

# The Internet of Things Impact on the Connector Industry – Volume 1

<https://marketpublishers.com/r/I74D009F76DEN.html>

Date: January 2016

Pages: 0

Price: US\$ 3,950.00 (Single User License)

ID: I74D009F76DEN

## Abstracts

The Internet of Things Impact on the Connector Industry – Volume 1

By 2020 there will be more than 50 billion devices connected to the Internet in some way, shape, or form. While most of these “things” will be connected wirelessly, they will still give rise to equipment that communicates and saves all the data that is being collected.

How will the increase in equipment needed to support the Internet of Things (IoT) impact the connector industry?

Within the consumer, computer, and telecom sectors, what types of equipment will be impacted the most? Among connector types, which connectors will see the greatest growth and which connector types may see a decline in demand?

Which regions will most likely be affected by these changes, and will there be a switch in market dynamics as we see them today?

What role will technologies like near-field communications, RFID, Wi-Fi (including WiGig), and other wireless technologies like Visual Light Communication and TransferJet play in the growth of the IoT?

What data and telecom communication technologies have broadened and enhanced the host of mobile devices available today? What technologies lie on the horizon?

Focusing on the consumer, computer, and telecom equipment sectors, volume one examines the equipment and connector types within these sectors most likely to be

influenced by the IoT. The report offers a quantitative analysis by region, sector, equipment type, and predominant connector type, allowing those most affected by the growth of the IoT to accurately position themselves. Don't be caught offline – order your copy of *The Internet of Things Impact on the Connector Industry – Volume 1: Consumer, Computer and Telecom*.

## Contents

### EXECUTIVE SUMMARY

Introduction

IoT Market for Connector Products

IoT Connector Products Sold into the Computer, Consumer and Telecom Sector, 2015 through 2020

IoT Products Sold into the Computer, Consumer and Telecom Sector by Application Type, 2015 - 2020

Connector Sales by Product Type – Telecom Sector 2015 and 2020F

Connector Sales by Product Type – Computer Sector 2015 and 2020F

Connector Sales by Product Type – Consumer Sector 2015 and 2020F

2015 IOT MARKET SHARE BY REGION

2020 IOT MARKET SHARE BY REGION

2015 TELECOM IOT MARKET SHARE BY REGION

2020 TELECOM IOT MARKET SHARE BY REGION

2015 COMPUTER IOT MARKET SHARE BY REGION

2020 COMPUTER IOT MARKET SHARE BY REGION

2015 CONSUMER IOT MARKET SHARE BY REGION

2020 CONSUMER IOT MARKET SHARE BY REGION

### CHAPTER 1 – INTRODUCTION

Background

Evolution of IoT

IoT Map

IoT Vertical Market Applications

Objectives

Scope of this Report

Telecommunications Equipment Segment

Computer Equipment Segment

Consumer Equipment Segment

Methodology and Information Sources

Plan of Report

### CHAPTER 2 – DEFINITIONS

Telecom Equipment Detail by Segment

Enterprise Network Equipment  
Wireless Network Equipment  
Wire-line Network Equipment  
Cable/MSO Network Equipment  
Alphabetical List of Telecommunications Equipment  
Computer and Peripheral Equipment Detail by Segment  
Consumer Equipment Detail by Segment  
Region of the World  
Terms and Definitions

## **CHAPTER 3 – IOT WIRELESS TECHNOLOGIES, STANDARDS AND MARKET TRENDS**

Introduction  
Emerging IoT Standards and Communications Technologies  
IEEE and Ethernet  
NEMA  
Other Competing Standards Efforts  
Wireless Network Technologies  
Introduction  
Wireless Data Communication  
Introduction  
Specific to Sensors  
Cellular – 2G to 5G  
3G, 4G, LTE, LTE-ADVANCED  
3G TECHNOLOGIES  
3GPP LTE AND LTE-ADVANCED  
5G  
Huawei's Vision of the Mobile Network to Support 5G  
Mobile Network Evolution Roadmap  
Certified Wireless USB  
Near Field Communication  
Radio-Frequency Identification (RFID)  
RFID Bands and Applications  
Wi-Fi (Including WiGig)  
Visual Light Communication (VLC)  
Other Wireless Technologies

## **CHAPTER 4 – IOT DEVICES, APPLICATIONS AND CONNECTORS**

Introduction

Telecommunications

The Mobile Backhaul Network

New Technologies to Support 4G and Beyond

Smartphones

Global Smartphone Shipments Market Share

Wi-Fi

IEEE 802.11 Wireless LAN Standards

LANs and Data Centers

1G, 10G AND 40G COPPER – RJ45 CONNECTOR FAMILY

1G/10G AND 25G-SFP AND SFP10 (SFP+) AND SFP25 FAMILY

Pre-terminated Fiber Assemblies

40G QSFP10 (QSPF+) FAMILY

100G CXP FAMILY

100G CFP FAMILY

100G QSFP28 FAMILY

100G CPAK FAMILY

400G CDFP FAMILY

400G CFP8

WAN

Growth in Core Network Traffic

Metro vs Long-Haul Traffic Forecast

Cisco VNI

OTN Justification

Packet Optical Transport Platform (P-OTP).

Computer

PCs and Macs

PC Sales

Global Shipments of PCs by Type

Tablets

Technology & Design Trends

Connectors for Tablets

Servers

Data Center Servers – 10G

Server Data Rate Progression

Server Port Volume by Data Rate

Consumer

Sensor Connectors

## **CHAPTER 5 – FIVE-YEAR FORECASTS**

Introduction

Methodology

Total Market for IoT Connector Products

IoT Connector Products Sold into the Telecom, Computer, and Consumer Sectors,  
2015 through 2020

Telecom, Computer and Consumer IoT Connectors, 2015 and 2020F

IoT Connector Products Sold into the Telecom, Computer, and Consumer Sectors by  
Application Type

IoT Connector Products Sold into the Telecom, Computer and Consumer Sectors by  
Product Type

IoT Market Share by Profiled Equipment Sector 2015

IoT Market Share by Profiled Equipment Sector 2020

IoT Connector Products Breakdown

Telecom Sector IoT Connector Products by Type, 2015 through 2020 with 5-Year  
CAGR

Market Share, Telecom Sector IoT Connector Products by Type 2015

Market Share, Telecom Sector IoT Connector Products by Type 2020

Telecom by Equipment Type, 2015 through 2020 with 5-Year CAGR

Wireless LAN by Product Type, 2015 through 2020 with 5-Year CAGR

Mobile Backhaul by Product Type, 2015 through 2020 with 5-Year CAGR

Smartphone by Product Type, 2015 through 2020 with 5-Year CAGR

Computer Sector IoT Connector Products by Type, 2015 through 2020 with 5-Year  
CAGR

Computer by Equipment Type, 2015 through 2020 with 5-Year CAGR

Servers by Product Type, 2015 through 2020 with 5-Year CAGR

Laptops by Product Type, 2015 through 2020 with 5-Year CAGR

Tablets by Product Type, 2015 through 2020 with 5-Year CAGR

Consumer Sector IoT Connector Products by Type, 2015 through 2020 with 5-Year  
CAGR

Consumer by Equipment Type, 2015 through 2020 with 5-Year CAGR

Set-top Boxes by Product Type, 2015 through 2020 with 5-Year CAGR

Smart TVs by Product Type, 2015 through 2020 with 5-Year CAGR

Wearables by Product Type, 2015 through 2020 with 5-Year CAGR

IoT Connector Products by Region

IoT Telecom, Computer and Consumer Products by Region, 2015 through 2020 with  
5-Year CAGR

IoT Telecom Products by Region, 2014 through 2020 with 5-Year CAGR  
IoT Computer Products by Region, 2014 through 2020 with 5-Year CAGR  
IoT Consumer Products by Region, 2014 through 2020 with 5-Year CAGR

## I would like to order

Product name: The Internet of Things Impact on the Connector Industry – Volume 1

Product link: <https://marketpublishers.com/r/I74D009F76DEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/I74D009F76DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970