

IoT Software Market and OEM Ecosystem: Opportunities, Challenges, and Forecast 2015 - 2020

Product ID R-1512IOTSM | Research Report: 99 pages, published Dec 2015



Check our website for the current list price.

Get instant 5% off THIS and ALL FUTURE PURCHASES by becoming a member (it's FREE!). Click the blue 'Join/Log in' button up top to join.

Call us for any additional discounts that may be available.

Related Courses and Curricula

- [Telecom for non-engineers Courses](#)

Report in a Nutshell

The Internet of Things (IoT) will be a driver of substantial software development in infrastructure, platforms, devices, security, applications and services. Original Equipment Manufacturer (OEM) represents an important go-to-market aspect of IoT for early distribution and as value-addition to IoT product capabilities and/or service offerings. IoT also raises Importance of Value-added Resellers (VAR), Systems Integrators (SI), and Independent Software Vendors (ISV).

Most of the products for both hardware and software in IoT will be OEM, meaning that it is developed or built to integrate/embed into infrastructure, device, product and/or service or to extend an IoT enabled product/service portfolio. In 2015, software developers for IoT will have generated revenue of roughly \$197 billion through platforms, APIs, applications, controlling systems, security solutions, management and operations. Substantial growth is anticipated through the year 2020.

This research publication, "The IoT Software Market and OEM Ecosystem: Opportunities, Challenges, and Forecast 2015 – 2020", identifies opportunities for software in IoT including Other Equipment Manufacturers (OEM) providers. We also evaluate the market opportunities and outlook for OEM channels and quantify the markets and business for IoT software. The report includes detailed forecasts for 2015 to 2020. All purchases of our 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

- OEM software developers
- IoT service and app developers
- Network operators and other CSPs
- Big Data and data management companies
- IoT software, platform, and infrastructure providers
- ISV, SI, and VAR channels for software implementation

Table of Contents

1	Introduction
1.1.1	Scope of Study
1.1.2	Intended Audience
1.1.3	Companies Mentioned in the Report
2	Executive Summary
3	Overview
3.1	Consumer IoT
3.1.1.1	Connected Home Entertainment Devices
3.1.1.2	Connected Home Security and Monitoring Devices
3.1.1.3	Connected Home Energy Conservation Devices
3.1.1.4	Connected Home Utility Monitoring Devices
3.1.1.5	Connected Car
3.1.1.6	Wearables
3.2	Industrial IoT (IIoT)
3.2.1.1	Smart Manufacturing
3.2.1.2	Smart Utility
3.2.1.3	Smart Tracking
3.2.1.4	Smart Instrumentation in Oil and Gas Industry
3.2.1.5	Smart Healthcare
3.3	Overall Market for IoT 2015 - 2020
4	IoT Ecosystem
4.1	Global Forecast for IoT Ecosystem by Segment
4.2	Regional Markets for IoT Ecosystem: 2015 - 2020
5	IoT Software
5.1	Defining IoT Software
5.2	Core Use of Software in IoT
5.2.1	Connecting
5.2.1.1	Zigbee

- 5.2.1.2 OASIS MQTT (Message Queuing Telemetry Transport)
- 5.2.1.3 XMPP (Extensible Messaging and Presence Protocol)
- 5.2.1.4 AMQP (Advanced Message Queuing Protocol)
- 5.2.1.5 Data Distribution Service (DDS)
- 5.2.2 Thread
- 5.2.3 Collecting
- 5.2.4 Analyzing and Delivering
- 5.3 Supporting Software in IoT
 - 5.3.1 Software Platforms
 - 5.3.1.1 Cloud Platforms
 - 5.3.1.2 Fog Computing and Cloud Platforms
 - 5.3.2 Security Solutions for IoT
 - 5.3.3 IoT Applications
- 6 IoT and OEM Systems
 - 6.1.1 Key Job Function of Implementation Partners
 - 6.1.2 IoT Raises Importance of VARs, SIs, and ISVs
 - 6.2 Demand for Industry Vertical Specialists Implementation Partners will Increase
- 7 Global IoT Software and OEM System Market 2015 - 2020
 - 7.1 Global IoT Software Market 2015 - 2020
 - 7.2 Regional Markets for IoT Software 2015 - 2020
 - 7.3 Markets for IoT Software by Sales Channel 2015 - 2020
 - 7.4 Markets for OEM Software by Channel Partners
- 8 Key Players in IoT Ecosystem
 - 8.1 Software Developers
 - 8.1.1 AGT International
 - 8.1.2 Amdocs
 - 8.1.3 Bayshore Networks
 - 8.1.4 Bosch Software innovations: Bosch IoT Suite
 - 8.1.5 Contiki
 - 8.1.6 GE Software
 - 8.1.7 Lynx Software Technologies, Inc.
 - 8.1.8 MongoDB Inc.
 - 8.1.9 Netgem
 - 8.1.10 Oregon Networks Ltd.
 - 8.1.11 Parstream
 - 8.1.12 RIOT
 - 8.1.13 SmartThings
 - 8.1.14 Symantec
 - 8.1.15 Wind River
 - 8.2 IoT Services
 - 8.2.1 Aeris Communications
 - 8.2.2 Ayla Networks
 - 8.2.3 Jasper
 - 8.2.4 MachineShop Inc.

- 8.2.5 NEC Corporation
- 8.2.6 Unisys Corporation

Figures

- Figure 1: Global IoT Markets 2015 - 2020
- Figure 2: IoT Vendor Ecosystem
- Figure 3: IoT Markets by Segment of Ecosystem 2015 - 2020
- Figure 4: IoT Ecosystem: Market by Region 2015 - 2020
- Figure 5: Core Use of Software in IoT
- Figure 6: Framework for Big Data in IoT
- Figure 7: Fog Computing and IoT
- Figure 8: IoT Software Distribution Channels
- Figure 9: IoT Software Global Market 2015 - 2020
- Figure 10: Regional Markets for IoT Software 2015 - 2020
- Figure 11: IoT Software Markets by Sales Channel 2015 - 2020
- Figure 12: IoT Software Markets by Device Manufacturers 2015 - 2020
- Figure 13: IoT Software Markets by CSPs and ISPs 2015 - 2020
- Figure 14: IoT Software Markets by ISV, VAR, and SI Companies 2015 - 2020
- Figure 15: IoT Software Markets by Data and Analytics Providers 2015 - 2020
- Figure 16: IoT Software Markets by OEM Sales Channel 2015 - 2020

Tables

- Table 1: Global IoT Markets 2015 - 2020
- Table 2: IoT Markets by Segment (H/W, S/W, Services, Devices) 2015 - 2020
- Table 3: IoT Ecosystem: Market by Region 2015 - 2020
- Table 4: Global IoT Software Market 2015 - 2020
- Table 5: Regional Markets for IoT Software 2015 - 2020
- Table 6: IoT Software Markets by Sales Channel 2015 - 2020
- Table 7: IoT Software Markets by OEM Sales Channel 2015 – 2020

DCN LTNdmf