.2 Software Vendors
 - 7.2.1 Contiki
 - 7.2.2 Lynx Software Technologies, Inc.

7.2.3 Oregan Networks Ltd.

7.2.4 Wind River

7.2.4.1 VxWorks 7 for IoT

7.3 Other Platforms/ Alliances / Peripherals

7.3.1 Digital Living Network Alliance (DLNA)

7.3.2 Insteon

7.3.3 GE Software

7.3.3.1 GE Predicitvity Solution

7.3.3.2 GE Predix Platform

7.3.4 Marvell

7.3.5 Nest Labs.

7.3.6 Netgear

7.3.7 Netgem

7.3.8 Object Management Group (OMG)

7.3.8.1 Unified Component Model for Distributed, Real-Time Embedded Systems (UCM)

7.3.9 Technicolor

7.3.10 ZigBee Alliance

7.3.11 Z-Wave Alliance

LIST OF FIGURES

Figure 1: Mesh Networks

Figure 2: Embedded Devices and IoT Infrastructure Architecture

Figure 3: Core Embedded System Architecture

Figure 4: Global IoT Market 2016 - 2021

Figure 5: Markets for Embedded Systems in IoT 2016 - 2021

Figure 6: Markets for Embedded Systems in IoT by Products: 2016 - 2021

Figure 7: Regional Markets for Embedded Systems in IoT 2016 - 2021

Figure 8: Embedded Systems in IoT by Industry 2016 - 2021

Figure 9: Anatomy of the IzoT Platform

LIST OF TABLES

Table 1: Comparison between Standard and Real-time Embedded Systems

Table 2: Leading Microprocessors used in Embedded Systems

Table 3: Leading Proprietary RTOS used in Embedded Systems

Table 4: Global IoT Markets 2016 - 2021

Table 5: Markets for Embedded Systems in IoT 2016 – 2021

Table 6: Markets for Embedded Systems Components: 2016 – 2021

Table 7: Regional Markets for MCU/MPU in Embedded Systems for IoT 2016 - 2021

Table 8: Regional Markets for Memory in Embedded Systems for IoT 2016 - 2021

Table 9: Regional Markets for Peripherals in Embedded Systems for IoT 2016 - 2021

Table 10: Regional Markets for RTOS in Embedded Systems for IoT 2016 - 2021

Table 11: Regional Markets for Embedded Software in IoT 2016 - 2021

Table 12: Regional Markets for Tools in Embedded Systems for IoT 2016 - 2021

Table 13: Regional Markets for Embedded Systems in IoT 2016 - 2021

Table 14: NA Market for Embedded Systems in IoT by Category 2016 - 2021

Table 15: EMEA Market for Embedded Systems in IoT by Category 2016 - 2021

Table 16: APAC Market for Embedded Systems in IoT by Category 2016 - 2021

Table 17: CALA Market for Embedded systems in IoT by Category 2016 - 2021

Table 18: Embedded Systems in IoT by Industry 2016 – 2021

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