

Fog Computing Market by Offering (Hardware, Software), Application (Building & Home Automation, Smart Energy, Smart Manufacturing, Transportation & Logistics, Connected Health, Security & Emergencies), and Geography - Global Forecast to 2022

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Abstracts

“Growing Internet of Things is expected to drive the fog computing market during the forecast period”

The fog computing market, in terms of value, is expected to grow from USD 22.28 million in 2017 to USD 203.48 million by 2022, at a CAGR of 55.6% between 2017 and 2022.

The fog computing market is driven by factors such as the increasing adoption of Internet of Things worldwide, growing demand for computing capability at the edge, high adoption of smart sensors that would create huge amount of data, and mainstreaming of cloud computing. The increasing government and private funding across the globe for research and development in IoT, cloud and fog, and scope for innovative cross-domain applications provide significant growth opportunities in the market.

“Smart manufacturing and smart energy application domain are expected to drive the fog computing market in the near future”

The smart manufacturing application is expected to hold the largest share of the fog computing market by 2022, while the smart manufacturing application is expected to witness the highest growth rate between 2017 and 2022. Currently, the sensors for

different functions used in factories or manufacturing units generate huge amounts of data per hour which needs to be transferred to the cloud for computing. This transfer of the data to and from the cloud takes time and is not considered ideal for functions that require real-time processing of data for critical decision making. Fog computing is a solution for these problems as fog brings the power of computing at the edge of the network, thus helping to solving the problem in real time. This would help manufacturing companies in terms of better decision making with real-time data, which would als

help in reducing operating cost.

“Fog computing market in the Americas region would grow at the highest rate during the forecast period”

Countries such as the U.S. and Canada are aggressively taking initiatives such as heavy investments in R&D to encourage the adoption of Internet of Things in the region, which is expected to boost the demand for fog computing in the near future. The market in the Americas comprises developed economies such as the U.S. and Canada which have a huge potential for applications of Internet of Things. These emerging markets of IoT and cloud computing are driving the growth of the fog computing market in the Americas.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with people holding key positions across several regions. The breakup of the profile of primary participants has been given below:

By Company Type: Tier 1 – 43 %, Tier 2 – 31%, and Tier 3 – 26%

By Designation: C-Level Executives – 38%, Directors – 34%, and Others – 28%

By Region: Americas – 37%, Europe – 28%, APAC – 23%, and RoW – 12%

The key players engaged in the development of fog computing are Cisco Systems, Inc. (U.S.), Microsoft Corporation (U.S.), ARM Holding Plc. (U.K.), Dell Inc. (U.S.), Intel Corporation (U.S.), Fujitsu (Japan), GE Digital (U.S.), and PrismTech Corporation (U.S.).

Reasons to Buy the Report:

The report would help the market leaders/new entrants in this market in the following ways:

1. This report segments the fog computing market comprehensively and provides the closest approximations of the market sizes for the overall market segments and subsegments across different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 REGIONAL SCOPE
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 FACTOR ANALYSIS
 - 2.2.1 INTRODUCTION
 - 2.2.2 DEMAND-SIDE ANALYSIS
 - 2.2.2.1 Growing market for Internet of Things and cloud in every major sector
 - 2.2.2.2 To cut down energy usage and save resources
 - 2.2.3 SUPPLY-SIDE ANALYSIS
 - 2.2.3.1 Vendors' strategies in developing various products and solutions for various sectors
- 2.3 MARKET SIZE ESTIMATION
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 FOG COMPUTING MARKET EXPECTED TO GROW AT A STABLE GROWTH RATE BETWEEN 2017 AND 2022

4.2 FOG COMPUTING MARKET, BY OFFERING (2017–2022)

4.3 FOG COMPUTING MARKET, BY GEOGRAPHY (2017–2022)

4.4 FOG COMPUTING MARKET, BY APPLICATION AND GEOGRAPHY IN 2022

4.5 LIFE CYCLE ANALYSIS, BY GEOGRAPHY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 FOG COMPUTING MARKET, BY OFFERING

5.2.2 FOG COMPUTING MARKET, BY APPLICATION

5.2.3 FOG COMPUTING MARKET, BY GEOGRAPHY

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Bandwidth limitations of existing IoT infrastructure slowing the analysis of growing big data

5.3.1.2 Real-time operations and increased data security by fog computing

5.3.1.3 Need for analytics at the network's edge

5.3.2 RESTRAINTS

5.3.2.1 Lack of uniform governance standards

5.3.2.2 Lack of fog computing technology skills

5.3.3 OPPORTUNITIES

5.3.3.1 Potential growth opportunities for system integrators, platform providers, communication technology providers, and cloud service providers

5.3.4 CHALLENGES

5.3.4.1 Increased potential for cyber-attacks due to extension of network's edge

5.3.4.2 Decentralized computing leading to complexity in architecture

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 INDUSTRY TRENDS

6.4 PORTER'S FIVE FORCES ANALYSIS

6.4.1 THREAT OF NEW ENTRANTS

- 6.4.2 BARGAINING POWER OF SUPPLIERS
- 6.4.3 THREAT OF SUBSTITUTES
- 6.4.4 BARGAINING POWER OF BUYERS
- 6.4.5 INTENSITY OF COMPETITIVE RIVALRY

7 FOG COMPUTING MARKET, BY OFFERING

- 7.1 INTRODUCTION
- 7.2 HARDWARE
 - 7.2.1 SERVERS
 - 7.2.2 ROUTERS
 - 7.2.3 SWITCHES
 - 7.2.4 CONTROLLER
 - 7.2.5 GATEWAYS
- 7.3 SOFTWARE
 - 7.3.1 FOG COMPUTING PLATFORM
 - 7.3.2 CUSTOMIZED APPLICATION SOFTWARE

8 FOG COMPUTING MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 BUILDING & HOME AUTOMATION
- 8.3 SMART ENERGY
- 8.4 SMART MANUFACTURING
- 8.5 TRANSPORTATION & LOGISTICS
- 8.6 CONNECTED HEALTH
- 8.7 SECURITY & EMERGENCIES
- 8.8 OTHERS (SMART ENVIRONMENT AND SMART RETAIL)

9 FOG COMPUTING MARKET, BY GEOGRAPHY

- 9.1 INTRODUCTION
- 9.2 AMERICAS
- 9.3 EUROPE
- 9.4 ASIA-PACIFIC
- 9.5 REST OF THE WORLD

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 RANKING ANALYSIS, FOG COMPUTING MARKET IN 2016

10.3 SIGNIFICANT DEVELOPMENTS IN THE FOG COMPUTING MARKET

11 COMPANY PROFILE

(Overview, Products and Services, Financials, Strategy & Development)*

11.1 INTRODUCTION

11.2 CISCO SYSTEMS, INC.

11.3 MICROSOFT CORPORATION

11.4 ARM HOLDINGS PLC

11.5 INTEL CORPORATION.

11.6 GE DIGITAL

11.7 FUJITSU LTD.

11.8 SCHNEIDER ELECTRIC SOFTWARE, LLC

11.9 TOSHIBA CORPORATION

11.10 PRISMTECH CORPORATION

11.11 DELL, INC.

11.12 NEBBIOLO TECHNOLOGIES

*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

12 APPENDIX

12.1 INSIGHTS FROM INDUSTRY EXPERTS

12.2 DISCUSSION GUIDE

12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

12.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

12.5 AVAILABLE CUSTOMIZATION

12.6 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 FOG COMPUTING MARKET, BY OFFERING, 2017–2022 (USD MILLION)

Table 2 FOG COMPUTING MARKET, BY APPLICATION, 2017–2022 (USD MILLION)

Table 3 FOG COMPUTING MARKET, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 4 FOG COMPUTING MARKET, BY OFFERING, 2017–2022 (USD MILLION)

Table 5 FOG COMPUTING HARDWARE MARKET, BY APPLICATION, 2017–2022 (USD MILLION)

Table 6 FOG COMPUTING HARDWARE MARKET, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 7 FOG COMPUTING SOFTWARE MARKET, BY OFFERING, 2017–2022 (USD MILLION)

Table 8 FOG COMPUTING SOFTWARE MARKET, BY APPLICATION, 2017–2022 (USD MILLION)

Table 9 FOG COMPUTING SOFTWARE MARKET, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 10 FOG COMPUTING MARKET, BY APPLICATION, 2017–2022 (USD MILLION)

Table 11 FOG COMPUTING MARKET FOR BUILDING & HOME AUTOMATION APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)

Table 12 FOG COMPUTING MARKET FOR BUILDING & HOME AUTOMATION APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 13 FOG COMPUTING MARKET FOR SMART ENERGY APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)

Table 14 FOG COMPUTING MARKET FOR SMART ENERGY APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 15 FOG COMPUTING MARKET FOR SMART MANUFACTURING APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)

Table 16 FOG COMPUTING MARKET FOR SMART MANUFACTURING APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 17 FOG COMPUTING MARKET FOR TRANSPORTATION & LOGISTICS APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)

Table 18 FOG COMPUTING MARKET FOR TRANSPORTATION & LOGISTICS APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)

Table 19 FOG COMPUTING MARKET FOR CONNECTED HEALTH APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)

Table 20 FOG COMPUTING MARKET FOR CONNECTED HEALTH APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)

- Table 21 FOG COMPUTING MARKET FOR SECURITY & EMERGENCIES APPLICATION, BY OFFERING, 2017–2022 (USD MILLION)
- Table 22 FOG COMPUTING MARKET FOR SECURITY & EMERGENCIES APPLICATION, BY GEOGRAPHY, 2017–2022 (USD MILLION)
- Table 23 FOG COMPUTING MARKET FOR OTHER APPLICATIONS, BY OFFERING, 2017–2022 (USD MILLION)
- Table 24 FOG COMPUTING MARKET FOR OTHER APPLCIATIONS, BY GEOGRAPHY, 2017–2022 (USD MILLION)
- Table 25 FOG COMPUTING MARKET, BY GEOGRAPHY, 2017–2022 (USD MILLION)
- Table 26 FOG COMPUTING MARKET IN AMERICAS, BY OFFERING, 2017–2022 (USD MILLION)
- Table 27 FOG COMPUTING MARKET IN AMERICAS, BY APPLICATION, 2017–2022 (USD MILLION)
- Table 28 FOG COMPUTING MARKET IN EUROPE, BY OFFERING, 2017–2022 (USD MILLION)
- Table 29 FOG COMPUTING MARKET IN EUROPE, BY APPLICATION, 2017–2022 (USD MILLION)
- Table 30 FOG COMPUTING MARKET IN ASIA-PACIFIC, BY OFFERING, 2017–2022 (USD MILLION)
- Table 31 FOG COMPUTING MARKET IN ASIA-PACIFIC, BY APPLICATION, 2017–2022 (USD MILLION)
- Table 32 FOG COMPUTING MARKET IN ROW, BY OFFERING, 2017–2022 (USD MILLION)
- Table 33 FOG COMPUTING MARKET IN ROW, BY APPLICATION, 2017–2022 (USD MILLION)
- Table 34 CISCO SYSTEMS, INC. (U.S.) AND PRISMTECH CORPORATION (U.S.) EXPECTED TO LEAD THE FOG COMPUTING MARKET IN 2016
- Table 35 NEW PRODUCT DEVELOPMENTS (2014–2016)
- Table 36 MERGERS AND ACQUISITIONS (2015)
- Table 37 PARTNERSHIPS, AGREEMENTS, CONTRACTS, JOINT VENTURES, AND COLLABORATIONS (2015–2016)

List Of Figures

LIST OF FIGURES

Figure 1 FOG COMPUTING MARKET: RESEARCH DESIGN

Figure 2 CLOUD COMPUTING TO WITNESS TREMENDOUS GROWTH BETWEEN 2016 AND 2022

Figure 3 DATA TRIANGULATION

Figure 4 PROCESS FLOW OF MARKET SIZE ESTIMATION

Figure 5 SOFTWARE TO HAVE THE MAJOR MARKET SIZE BETWEEN 2017 AND 2022

Figure 6 SMART MANUFACTURING TO HAVE THE LARGEST MARKET SIZE BETWEEN 2017 AND 2022

Figure 7 AMERICAS TO GROW WITH THE HIGHEST RATE IN FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 8 ATTRACTIVE OPPORTUNITIES IN THE FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 9 SOFTWARE SEGMENT TO HOLD THE MAJOR MARKET SHARE IN THE OVERALL FOG COMPUTING MARKET (2017–2022)

Figure 10 AMERICAS TO DOMINATE THE OVERALL FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 11 SMART MANUFACTURING AND SMART ENERGY TO DOMINATE THE OVERALL FOG COMPUTING MARKET IN 2022

Figure 12 AMERICAS EXPECTED TO ENTER MATURITY STAGE IN THE FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 13 SEGMENTS OF FOG COMPUTING MARKET

Figure 14 BANDWIDTH LIMITATION OF EXISTING IOT INFRASTRUCTURE IS DRIVING THE FOG COMPUTING MARKET

Figure 15 VALUE CHAIN ANALYSIS OF FOG COMPUTING MARKET (2015)

Figure 16 KEY INDUSTRY TRENDS IN THE FOG COMPUTING MARKET

Figure 17 PORTER'S FIVE FORCES ANALYSIS OF THE FOG COMPUTING MARKET (2015)

Figure 18 PORTER'S FIVE FORCES ANALYSIS (2015): IMPACT ANALYSIS FOR THE FOG COMPUTING MARKET

Figure 19 FOG COMPUTING MARKET: THREAT OF NEW ENTERANTS, 2015

Figure 20 FOG COMPUTING MARKET: BARGAINING POWER OF SUPPLIERS, 2015

Figure 21 FOG COMPUTING MARKET: THREAT OF SUBSTITUTES, 2015

Figure 22 FOG COMPUTING MARKET: BARGAINING POWER OF BUYERS, 2015

Figure 23 FOG COMPUTING MARKET: INTENSITY OF COMPETITIVE RIVALRY,

2015

Figure 24 FOG COMPUTING MARKET SEGMENTATION: BY OFFERING

Figure 25 SOFTWARE TO HOLD THE MAJOR MARKET SIZE BETWEEN 2017 AND 2022

Figure 26 SMART MANUFACTURING APPLICATION TO HOLD THE LARGEST MARKET SIZE BETWEEN 2017 AND 2022

Figure 27 FOG COMPUTING PLATFORM TO HOLD THE LARGEST MARKET SIZE BETWEEN 2017 AND 2022

Figure 28 AMERICAS TO HOLD THE LARGEST MARKET SIZE BETWEEN 2017 AND 2022

Figure 29 FOG COMPUTING MARKET SEGMENTATION, BY APPLICATION

Figure 30 FOG COMPUTING MARKET: YEAR OF ADOPTION FOR APPLICATIONS

Figure 31 SMART MANUFACTURING TO HOLD THE LARGEST MARKET SIZE BETWEEN 2017 AND 2022

Figure 32 AMERICAS TO HOLD THE LARGEST MARKET SIZE FOR SMART ENERGY BETWEEN 2017 AND 2022

Figure 33 SOFTWARE TO HOLD THE LARGEST MARKET FOR TRANSPORTATION & LOGISTICS BETWEEN 2017 AND 2022

Figure 34 SOFTWARE TO HOLD THE LARGEST MARKET FOR SECURITY & EMERGENCIES APPLICATION BETWEEN 2017 AND 2022

Figure 35 FOG COMPUTING MARKET, BY GEOGRAPHY, 2017–2022

Figure 36 AMERICAS EXPECTED TO HOLD THE LARGEST SIZE OF THE FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 37 FOG COMPUTING MARKET SNAPSHOT IN THE AMERICAS

Figure 38 SMART MANUFACTURING APPLICATION LIKELY TO DOMINATE THE EUROPEAN FOG COMPUTING MARKET BETWEEN 2017 AND 2022

Figure 39 SMART ENERGY EXPECTED TO HOLD THE LARGEST SIZE OF THE FOG COMPUTING MARKET IN ROW BETWEEN 2017 AND 2022

Figure 40 COMPANIES ADOPTED NEW PRODUCT LAUNCHES AND DEVELOPMENTS AS A KEY STRATEGY BETWEEN 2015 TO 2016

Figure 41 BATTLE FOR MARKET SHARE: NEW PRODUCT DEVELOPMENT IS THE KEY STRATEGY ADOPTED BY PLAYERS

Figure 42 GEOGRAPHIC REVENUE MIX OF THE TOP 5 PLAYERS (2015)

Figure 43 CISCO SYSTEMS, INC.: COMPANY SNAPSHOT

Figure 44 CISCO SYSTEMS INC.: SWOT ANALYSIS

Figure 45 MICROSOFT CORPORATION: COMPANY SNAPSHOT

Figure 46 MICROSOFT CORPORATION: SWOT ANALYSIS

Figure 47 ARM HOLDINGS PLC: COMPANY SNAPSHOT

Figure 48 ARM HOLDING PLC: SWOT ANALYSIS

Figure 49 INTEL CORPORATION: COMPANY SNAPSHOT

Figure 50 INTEL CORPORATION: SWOT ANALYSIS

Figure 51 GE DIGITAL: COMPANY SNAPSHOT

Figure 52 GE DIGITAL: SWOT ANALYSIS

Figure 53 FUJITSU LTD.: COMPANY SNAPSHOT

Figure 54 SCHNEIDER ELECTRIC SOFTWARE, LLC: COMPANY SNAPSHOT

Figure 55 TOSHIBA CORPORATION: COMPANY SNAPSHOT

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