

Industrial IoT Convergence: 5G, IIoT, 3D Printing, Big Data, and Streaming IoT Data Analytics 2017 - 2022

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Abstracts

OVERVIEW:

The industrial sector is rapidly integrating Internet of Things (IoT) with other key technologies including 3D Printing, Big Data and Streaming Analytics. This convergence will have a profound effect on industrial processes as well as create opportunities for product and service transformation. In some cases, entirely new business models will result from integration with broadband wireless and cloud technologies as the “as a service” model transforms many existing products into services. Looking beyond command and control of machinery and processes, IoT data itself will become extremely valuable as an agent of change for product development as well as identification of supply gaps and realization of unmet demands.

This research evaluates the status and prospects for 5G as well as supporting technologies such as Mobile Edge Computing. This research also evaluates IIoT technologies, companies, applications, services, and solutions. Report forecasts include overall global and regional IIoT outlook as well as IIoT by industry vertical, software, hardware, and services for the period 2017 to 2022. This research includes an examination of the 3D market from multiple facets including hardware manufacturers, service providers, application providers, software providers, raw material providers, and communities. The report also assesses the market impact and provides forecasts across all verticals globally and regionally for 2017 to 2022.

This research also provides an in-depth assessment of the global Big Data market, including a study of the business case, application use cases, vendor landscape, value chain analysis, case studies and a quantitative assessment of the industry with forecasting from 2017 to 2022. Finally, it evaluates the technologies, companies, and

solutions for real-time IoT data processing and analytics. The report assesses challenges and opportunities associated with realizing business value from real-time analytics. The report provides detailed forecasts globally, regionally, and across industry verticals and solution categories for 2017 to 2022.

TARGET AUDIENCE:

Network service providers

Wireless device manufacturers

Systems integration companies

IoT and wireless device manufacturers

Data management and analytics companies

Enterprise across virtually all industry verticals

Contents

5G PLANNING, STRATEGY, AND MARKET FOR NEXT GENERATION APPS AND SERVICES

1.0 INTRODUCTION

1.1 5G Technologies

1.2 Mobile Spectrum Evolution

1.2.1 1G – 2G – 3G – 4G

1.2.2 4G – 4.5G – 4.5G Pro – 4.9G – 5G

1.3 5G Spectrum Options and Utilization via Low Bands, Mid Bands, and High Bands

1.4 5G Ecosystem Architecture and Planning

1.5 5G Ecosystem Planning: Societal vs. Technology Considerations

2.0 5G NETWORK PLANNING, IMPLEMENTATION, AND APPLICATIONS

2.1 5G Network Planning and Strategic Considerations

2.1.1 LTE Foundation, Device Ecosystem, LAA, and 5G Readiness

2.1.2 Spectrum Sharing and Utilization

2.1.3 Narrowband 5G for Massive IoT

2.1.4 Multi Connectivity Architecture with Small Cell Deployment

2.1.5 Relevance of Mobile IoT Technology: NB-IoT & eMTC

2.1.6 OSS/BSS Architecture for 5G Service Operation

2.1.7 Multi-Antenna and Beamforming Impact

2.1.8 End to End Network Slicing with NFV and SDN

2.1.9 LTE Continuation in 5G Era

2.1.10 Service Design, ROI and 5G Network

2.2 5G Technology Requirements and Network Impact

2.2.1 Network Coverage and Efficiency

2.2.2 Network Spectrum Efficiency

2.2.3 Data Throughput

2.2.4 Connection Density

2.2.5 UR-LLC (Ultra-Reliable Low Latency Communication)

2.2.6 Network Energy Usage

2.2.7 Improved Battery Life

2.2.8 Improved Flexibility in Air Interface and Versatility

2.2.9 Massive MIMO

2.2.10 mmWave Technology

- 2.2.11 Integration of Access and Backhaul
- 2.2.12 D2D Communication
- 2.2.13 Flexible Duplex: FDD and TDD
- 2.2.14 Multi-Antenna Transmission Scenario
- 2.2.15 Decoupling User Data from Control System
- 2.3 5G Technology and Network Architecture
 - 2.3.1 Massive MIMO and Beamforming
 - 2.3.2 Cloud RAN
 - 2.3.3 Broadband Spectrum and Satellite
 - 2.3.4 5G New Radio (NR)
 - 2.3.5 Software Defined Air Interface
 - 2.3.6 Network Function Virtualization (NFV)
 - 2.3.7 Self Organizing Network (SON) and Self Healing Network (SHN)
 - 2.3.8 HetNet and H-CRAN
 - 2.3.9 Large-Scale Cooperative Spatial Signal Processing (LS-CSSP)
 - 2.3.10 Software Defined Radio (SDR)
 - 2.3.11 Visible Light Communications (VLCs)
 - 2.3.12 Cross Layer Controller
 - 2.3.13 Cognitive Radios (CRs) and Transmission Technologies
 - 2.3.14 Scalable OFDM and Subcarrier Spacing
- 2.4 5G Network Implementation
 - 2.4.1 Base Stations
 - 2.4.2 Small Cells
 - 2.4.3 Macro Cells
 - 2.4.4 Baseband Units and RF Units
 - 2.4.5 Mobile Core
 - 2.4.6 Remote Radio Heads
 - 2.4.7 Front-haul and Backhaul Networks
- 2.5 Strategic Relevance of 4.5G, 4.5G Pro, and 4.9G
 - 2.5.1 Mobile IoT and M2M Communication
 - 2.5.2 Broadcast Services and Immersive Entertainment
 - 2.5.3 Vehicular Communication
 - 2.5.4 Public Safety Network
 - 2.5.5 Smart City Applications
 - 2.5.6 Private Enterprise Network

3.0 5G INITIATIVES, R&D, AND FIELD TRIALS

3.1 5G Strategic Initiatives in Region

3.1.1 Asia

3.1.1.1 China

3.1.1.1.1 IMT-2020 Promotion Group

3.1.1.1.2 China National Key Project on 5G

3.1.1.2 South Korea

3.1.1.3 Japan

3.1.2 Europe

3.1.2.1 European Union Framework Project 7 (FP7)

3.1.2.2 European Union Framework Project 8 (FP8) /Horizon 2020

3.1.2.3 Celtic Plus

3.1.2.4 EIT and Other projects

3.1.3 America

3.2 5G Standardization Initiatives and Development

3.2.1 3GPP

3.2.2 5G Americas

3.2.3 ATIS

3.2.4 GSMA

3.2.5 IEEE

3.2.6 ITU

3.2.7 NGMN

3.2.8 TIA

3.2.9 FCC TAC

3.3 5G Trial by Mobile Operators

3.4 5G Spectrum Aspects

3.4.1 WRC – 15 and

3.4.2 FCC

3.4.3 5G Americas

3.4.4 CITEL

3.4.5 ITU

3.4.6 GSMA

3.4.7 GSA

4.0 MARKET OUTLOOK AND FORECASTS FOR NEXT GENERATION 5G APPS

4.1 5G Industrial Automation Global Forecasts 2020 – 2025

4.1.1 IIoT 5G Automation Market Value

4.1.1.1 Market by Segment

4.1.1.1.1 Hardware and Equipment Market by Types of Device

4.1.1.2 Market by Industry Verticals

- 4.1.1.3 Market by Technology Application
- 4.1.2 Wireless IIoT 5G Device Deployments
 - 4.1.2.1 Deployment by Device Type
 - 4.1.2.2 Deployment by Industry Vertical
- 4.2 5G Industrial Automation Regional Forecasts 2020 – 2025
 - 4.2.1 Market Value by Region
 - 4.2.2 Market Value by Leading Countries
 - 4.2.3 Deployment by Region
 - 4.2.4 Deployment by Leading Countries
 - 4.2.5 Europe Market Forecasts
 - 4.2.5.1 Market Value by Segment, Devices, Industry Vertical, and Technology Application
 - 4.2.5.2 Deployment Base by Devices and Industry Vertical
- 4.6 North America Market Forecasts
 - 4.2.6.1 Market Value by Segment, Devices, Industry Vertical and Technology Application
 - 4.2.6.2 Deployment Base by Devices and Industry Vertical
- 4.2.7 APAC Market Forecasts
 - 4.2.7.1 Market Value by Segment, Devices, Industry Vertical and Technology Application
 - 4.2.7.2 Deployment Base by Devices and Industry Vertical
- 4.3 5G Robotics Global Market Revenue
 - 4.3.1 Autonomous Robot Market
 - 4.3.2 5G Enabled Autonomous Robot Market
 - 4.3.3 5G Enabled Autonomous Robot Market by Categories
- 4.4 5G Robotics Regional Forecasts
 - 4.4.1 5G Enabled Autonomous Robot by Region
 - 4.4.2 North America 5G Enabled Autonomous Robot Market by Categories
 - 4.4.3 Europe 5G Enabled Autonomous Robot Market by Categories
 - 4.4.4 APAC 5G Enabled Autonomous Robot Market by Categories
- 4.5 Global 5G Enabled Virtual Reality Market
 - 4.5.1 Combined Market Revenue 2021 – 2026
 - 4.5.2 Combined Unit Shipment 2021 – 2026
 - 4.5.3 Combined Active User 2021 – 2026
- 4.6 5G Accelerated VR Uptake Market
 - 4.6.1 Market by Segments 2021 – 2026
 - 4.6.1.1 Hardware Market
 - 4.6.1.1.1 Full Feature Device including Haptic and Eyewear Devices
 - 4.6.1.1.2 Hardware Components including Haptic Sensors and Semiconductor

Components

- 4.6.1.2 Software and Application Market
- 4.6.1.3 Professional Service Market
- 4.6.2 VR Shipment Units 2021 – 2026
- 4.6.3 VR Active Users 2021 – 2026
- 4.6.4 5G VR Market by Region 2021 – 2026
 - 4.6.4.1 North America Market
 - 4.6.4.2 APAC Market
 - 4.6.4.3 Europe Market
- 4.6.5 5G Consumer VR Application Market 2021 – 2026
- 4.6.6 Gaming
 - 4.6.6.1 Pokemon Go Market Learning
- 4.6.7 Live Events
- 4.6.8 Video Entertainment
- 4.7 5G VR Enterprise Application Market 2021 – 2026
 - 4.7.1 Retail Sector
 - 4.7.2 Real Estate
 - 4.7.3 Healthcare
 - 4.7.4 Education
- 4.8 5G VR Industrial Application Market 2021 – 2026
 - 4.8.1 Military
 - 4.8.2 Engineering
 - 4.8.3 Civil Aviation
 - 4.8.4 Medical Industry
 - 4.8.5 Agriculture
 - 4.8.6 Government and Public Sector

5.0 CONCLUSIONS AND RECOMMENDATIONS

Figures

- Figure 1: 5G Network Features and Underlying Benefits
- Figure 2: 4G Spectrum Evolution: 1G – 2G – 3G – 4G
- Figure 3: 5G Spectrum Evolution: 4G – 4.5G – 4.5G Pro – 4.9G – 5G
- Figure 4: 5G Ecosystem Architecture Components
- Figure 5: LTE Foundation Architecture: LTE Advanced and LTE Advanced Pro
- Figure 6: Licensed Assisted Access (LAA) Uplink Cell Range in Small Cells
- Figure 7: Architecture of Shared Spectrum
- Figure 8: Spectrum Sharing Prototype on LTE-U/LAA, LWA, CBRS/LSA and MultiFire

- Figure 9: Narrowband 5G Path and Standard Release for Massive IoT
- Figure 10: Multi-Connectivity Structure deployed over Small Cell and Macro
- Figure 11: Next Generation OSS/BSS Architecture
- Figure 12: Massive Element Antenna in Combination of Phantom Cell and Massive MIMO
- Figure 13: Multiple Antenna and Beamforming Impact
- Figure 14: Bandwidth and Latency Requirements for 5G Use Cases
- Figure 15: WRC 15 and WRC 19 Spectrum Issues in 5G Network
- Figure 16: IMT 2020 Requirements for URLLC
- Figure 17: Flexible Unified Radio Interface for TTI, Integrated Sub-frame, and Dynamic Uplink and Downlink
- Figure 18: Massive MIMO Concept
- Figure 19: Massive MIMO: LTE Network to 5G NR Rel.
- Figure 20: High Spectrum Band at Massive MIMO
- Figure 21: Cloud RAN Architecture
- Figure 22: Role of Satellite in 5G Communication System
- Figure 23: 5G New Radio (NR) Release Timeline
- Figure 24: Technology Requirements of 5G NR Standards
- Figure 25: Enabling Technology of 5G NR
- Figure 26: Mobile Broadband Performance Target in 5G NR
- Figure 27: Virtual Cell and UE Centric Mobility in 5G NR
- Figure 28: Self-Contained Sub-Frame Design Structure
- Figure 29: NFV in H-RAN Solution
- Figure 30: Self-Organizing Networks (SON) in H-RAN
- Figure 31: H-RAN Application in 5G Systems
- Figure 32: Centralized LS-CSSP Structure
- Figure 33: Hybrid Architecture of SDN and SDR in 5G Network
- Figure 34: Windowed OFDM Structure
- Figure 35: Subcarrier Spacing Bandwidth Structure using FDD and TDD
- Figure 36: Mobile IoT Technology and Equipment Categories over 4G and 4.5G
- Figure 37: SDL Carrier over LTE Broadcast Service
- Figure 38: Multi-Carrier Deployment with LTE Broadcast Carrier
- Figure 39: Public Safety over LTE
- Figure 40: IMT-2020 Timeline and Process
- Figure 41: Requirements of IMT-2020
- Figure 42: 3GPP SMARTER Service Dimensions
- Figure 43: 3GPP Planned Release Timeline and Technical Specification
- Figure 44: IMT-2020 Standardization Timeline
- Figure 45: NGMN 5G Initiative Timeline

Figure 46: Global IIoT 5G Automation Market Value 2020 – 2025
Figure 47: Global Wireless IIoT 5G Device Deployment Base 2020 - 2025
Figure 48: Global Autonomous Robot Market 2018 – 2030
Figure 49: Global 5G Enabled Autonomous Robot Market 2022 – 2030
Figure 50: VR Base Market Segments, Sub-segments and Components
Figure 51: Global VR Base Market Combined Revenue 2021 – 2026
Figure 52: Global VR Base Market Combined Unit Shipment 2021 – 2026
Figure 53: Global VR Base Market Active User 2021 – 2026
Figure 54: Global 5G Accelerated Uptake Market Revenue 2021 – 2026
Figure 55: Global 5G Accelerated VR Uptake Unit Shipment 2021 – 2026
Figure 56: Global 5G Accelerated VR Uptake Active Users 2021 – 2026

Tables

Table 1: Comparison of 5G Spectrum Bands: Low vs. Mid vs. High Bands
Table 2: Components and Functions of OSS and BSS
Table 3: 5G Objectives, Target, and Technology Efforts
Table 4: European Union FP7 5G Projects
Table 5: 5G-PPP Projects Call-1
Table 6: 5GrEEn and 5GIC Projects in EU
Table 7: 5G Project Initiatives in United States
Table 8: Mobile Operators Conducting 5G Trials
Table 9: Global IIoT 5G Automation Market by Segment 2020 – 2025
Table 10: Global IIoT 5G Hardware and Equipment Market by Types of Device 2020 – 2025
Table 11: Global IIoT 5G Automation Market by Industry Vertical 2020 – 2025
Table 12: Global IIoT 5G Automation Market by Technology Application 2020 – 2025
Table 13: Global Wireless IIoT 5G Device Deployment by Types of Device 2020 – 2025
Table 14: Global Wireless IIoT 5G Device Deployment by Industry Vertical 2020 – 2025
Table 15: IIoT 5G Automation Market by Region 2020 – 2025
Table 16: IIoT 5G Automation Market by Leading Countries 2020 – 2025
Table 17: Wireless IIoT 5G Device Deployment by Region 2020 – 2025
Table 18: Wireless IIoT 5G Device Deployment by Leading Countries 2020 – 2025
Table 19: Europe IIoT 5G Automation Market by Segment 2020 – 2025
Table 20: Europe IIoT 5G Hardware and Equipment Market by Types of Device 2020 – 2025
Table 21: Europe IIoT 5G Automation Market by Industry Vertical 2020 – 2025
Table 22: Europe IIoT 5G Automation Market by Technology Application 2020 – 2025
Table 23: Europe Wireless IIoT 5G Deployment by Device Type 2020 – 2025

Table 24: Europe Wireless IIoT 5G Device Deployment by Industry Vertical 2020 – 2025

Table 25: North America IIoT 5G Automation Market by Segment 2020 – 2025

Table 26: North America IIoT 5G Hardware and Equipment Market by Types of Device 2020 – 2025

Table 27: North America IIoT 5G Automation Market by Industry Vertical 2020 – 2025

Table 28: North America IIoT 5G Automation Market by Technology Application 2020 – 2025

Table 29: North America Wireless IIoT 5G Deployment by Device Type 2020 – 2025

Table 30: North America Wireless IIoT 5G Device Deployment by Industry Vertical 2020 – 2025

Table 31: APAC IIoT 5G Automation Market by Segment 2020 – 2025

Table 32: APAC IIoT 5G Hardware and Equipment Market by Device Type 2020 – 2025

Table 33: APAC IIoT 5G Automation Market by Industry Vertical 2020 – 2025

Table 34: APAC IIoT 5G Automation Market by Technology Application 2020 – 2025

Table 35: APAC Wireless IIoT 5G Device Deployment by Device Type 2020 – 2025

Table 36: APAC Wireless IIoT 5G Device Deployment by Industry Vertical 2020 – 2025

Table 37: Global 5G Enabled Autonomous Robot Market by Category 2022 – 2030

Table 38: 5G Enabled Autonomous Robot Market by Region 2022 – 2030

Table 39: North America 5G Enabled Autonomous Robot Market by Category 2022 – 2030

Table 40: Europe 5G Enabled Autonomous Robot Market by Category 2022 – 2030

Table 41: APAC 5G Enabled Autonomous Robot Market by Category 2022 – 2030

Table 42: VR 5G Accelerated Uptake Market by Segment 2021 – 2026

Table 43: VR 5G Accelerated Hardware Uptake Market by Segment 2021 – 2026

Table 44: VR 5G Accelerated Device Uptake Market by Segment 2021 - 2026

Table 45: VR 5G Accelerated Components Uptake Market by Segment 2021 – 2026

Table 46: VR 5G Accelerated Software Uptake Market by Application 2021 – 2026

Table 47: VR 5G Accelerated Uptake Unit Shipment by Segment 2021 – 2026

Table 48: VR 5G Accelerated Uptake Unit Shipment by Devices 2021 - 2026

Table 49: VR 5G Accelerated Uptake Shipments by Component 2021 - 2026

Table 50: VR 5G Accelerated Uptake Shipments by App 2021 – 2026

Table 51: VR 5G Accelerated Uptake Users by Segment 2021 – 2026

Table 52: VR 5G Accelerated Uptake User by Device 2021 - 2026

Table 53: VR 5G Accelerated Uptake Users by Application 2021 - 2026

Table 54: VR 5G Accelerated Uptake Market by Region 2021 - 2026

Table 55: VR 5G Accelerated Uptake Units by Region 2021 - 2026

Table 56: VR 5G Accelerated Uptake Users by Region 2021 – 2026

Table 57: VR 5G Accelerated Uptake Market by North America Country 2021 - 2026

Table 58: VR 5G Accelerated Uptake Units by North America Country 2021 - 2026

Table 59: VR 5G Accelerated Uptake Users by North America Country 2021 – 2026

Table 60: VR 5G Accelerated Uptake Market by APAC Country 2021 - 2026

Table 61: VR 5G Accelerated Uptake Units by APAC Country 2021 – 2026

Table 62: VR 5G Accelerated Uptake Users by APAC Country 2021 – 2026

Table 63: VR 5G Accelerated Uptake Market by Europe Country 2021 - 2026

Table 64: VR 5G Accelerated Uptake Units by Europe Country 2021 - 2026

Table 65: VR 5G Accelerated Uptake Users by Europe Country 2021 - 2026

Table 66: VR 5G Accelerated Software Uptake Market by Consumer Applications 2021 – 2026

Table 67: VR 5G Accelerated Uptake Consumer Apps by Industry 2021 - 2026

Table 68: VR 5G Accelerated Uptake Consumer Apps User by Industry 2021 - 2026

Table 69: VR 5G Accelerated Software Uptake Market by Enterprise Applications 2021 – 2026

Table 70: VR 5G Accelerated Uptake Enterprise Apps Shipment by Industry 2021 - 2026

Table 71: VR 5G Accelerated Uptake Enterprise Apps User by Industry 2021 – 2026

Table 72: VR 5G Accelerated Software Uptake Market by Industrial Applications 2021 - 2026

Table 73: VR 5G Accelerated Uptake Industrial Apps Shipment by Industry 2021 - 2026

Table 74: VR 5G Accelerated Uptake Industrial Apps User by Industry 2021 – 2026

INDUSTRIAL INTERNET OF THINGS (IIOT) TECHNOLOGIES, SOLUTIONS, AND SERVICES 2017 – 2022

1 INTRODUCTION

1.1 Scope of Research

1.2 Target Audience

1.3 Key Findings in Report

1.4 Companies in Report

2 EXECUTIVE SUMMARY

2.1 IIoT Markets by Region 2017 - 2022

2.2 IIoT Global Markets by Products 2017 - 2022

3 OVERVIEW

3.1 Defining Industrial Internet of Things

- 3.1.1 People, Processes, and Technology
- 3.1.2 IIoT and People
- 3.1.3 IIoT and Processes
- 3.1.4 IIoT and Technologies
- 3.2 Critical Focal Areas for IIoT Execution
- 3.3 IIoT Application Areas
 - 3.3.1 Process Optimization
 - 3.3.2 Enhance, Integrate and Scale existing Corporate IT Systems
 - 3.3.3 Leverage Potential of Existing Infrastructure
- 3.4 Forming a Foundation for IIoT
 - 3.4.1 Industrial Internet Consortium
 - 3.4.2 Industry Leading Companies set the Pace
 - 3.4.3 Industry Test Beds for IIoT
 - 3.4.4 Industrial Internet Reference Architecture
- 3.5 Evaluating the Future Potential of IIoT
 - 3.5.1 Cyber-security is a Critical Concern with IIoT
 - 3.5.2 IIoT is Facilitating a Drive in Industrial Automation
 - 3.5.3 Early IIoT Deployments to Benefit Existing Industries
 - 3.5.4 IIoT will work in Collaboration to achieve Success
 - 3.5.5 IIoT and the Fourth Industry Revolution
 - 3.5.6 IIoT to Facilitate Transition to Smart Factories
 - 3.5.7 Connected Factory: New Roles for Suppliers and Customers
 - 3.5.8 IIoT and Product Transformation to an “as a Service” Economy
 - 3.5.9 Intelligent Manufacturing: From Smart Factories to Smarter Factories
 - 3.5.10 Teleoperation and Tele-robotics
 - 3.5.11 IIoT and Fifth Generation (5G) Wireless

4 IIOT TECHNOLOGIES

- 4.1 Hardware Technologies
 - 4.1.1 Hardware Development Platforms
 - 4.1.2 Smart Sensors
- 4.2 Software Technologies
 - 4.2.1 Connectivity Platforms
 - 4.2.2 Data Storage Platforms
 - 4.2.3 Data Analytics and Visualization Platforms
 - 4.2.4 IoT Protocols
 - 4.2.4.1 ZigBee
 - 4.2.4.2 Message Queuing Telemetry Transport (MQTT)

- 4.2.4.3 XMPP Accelerates IoT
- 4.2.4.4 AMQP is Provides Rich Capabilities for Distributed Systems
- 4.2.4.5 DDS enables Network Interoperability in IoT
- 4.2.4.6 Thread
- 4.2.5 Next Generation Real Time Operating Systems (RTOS)
- 4.3 IIoT and Manufacturing Execution Systems (MES)
 - 4.3.1 Role and Importance with IIoT
 - 4.3.2 MES and Cyber-Physical Systems
 - 4.3.3 MES in the Cloud and other Convergence
 - 4.3.4 Future of IIoT Enabled MES
- 4.4 Network Technologies in IIoT
 - 4.4.1 Wireless Local Area Network
 - 4.4.2 Wireless Personal Area Network
 - 4.4.3 Wireless Sensor Network

5 IIOT GLOBAL MARKET ANALYSIS AND FORECASTS 2017 - 2022

- 5.1 IIoT Markets by Region 2017 - 2022
- 5.2 IIoT Global Markets by Products Offered 2017 - 2022
 - 5.2.1 IIoT in Hardware in 2017 – 2022
 - 5.2.1.1 Connectivity platforms
 - 5.2.1.2 Sensor Infrastructures
 - 5.2.1.3 Hardware Development Platforms
 - 5.2.2 IIoT in Software in 2017 – 2022
 - 5.2.2.1 Data Storage
 - 5.2.2.2 Software Development Platforms and Apps
 - 5.2.2.3 Data Analytics Platform
 - 5.2.2.4 Cyber-security Solutions
 - 5.2.3 IIoT in Services 2017 – 2022
 - 5.2.3.1 Cloud based Services
 - 5.2.3.2 Management and Consulting Services
- 5.3 IIoT Global Markets by Industry Sector 2017 - 2022
 - 5.3.1 IIoT Deployments in Manufacturing Sector 2017 – 2022
 - 5.3.2 Healthcare in IIoT 2017 - 2022
 - 5.3.3 Automotive Industry in IIoT 2017 - 2002
 - 5.3.4 Retail Industry in IIoT 2017 - 2022
 - 5.3.5 Oil and Gas Industry in IIoT 2017 - 2022
 - 5.3.6 IIoT in Cargo and Logistic Sector 2017 – 2022
 - 5.3.7 IIoT in Utilities Sector 2017 – 2022

5.3.8 IIoT in Hospitality Sector 2017 – 2022

5.4 Market for Teleoperation and Tele-robotics in IIoT 2016 – 2021

5.4.1 IIoT Teleoperation and Tele-robotics Solutions by Segment 2016 – 2021

5.4.2 IIoT Teleoperation and Tele-robotics Solutions by Region 2017 – 2022

5.4.3 IIoT Teleoperation and Tele-robotics Solutions by Tech and App 2017 – 2022

5.4.4 IIoT Teleoperation and Tele-robotics Solution by Industry Vertical 2017 – 2022

5.4.5 Artificial Intelligence in IIoT Teleoperation and Tele-robotics Solutions

6 COMPANY ANALYSIS

6.1 AGT International

6.2 ARM Holdings

6.3 AT&T Inc.

6.3.1 AT&T Machine to Machine Solutions

6.3.2 AT&T M2X

6.4 B+B SmartWorx

6.5 Bayshore Networks

6.6 Bosch

6.6.1 Bosch Connected Devices and Solutions GmbH

6.6.2 Bosch Software Innovations: Bosch IoT Suite

6.7 Cisco System Inc.

6.7.1 Cisco Industrial Networks

6.7.2 Cisco Embedded Networks

6.7.3 Management and Application Enablement

6.7.4 Physical and Cyber Cyber-security

6.7.5 Cisco IIoT Solutions

6.8 Contiki

6.9 Digi International

6.10 Echelon Corporation

6.10.1 Echelon's IzoT Platform

6.11 Elecsys Corporation

6.12 General Electric

6.12.1 GE Predicitvity Solution

6.12.2 GE Predix Platform

6.13 Jasper Technologies Inc. (Cisco)

6.14 Lynx Software Technologies, Inc.

6.15 Object Management Group (OMG)

6.15.1 Data Distribution Service (DDS)

6.15.2 Dependability Assurance Framework for Safety-Sensitive Consumer Devices

- 6.15.3 Threat Modelling
- 6.15.4 Structured Assurance Case Meta-model (SACM)
- 6.15.5 Unified Component Model for Distributed, Real-Time and Embedded Systems (UCM)
- 6.15.6 Automated Source Code CWE-SANS Top 25-Based Cyber-security Measure
- 6.15.7 Oil and Gas Risk Management
- 6.16 OneM2M Partners
- 6.17 ParStream (Cisco)
- 6.18 RIOT
- 6.19 Real Time Innovation (RTI)
 - 6.19.1 RTI Connex DDS
 - 6.19.2 RTI Industrial IoT FastTrax Program
- 6.20 Sensata Technologies
- 6.21 Symantec
- 6.22 Unisys Corporation
- 6.23 Wind River
- 6.24 Worldsensing
- 6.25 Wovyn LLC.

Figures

- FIGURE 1: IIoT Impact on Automation and Processes
- FIGURE 2: Four Pillars of IIoT Execution
- FIGURE 3: IoT Framework
- FIGURE 4: 5G and IIoT
- FIGURE 5: Requirements for Wireless IIoT Access Technology
- FIGURE 6: Hardware Systems used in IIoT
- FIGURE 7: Software Solutions used in IIoT
- FIGURE 8: Smart Sensor Components
- FIGURE 9: Smart Sensor Model
- FIGURE 10: Smart Sensor Model with Functional Partitioning
- FIGURE 11: IoT Data Processing Flow
- FIGURE 12: Sensor Node Components
- FIGURE 13: Wireless Sensor Network Topologies
- FIGURE 14: Global IIoT Market 2017 – 2022
- FIGURE 15: IIoT Regional Markets 2017 – 2022
- FIGURE 16: IIoT Deployments in Manufacturing Sector 2017 – 2022
- FIGURE 17: IIoT Deployments in Manufacturing Sector by Region 2017 – 2022
- FIGURE 18: IIoT Deployments in Healthcare Sector 2017 – 2022

FIGURE 19: IIoT Deployments in Healthcare Sector by Region 2017 – 2022
FIGURE 20: IIoT Deployments in Automotive Sector 2017 – 2022
FIGURE 21: IIoT Deployments in Automotive Sector by Regions 2017 – 2022
FIGURE 22: IIoT Deployments in Retail Sector 2017 – 2022
FIGURE 23: IIoT Deployments in Retail Sector by Region 2017 – 2022
FIGURE 24: IIoT Deployments in Oil and Gas Sector 2017 – 2022
FIGURE 25: IIoT Deployments in Oil and Gas Sector by Region 2017 – 2022
FIGURE 26: IIoT Deployments in Cargo and Logistics Sector 2017 – 2022
FIGURE 27: IIoT Deployments in Cargo and Logistics Sector by Region 2017 – 2022
FIGURE 28: IIoT in Utilities Sector 2017 – 2022
FIGURE 29: IIoT in Utility Sector by Region 2017 – 2022
FIGURE 30: IIoT in Hospitality Sector 2017 – 2022
FIGURE 31: IIoT in Hospitality Sector by Region 2017 – 2022
FIGURE 32: Embedded Systems and IIoT
FIGURE 33: Managing Devices, Processes, and End-users in IIoT
FIGURE 34: IIoT Management Platform: Cloud, Connectivity, and Devices
FIGURE 35: Fourth Generation Automation Software

Tables

TABLE 1: Leading Proprietary RTOS in Embedded Systems
TABLE 2: Global IIoT Market 2017 – 2022
TABLE 3: IIoT Regional Markets 2017 - 2022
TABLE 4: IIoT Markets by Product Segment 2017 - 2022
TABLE 5: IIoT Regional Markets by Product Sub-segment 2017 - 2022
TABLE 6: Connectivity Platforms by Industry Sector 2017 -2022
TABLE 7: Connectivity Platforms by Regions 2017 -2022
TABLE 8: Sensor Infrastructure by Industry Sector 2017 -2022
TABLE 9: Sensor Infrastructure by Region 2017 -2022
TABLE 10: Hardware Platforms by Industry Sector 2017 -2022
TABLE 11: Hardware Platforms by Region 2017 -2022
TABLE 12: Data Storage by Industry Sector 2017 -2022
TABLE 13: Data Storage by Region 2017 -2022
TABLE 14: Software Development Platforms and Apps by Industry Sector 2017 -2022
TABLE 15: Software Development Platforms and Apps by Region 2017 -2022
TABLE 16: Data Analytics platform by Industry Sector 2017 -2022
TABLE 17: Data Analytics platform by Region 2017 -2022
TABLE 18: Cyber-security Solutions by Industry Sector 2017 -2022
TABLE 19: Cyber-security Solutions by Region 2017 -2022

TABLE 20: Cloud based Services by Industry Sector 2017 -2022
TABLE 21: Cloud based Services by Region 2017 -2022
TABLE 22: Management and Consulting Services by Industry Sector 2017 -2022
TABLE 23: Management and Consulting Services by Region 2017 -2022
TABLE 24: IIoT Global Markets for Industry Sector 2017 – 2022
TABLE 25: IIoT Deployments in Manufacturing Sector 2017 – 2022
TABLE 26: IIoT Deployments in Manufacturing Sector by Region 2017 – 2022
TABLE 27: IIoT Deployments in Manufacturing Sector by Product sub-segment 2017 – 2022
TABLE 28: IIoT Deployments in Healthcare Sector 2016 – 2021
TABLE 29: IIoT Deployments in Healthcare Sector by Region 2017 – 2022
TABLE 30: IIoT Deployments in Healthcare Sector by Product sub-segments 2017 – 2022
TABLE 31: IIoT Deployments in Automotive Sector 2017 – 2022
TABLE 32: IIoT Deployments in Automotive Sector by Region 2017 – 2022
TABLE 33: IIoT Deployments in Automotive Sector by Product Sub-segment 2017 – 2022
TABLE 34: IIoT Deployments in Retail Sector 2017 – 2022
TABLE 35: IIoT Deployments in Retail Sector by Region 2017 – 2022
TABLE 36: IIoT Deployments in Retail Sector by Product Sub-segment 2017 – 2022
TABLE 37: IIoT Deployments in Oil and Gas Sector 2017 – 2022
TABLE 38: IIoT Deployments in Oil and Gas Sector by Region 2017 – 2022
TABLE 39: IIoT Deployments in Oil and Gas by Product Sub-segment 2017 – 2022
TABLE 40: IIoT Deployments in Cargo and Logistics Sector 2017 – 2022
TABLE 41: IIoT Deployments in Cargo and Logistics Sector by Region 2017 – 2022
TABLE 42: IIoT Deployments in Cargo and Logistics Sector by Product Sub-segment 2017 – 2022
TABLE 43: IIoT in Utility Sector 2017 – 2022
TABLE 44: IIoT in Utility Sector by Region 2017 – 2022
TABLE 45: IIoT in Utility Sector by Product Sub-segment 2017 – 2022
TABLE 46: IIoT in Hospitality Sector 2017 – 2022
TABLE 47: IIoT in Hospitality Sector by Region 2017 – 2022
TABLE 48: IIoT in Hospitality Sector by Product Sub-segment 2017 – 2022
TABLE 49: Teleoperation and Tele-robotics Solution by Segment 2017 – 2022
TABLE 50: Teleoperation and Tele-robotics Solution Market by Region 2017 – 2022
TABLE 51: Teleoperation and Tele-robotics by Sector/Tech/App 2017 – 2022
TABLE 52: Teleoperation and Tele-robotics Solution by Industry Vertical 2017 – 2022
TABLE 53: AI in Teleoperation and Tele-robotics Software Market

3D PRINTING MARKET OUTLOOK AND FORECASTS 2017 – 2022

1 OVERVIEW

- 1.1 3D Printing and Additive Manufacturing
 - 1.1.1 Stereo Lithography and Additive Manufacturing
- 1.2 Traditional Manufacturing vs. Additive Manufacturing
- 1.3 3D Printing Process
- 1.4 Business Benefits of 3D Printing
 - 1.4.1 Creation of Complex Design
 - 1.4.2 High Level of Customization
 - 1.4.3 Keep Fixed Costs Low following Single Tool Process
 - 1.4.4 Prototyping Process Much Faster and Increase Time of Market
 - 1.4.5 Help Businesses Reduce Waste
- 1.5 3D Printing Market: SWOT Analysis
 - 1.5.1 Strengths and Opportunities in 3D Printing
 - 1.5.1.1 Rise of Outsourced Service Ecosystem for 3D Printing
 - 1.5.1.2 Rise of Cloud Powered Virtual Inventory based Supply Chain
 - 1.5.1.3 Beginning the Era of Distributed, Holistic, and True Manufacturing
 - 1.5.1.4 The Use of 3D Printing in Other Industries
 - 1.5.1.5 Increasing Support of Governments and R&D Activities
 - 1.5.1.6 Internet of Things and Artificial Intelligence opens New Opportunities
 - 1.5.2 Market Weakness and Threats
 - 1.5.2.1 High Cost Involvement with Large Scale Production
 - 1.5.2.2 Vulnerability of Printing Materials
 - 1.5.2.3 Challenges of Printing High Precision Products
- 1.6 3D Printing Investment Trend Analysis
 - 1.6.1 Regional Investment Trends: US, Europe and APAC
 - 1.6.2 Corporate Investment Trends in US, Europe and APAC
 - 1.6.3 Emerging Investment Opportunity in 3D Printing Ecosystem
 - 1.6.3.1 Medical 3D Printing Application
 - 1.6.3.2 Metal 3D Printing
 - 1.6.3.3 3D Printing Materials
 - 1.6.3.4 3D Software
 - 1.6.4 Risk Exposure Analysis in 3D Printing
 - 1.6.5 3D Printing Merger and Acquisition Analysis
 - 1.6.6 3D Printing Patent Analysis

2 3D PRINTING MARKET ANALYSIS AND FORECASTS 2017 TO 2022

2.1 Global 3D Printing Market 2017 to 2022

2.1.1 3D Printing Market by Segment

2.1.1.1 Industrial Market vs. Consumer Market

2.1.2 3D Printing Market by Component

2.1.2.1 3D Printing Product Market

2.1.2.1.1 Industrial vs. Desktop Printers

2.1.2.2 3D Printing Raw Material Market 2017 to 2022

2.1.2.2.1 Polymer and Plastic Market

2.1.2.2.2 Metals and Alloy Market

2.1.2.2.3 Ceramic Market

2.1.2.2.4 Other Materials

2.1.2.3 3D Printing Software and Services Market

2.1.3 Global 3D Printing Market by Technology 2017 to 2022

2.1.3.1 Stereo Lithography

2.1.3.2 Jetting Technology

2.1.3.3 Powder Bed Fusion

2.1.3.4 Fused Deposition Modelling

2.1.3.5 Laminated Object Manufacturing

2.1.3.6 Fused Filament Fabrication

2.1.3.7 Selective Deposition Lamination

2.1.4 Global 3D Printing Market by Application

2.1.5 Global 3D Printing Market by End User Industry

2.2 Regional 3D Printing Market 2017 to 2022

2.2.1 Americas 3D Printing Market by Segment, Component, Tech, App, and Industry

2.2.1.1 Americas 3D Printing Market by Country

2.2.2 Europe 3D Printing Market by Segment, Component, Tech, App, and Industry

2.2.2.1 Europe 3D Printing Market by Country

2.2.3 APAC 3D Printing Market by Segment, Component, Tech, App, and Industry

2.2.3.1 APAC 3D Printing Market by Country

2.2.4 Rest of the World 3D Printing Market by Segment, Component, Tech, App, and Industry

2.2.4.1 ROW 3D Printing Market by Country

2.3 3D Printer Shipments 2017 to 2022

2.3.1 Global 3D Printer Shipments by Segment

2.3.2 Global 3D Printer Shipments by Industry

2.3.3 3D Printer Shipments by Region

2.3.3.1 Americas 3D Printer Shipments by Country

2.3.3.2 Europe 3D Printer Shipments by Country

- 2.3.3.3 APAC 3D Printer Shipments by Country
- 2.3.3.4 ROW 3D Printer Shipments by Country
- 2.4 3D Printing Raw Materials Supply 2017 to 2022
 - 2.4.1 Global 3D Printing Raw Materials Supply by Form
 - 2.4.2 Global 3D Printing Raw Materials Supply by Type
 - 2.4.3 Global 3D Printing Raw Materials Supply by Industry
 - 2.4.4 3D Printing Raw Materials Supply by Region
 - 2.4.4.1 Americas 3D Printing Raw Materials Supply by Country
 - 2.4.4.2 Europe 3D Printing Raw Materials Supply by Country
 - 2.4.4.3 APAC 3D Printing Raw Materials Supply by Country
 - 2.4.4.4 ROW 3D Printing Raw Materials Supply by Country

3 3D PRINTING ECOSYSTEM AND VENDOR ANALYSIS

- 3.1 3D Printing Value Chain and Elements
 - 3.1.1 Multi-material vs. Mesosstructure Material
- 3.2 Emerging 3D Printing Ecosystem
 - 3.2.1 Object Distribution
 - 3.2.2 Printer Control Systems
 - 3.2.3 Printer Access Networks
 - 3.2.4 IoT and Artificial Intelligence
- 3.3 3D Printer Pricing Analysis
- 3.4 Average Industry Order Value and Funding Chart
 - 3.4.1 Order Value by Industry
 - 3.4.2 Order Value by Company Size
 - 3.4.3 Yearly Industry Funding in 3D Printing Category
- 3.5 Popular Printer Chart: Desktop vs. Industrial Printer and by Regions
- 3.6 3D Printing Vendor Ecosystem
 - 3.6.1 3D Printer Manufacturer
 - 3.6.2 3D Printing Service Provider
 - 3.6.3 3D Printing Marketplace Providers
 - 3.6.4 3D Printing Application Providers
 - 3.6.5 3D Scanner Manufacturer
 - 3.6.6 3D Printing CAD Software Providers
 - 3.6.7 3D Printing Raw Material providers
 - 3.6.8 3D Printing Network Providers
 - 3.6.9 3D Printing Communities

4 MARKET DIRECTION AND FUTURE OF 3D PRINTING

- 4.1 Fourth Industrial Revolution: Industry 4.0
- 4.2 Multi-Material and Cheaper 3D Printer and New Raw Materials
- 4.3 Wider Accessibility to 3D Modeling
- 4.4 3D Applications in Everyday Life
- 4.5 Implications for Enterprise in various Industries

Figures

- Figure 1: SLA-1: World's First 3D Printer
- Figure 2: 3D Printing Process
- Figure 3: Adoption and Impact Timeline of 3D Printing
- Figure 4: 3D Printed Auto Chassis designed by AI Technology
- Figure 5: Schema of SLA Technology
- Figure 6: Schema of Material Jetting Technology
- Figure 7: Schema of Binder Jetting Technology
- Figure 8: Schema of FDM Technology
- Figure 9: 3D Printing Impact on Industries
- Figure 10: Global 3D Printer Shipment 2017 – 2022
- Figure 11: Global 3D Printing Raw Materials Supply 2017 – 2022
- Figure 12: 3D Printing Value Chain Partner and Activity
- Figure 13: Mesostructure Material Design Diagram
- Figure 14: 3D Printer Prices for Consumer, Enterprise, and Industrial Market Segments
- Figure 15: Average Order Value of 3D Printing by Industry
- Figure 16: Average Order Value of 3D Printing by Company Size
- Figure 17: Average Yearly Industry Funding for 3D Printing by 3D Printing Category
- Figure 18: 3D Printing Vendor Ecosystem
- Figure 19: Potential Future 3D Printing Application

Tables

- Table 1: Global Public Investment in 3D Printing System
- Table 2: Original Patent of 3D Technology and Expiration Timeline
- Table 3: 3D Printing Patent Filling Status by Technology and Top Player
- Table 4: Top Ten Patent Companies by Region
- Table 5: Global 3D Printing Market 2017 – 2022
- Table 6: Global 3D Printing Market by Segment 2017 – 2022
- Table 7: Global 3D Printing Market by Component 2017 – 2022
- Table 8: 3D Printing Product Market by Type 2017 – 2022

Table 9: 3D Printing Raw Material Market by Type 2017 – 2022
Table 10: 3D Printing Raw Material: Polymer Market by Type 2017 – 2022
Table 11: 3D Printing Raw Material: Metals and Alloy Market by Type 2017 – 2022
Table 12: 3D Printing Raw Material: Ceramic Market by Type 2017 – 2022
Table 13: 3D Printing Raw Material: Other Material Market by Type 2017 – 2022
Table 14: 3D Printing Software and Services Market by Type 2017 – 2022
Table 15: Global 3D Printing Market by Technology 2017 – 2022
Table 16: 3D Printing Technology: Jetting Technology Market by Type 2017 – 2022
Table 17: 3D Printing Technology: Powder Bed Fusion Market by Type 2017 – 2022
Table 18: Global 3D Printing Market by Application 2017 – 2022
Table 19: Global 3D Printing Market by Industry 2017 – 2022
Table 20: 3D Printing Market by Region 2017 – 2022
Table 21: Americas 3D Printing Market by Segment 2017 – 2022
Table 22: Americas 3D Printing Market by Component 2017 – 2022
Table 23: Americas 3D Printing Market by Technology 2017 – 2022
Table 24: Americas 3D Printing Market by Application 2017 – 2022
Table 25: Americas 3D Printing Market by Industry 2017 – 2022
Table 26: Americas 3D Printing Market by Country 2017 – 2022
Table 27: Europe 3D Printing Market by Segment 2017 - 2022
Table 28: Europe 3D Printing Market by Component 2017 – 2022
Table 29: Europe 3D Printing Market by Technology 2017 – 2022
Table 30: Europe 3D Printing Market by Application 2017 – 2022
Table 31: Europe 3D Printing Market by Industry 2017 – 2022
Table 32: Europe 3D Printing Market by Country 2017 – 2022
Table 33: APAC 3D Printing Market by Segment 2017 – 2022
Table 34: APAC 3D Printing Market by Component 2017 – 2022
Table 35: APAC 3D Printing Market by Technology 2017 - 2022
Table 36: APAC 3D Printing Market by Application 2017 – 2022
Table 37: APAC 3D Printing Market by Industry 2017 – 2022
Table 38: APAC 3D Printing Market by Country 2017 – 2022
Table 39: ROW 3D Printing Market by Segment 2017 – 2022
Table 40: ROW 3D Printing Market by Component 2017 – 2022
Table 41: ROW 3D Printing Market by Technology 2017 – 2022
Table 42: ROW 3D Printing Market by Application 2017 – 2022
Table 43: ROW 3D Printing Market by Industry 2017 – 2022
Table 44: ROW 3D Printing Market by Country 2017 – 2022
Table 45: Global 3D Printer Shipment by Segment 2017 – 2022
Table 46: Global 3D Printer Shipment by Industry 2017 – 2022
Table 47: 3D Printer Shipments by Region 2017 - 2022

Table 48: Americas 3D Printer Shipments by Country 2017 - 2022
Table 49: Europe 3D Printer Shipments by Country 2017 - 2022
Table 50: APAC 3D Printer Shipments by Country 2017 - 2022
Table 51: ROW 3D Printer Shipments by Country 2017 - 2022
Table 52: Global 3D Printing Raw Materials Supply by Form 2017 – 2022
Table 53: Global 3D Printing Raw Materials Supply by Type 2017 – 2022
Table 54: 3D Printing Raw Material: Polymer Material Supply by Type 2017 – 2022
Table 55: 3D Printing Raw Material: Metals Material Supply by Type 2017 – 2022
Table 56: 3D Printing Raw Material: Ceramic Material Supply by Type 2017 – 2022
Table 57: 3D Printing Raw Material: Other Material Supply by Type 2017 – 2022
Table 58: Global 3D Printing Raw Materials Supply by Industry 2017 - 2022
Table 59: 3D Printing Raw Materials Supply by Region 2017 - 2022
Table 60: Americas 3D Printing Raw Materials Supply by Country 2017 - 2022
Table 61: Europe 3D Printing Raw Materials Supply by Country 2017 - 2022
Table 62: APAC 3D Printing Raw Materials Supply by Country 2017 - 2022
Table 63: ROW 3D Printing Raw Materials Supply by Country 2017 – 2022
Table 64: Desktop and Industrial Printer Model by Technology
Table 65: Printer Model Market Share by Region

THE BIG DATA MARKET: BUSINESS CASE, MARKET ANALYSIS AND FORECASTS 2017 - 2022

1 BACKGROUND

- 1.1 Introduction
- 1.2 Scope of the Report
- 1.3 Target Audience
- 1.4 Companies in Report

2 EXECUTIVE SUMMARY

3 BIG DATA TECHNOLOGY AND BUSINESS CASE

- 3.1 Defining Big Data
- 3.2 Key Characteristics of Big Data
 - 3.2.1 Volume
 - 3.2.2 Variety
 - 3.2.3 Velocity
 - 3.2.4 Variability

- 3.2.5 Complexity
- 3.3 Big Data Technology
 - 3.3.1 Hadoop
 - 3.3.1.1 Other Apache Projects
 - 3.3.2 NoSQL
 - 3.3.2.1 Hbase
 - 3.3.2.2 Cassandra
 - 3.3.2.3 Mongo DB
 - 3.3.2.4 Riak
 - 3.3.2.5 CouchDB
 - 3.3.3 MPP Databases
 - 3.3.4 Others and Emerging Technologies
 - 3.3.4.1 Storm
 - 3.3.4.2 Drill
 - 3.3.4.3 Dremel
 - 3.3.4.4 SAP HANA
 - 3.3.4.5 Gremlin & Giraph
- 3.4 New Paradigms and Techniques
 - 3.4.1 Streaming Analytics
 - 3.4.2 Cloud Technology
 - 3.4.3 Google Search
 - 3.4.4 Customize Analytical Tools
 - 3.4.5 Internet Keywords
 - 3.4.6 Gamification
- 3.5 Big Data Roadmap
- 3.6 Market Drivers
 - 3.6.1 Data Volume & Variety
 - 3.6.2 Increasing Adoption of Big Data by Enterprises and Telecom
 - 3.6.3 Maturation of Big Data Software
 - 3.6.4 Continued Investments in Big Data by Web Giants
 - 3.6.5 Business Drivers
- 3.7 Market Barriers
 - 3.7.1 Privacy and Security: The 'Big' Barrier
 - 3.7.2 Workforce Re-skilling and Organizational Resistance
 - 3.7.3 Lack of Clear Big Data Strategies
 - 3.7.4 Technical Challenges: Scalability & Maintenance
 - 3.7.5 Big Data Development Expertise

4 KEY SECTORS FOR BIG DATA

- 4.1 Industrial Internet and Machine-to-Machine
 - 4.1.1 Big Data in M2M
 - 4.1.2 Vertical Opportunities
- 4.2 Retail and Hospitality
 - 4.2.1 Improving Accuracy of Forecasts & Stock Management
 - 4.2.2 Determining Buying Patterns
 - 4.2.3 Hospitality Use Cases
 - 4.2.4 Personalized Marketing
- 4.3 Media
 - 4.3.1 Social Media
 - 4.3.2 Social Gaming Analytics
 - 4.3.3 Usage of Social Media Analytics by Other Verticals
 - 4.3.4 Internet Keyword Search
- 4.4 Utilities
 - 4.4.1 Analysis of Operational Data
 - 4.4.2 Application Areas for the Future
- 4.5 Financial Services
 - 4.5.1 Fraud Analysis, Mitigation & Risk Profiling
 - 4.5.2 Merchant-Funded Reward Programs
 - 4.5.3 Customer Segmentation
 - 4.5.4 Customer Retention & Personalized Product Offering
 - 4.5.5 Insurance Companies
- 4.6 Healthcare and Pharmaceutical
 - 4.6.1 Drug Development
 - 4.6.2 Medical Data Analytics
 - 4.6.3 Case Study: Identifying Heartbeat Patterns
- 4.7 Telecommunications
 - 4.7.1 Telco Analytics: Customer/Usage Profiling and Service Optimization
 - 4.7.2 Big Data Analytic Tools
 - 4.7.3 Speech Analytics
 - 4.7.4 New Products and Services
- 4.8 Government and Homeland Security
 - 4.8.1 Big Data Research
 - 4.8.2 Statistical Analysis
 - 4.8.3 Language Translation
 - 4.8.4 Developing New Applications for the Public
 - 4.8.5 Tracking Crime
 - 4.8.6 Intelligence Gathering

4.8.7 Fraud Detection & Revenue Generation

4.9 Other Sectors

4.9.1 Aviation

4.9.2 Transportation & Logistics: Optimizing Fleet Usage

4.9.3 Sports: Real-Time Processing of Statistics

4.9.4 Education

4.9.5 Manufacturing

5 THE BIG DATA VALUE CHAIN

5.1 Fragmentation in the Big Data Value

5.2 Data Acquisition & Provisioning

5.3 Data Warehousing & Business Intelligence

5.4 Analytics & Visualization

5.5 Actioning and Business Process Management

5.6 Data Governance

6 BIG DATA ANALYTICS

6.1 What is Big Data Analytics?

6.2 The Importance of Big Data Analytics

6.3 Reactive vs. Proactive Analytics

6.4 Technology and Implementation Approaches

6.4.1 Grid Computing

6.4.2 In-Database processing

6.4.3 In-Memory Analytics

6.4.4 Data Mining

6.4.5 Predictive Analytics

6.4.6 Natural Language Processing

6.4.7 Text Analytics

6.4.8 Visual Analytics

6.4.9 Association Rule Learning

6.4.10 Classification Tree Analysis

6.4.11 Machine Learning

6.4.12 Neural Networks

6.4.13 Multilayer Perceptron (MLP)

6.4.14 Radial Basis Functions

6.4.14.1 Support Vector Machines

6.4.14.2 Naive Bayes

- 6.4.14.3 K-nearest Neighbors
- 6.4.15 Geospatial Predictive Modelling
- 6.4.16 Regression Analysis
- 6.4.17 Social Network Analysis

7 STANDARDIZATION AND REGULATORY INITIATIVES

- 7.1 Cloud Standards Customer Council
- 7.2 National Institute of Standards and Technology
- 7.3 OASIS
- 7.4 Open Data Foundation
- 7.5 Open Data Center Alliance
- 7.6 Cloud Security Alliance
- 7.7 International Telecommunications Union
- 7.8 International Organization for Standardization

8 GLOBAL MARKETS AND FORECASTS FOR BIG DATA

- 8.1 Global Big Data Markets 2017 – 2022
- 8.2 Regional Markets for Big Data 2017 – 2022
- 8.3 Big Data Revenue by Product Segment 2017 – 2022
 - 8.3.1 Database Management Systems
 - 8.3.2 Big Data Integration Tools
 - 8.3.3 Application Infrastructure and Middleware
 - 8.3.4 Business Intelligence Tools and Analytics Platforms
 - 8.3.5 Big Data in Professional Services

9 KEY PLAYERS IN THE BIG DATA MARKET

- 9.1 Vendor Assessment Matrix
- 9.2 1010Data
- 9.3 Accenture
- 9.4 Actian Corporation
- 9.5 Amazon
- 9.6 Apache Software Foundation
- 9.7 APTEAN (Formerly CDC Software)
- 9.8 Booz Allen Hamilton
- 9.9 Bosch Software Innovations: Bosch IoT Suite
- 9.10 Capgemini

- 9.11 Cisco Systems
- 9.12 Cloudera
- 9.13 CRAY Inc.
- 9.14 Computer Science Corporation (CSC)
- 9.15 DataDirect Network
- 9.16 Dell
- 9.17 Deloitte
- 9.18 EMC
- 9.19 Facebook
- 9.20 Fujitsu
- 9.21 General Electric (GE)
- 9.22 GoodData Corporation
- 9.23 Google
- 9.24 Guavus
- 9.25 HP
- 9.26 Hitachi Data Systems
- 9.27 Hortonworks
- 9.28 IBM
- 9.29 Informatica
- 9.30 Intel
- 9.31 Jasper (Cisco Jasper)
- 9.32 Juniper Networks
- 9.33 Marklogic
- 9.34 Microsoft
- 9.35 MongoDB (Formerly 10Gen)
- 9.36 MU Sigma
- 9.37 Netapp
- 9.38 NTT Data
- 9.39 Open Text (Actuate Corporation)
- 9.40 Opera Solutions
- 9.41 Oracle
- 9.42 Pentaho
- 9.43 Qlik Tech
- 9.44 Quantum
- 9.45 Rackspace
- 9.46 Revolution Analytics
- 9.47 Salesforce
- 9.48 SAP
- 9.49 SAS Institute

- 9.50 Sisense
- 9.51 Software AG/Terracotta
- 9.52 Splunk
- 9.53 Sqrrl
- 9.54 Supermicro
- 9.55 Tableau Software
- 9.56 Tata Consultancy Services
- 9.57 Teradata
- 9.58 Think Big Analytics
- 9.59 TIBCO
- 9.60 Tidemark Systems
- 9.61 VMware (Part of EMC)
- 9.62 Wipro
- 9.63 Workday (Platfora)
- 9.64 Zettics

10 APPENDIX: BIG DATA SUPPORT OF STREAMING IOT DATA

- 10.1 Big Data Technology Market Outlook for Streaming IoT Data
 - 10.1.1 IoT Data Management is a Ubiquitous Opportunity across Enterprise
 - 10.1.2 IoT Data becomes a Big Data Revenue Opportunity
 - 10.1.3 Real-time Streaming IoT Data Analytics becoming a Substantial Business Opportunity
- 10.2 Global Streaming IoT Data Analytics Revenue
 - 10.2.1 Overall Streaming Data Analytics Revenue for IoT
 - 10.2.2 Global Streaming IoT Data Analytics Revenue by App, Software, and Services
 - 10.2.3 Global Streaming IoT Data Analytics Revenue in Industry Verticals
 - 10.2.3.1 Streaming IoT Data Analytics Revenue in Retail
 - 10.2.3.1.1 Streaming IoT Data Analytics Revenue by Retail Segment
 - 10.2.3.1.2 Streaming IoT Data Analytics Retail Revenue by App, Software, and Service
 - 10.2.3.2 Streaming IoT Data Analytics Revenue in Telecom and IT
 - 10.2.3.2.1 Streaming IoT Data Analytics Revenue by Telecom and IT Segment
 - 10.2.3.2.2 Streaming IoT Data Analytics Revenue by Telecom & IT App, Software, and Service
 - 10.2.3.3 Streaming IoT Data Analytics Revenue in Energy and Utility
 - 10.2.3.3.1 Streaming IoT Data Analytics Revenue by Energy and Utility Segment
 - 10.2.3.3.2 Streaming IoT Data Analytics Energy and Utilities Revenue by App, Software, and Service

- 10.2.3.4 Streaming IoT Data Analytics Revenue in Government
 - 10.2.3.4.1 Streaming IoT Data Analytics Revenue by Government Segment
 - 10.2.3.4.2 Streaming IoT Data Analytics Government Revenue by App, Software, and Service
- 10.2.3.5 Streaming IoT Data Analytics Revenue in Healthcare and Life Science
 - 10.2.3.5.1 Streaming IoT Data Analytics Revenue by Healthcare Segment
- 10.2.3.6 Streaming IoT Data Analytics Revenue in Manufacturing
 - 10.2.3.6.1 Streaming IoT Data Analytics Revenue by Manufacturing Segment
 - 10.2.3.6.2 Streaming IoT Data Analytics Manufacturing Revenue by App, Software, and Service
- 10.2.3.7 Streaming IoT Data Analytics Revenue in Transportation & Logistics
 - 10.2.3.7.1 Streaming IoT Data Analytics Revenue by Transportation & Logistics Segment
 - 10.2.3.7.2 Streaming IoT Data Analytics Transportation & Logistics Revenue by App, Software, and Service
- 10.2.3.8 Streaming IoT Data Analytics Revenue in Banking and Finance
 - 10.2.3.8.1 Streaming IoT Data Analytics Revenue by Banking and Finance Segment
 - 10.2.3.8.2 Streaming IoT Data Analytics Revenue by Banking & Finance App, Software, and Service
- 10.2.3.9 Streaming IoT Data Analytics Revenue in Smart Cities
 - 10.2.3.9.1 Streaming IoT Data Analytics Revenue by Smart City Segment
- 10.2.3.10 Streaming IoT Data Analytics Revenue in Automotive
 - 10.2.3.10.1 Streaming IoT Data Analytics Revenue by Automobile Industry Segment
 - 10.2.3.10.2 Streaming IoT Data Analytics Revenue by Automotive Industry App, Software, and Service
- 10.2.3.11 Streaming IoT Data Analytics Revenue in Education
 - 10.2.3.11.1 Streaming IoT Data Analytics Revenue by Education Industry Segment
 - 10.2.3.11.2 Streaming IoT Data Analytics Revenue by Education Industry App, Software, and Service
- 10.2.3.12 Streaming IoT Data Analytics Revenue in Outsourcing Services
 - 10.2.3.12.1 Streaming IoT Data Analytics Revenue by Outsourcing Segment
 - 10.2.3.12.2 Streaming IoT Data Analytics Revenue by Outsourcing Industry App, Software, and Service
- 10.2.3.13 Streaming IoT Data Analytics Revenue by Leading Vendor Platform
- 10.3 Regional Streaming IoT Data Analytics Revenue
 - 10.3.1 Revenue in Region
 - 10.3.2 APAC Market Revenue
 - 10.3.3 Europe Market Revenue
 - 10.3.4 North America Market Revenue

- 10.3.5 Latin America Market Revenue
- 10.3.6 ME&A Market Revenue
- 10.4 Streaming IoT Data Analytics Revenue by Country 2016 – 2021
 - 10.4.1 Revenue by APAC Countries
 - 10.4.1.1 Leading Countries
 - 10.4.1.2 Japan Market Revenue
 - 10.4.1.3 China Market Revenue
 - 10.4.1.4 India Market Revenue
 - 10.4.1.5 Australia Market Revenue
 - 10.4.2 Revenue by Europe Countries
 - 10.4.2.1 Leading Countries
 - 10.4.2.2 Germany Market Revenue
 - 10.4.2.3 UK Market Revenue
 - 10.4.2.4 France Market Revenue
 - 10.4.3 Revenue by North America Countries
 - 10.4.3.1 Leading Countries
 - 10.4.3.2 US Market Revenue
 - 10.4.3.3 Canada Market Revenue
 - 10.4.4 Revenue by Latin America Countries
 - 10.4.4.1 Leading Countries
 - 10.4.4.2 Brazil Market Revenue
 - 10.4.4.3 Mexico Market Revenue
 - 10.4.5 Revenue by ME&A Countries
 - 10.4.5.1 Leading Countries
 - 10.4.5.2 South Africa Market Revenue
 - 10.4.5.3 UAE Market Revenue

Figures

- Figure 1: Key Characteristics of Big Data
- Figure 2: NoSQL vs Legacy DB Performance Comparisons
- Figure 3: Roadmap Big Data Technologies 2016 - 2030
- Figure 4: The Big Data Value Chain
- Figure 5: Big Data Value Flow
- Figure 6: Big Data Analytics
- Figure 7: Global Big Data Markets 2017 – 2022
- Figure 8: Regional Big Data Markets 2017 – 2022
- Figure 9: Database Management Systems 2017 – 2022
- Figure 10: Data Integration and Quality Tools 2017 – 2022

Figure 11: Application Infrastructure and Middleware 2017 – 2022

Figure 12: Business Intelligence Tools and Analytics Platforms 2017 – 2022

Figure 13: Big Data in Professional Services 2017 – 2022

Figure 14: Big Data Vendor Ranking Matrix

Figure 15: Streaming IoT Data Sources Compared

Tables

TABLE 1: Global Big Data Markets 2017 – 2022

TABLE 2: Regional Big Data Markets 2017 – 2022

TABLE 3: Big Data Markets by Product Segments 2017 – 2022

TABLE 4: Database Management Systems 2017 – 2022

TABLE 5: Data Integration Tools 2017 – 2022

TABLE 6: Application Infrastructure and Middleware 2017 – 2022

TABLE 7: Business Intelligence Tools and Analytics Platforms 2017 – 2022

TABLE 8: Big Data in Professional Services 2017 – 2022

TABLE 9: Big Data Analytics Platforms by Company

STREAMING IOT DATA MARKET OUTLOOK AND FORECASTS 2017 - 2022

1 INTRODUCTION

1.1 Research Background

1.2 Research Scope

1.3 Target Audience

1.4 Companies Covered

2 EXECUTIVE SUMMARY

3 OVERVIEW

3.1 Understanding IoT Data

3.1.1 IoT Data vs. other Unstructured Data

3.1.2 Key IoT Data Characteristics

3.1.2.1 IoT Data is Real Time

3.1.2.2 Massive Volumes of IoT Data

3.1.2.3 IoT Data Generates Useful Insights

3.2 IoT Data Management Operations

3.2.1 Basic Data Implementation and Operational Challenges

- 3.2.1.1 IoT Data Scalability
- 3.2.1.2 IoT Data Integration
- 3.2.2 Data Management and Processing Raw Data
- 3.2.3 Centralized Storage and Decentralized Processing
- 3.2.4 Accessing and Exchanging IoT Data via APIs
- 3.2.5 Data Security and Personal Information Privacy
- 3.4 Market Outlook for IoT Data Analytics
 - 3.4.1 IoT Data Management is a Ubiquitous Opportunity across Enterprise
 - 3.4.2 IoT Data becomes a Big Revenue Opportunity by 2022
 - 3.4.3 Organizations increasing Adopt Predictive Analytics with IoT Data
- 3.5 Real-time Streaming IoT Data Analytics becoming a Substantial Business Opportunity

4 VENDOR ANALYSIS

- 4.1 Accenture
- 4.2 AGT International
- 4.3 Bosch Software Innovations
- 4.4 Capgemini
- 4.5 Cisco Systems, Inc.
- 4.6 GE Digital
- 4.7 Google
- 4.8 Intel Corporation
- 4.9 Lynx Software Technologies, Inc.
- 4.10 Maana, Inc.
- 4.11 Microsoft Corporation
- 4.12 MongoDB Inc.
- 4.13 ParStream (Cisco)
- 4.14 PTC
- 4.15 RIOT
- 4.16 SAP SE
- 4.17 SQLstream, Inc.
- 4.18 Tellient
- 4.19 Teradata Corporation
- 4.20 Wind River

5 STREAMING IOT DATA ANALYTICS REVENUE 2017 – 2022

- 5.1 Global Streaming Data Analytics Revenue for IoT

5.2 Global Streaming IoT Data Analytics Revenue by App, Software, and Services

5.3 Global Streaming IoT Data Analytics Revenue in Industry Verticals

5.3.1 Streaming IoT Data Analytics Revenue in Retail

5.3.1.1 Streaming IoT Data Analytics Revenue by Retail Segment

5.3.1.2 Streaming IoT Data Analytics Retail Revenue by App, Software, and Service

5.3.2 Streaming IoT Data Analytics Revenue in Telecom and IT

5.3.2.1 Streaming IoT Data Analytics Revenue by Telecom and IT Segment

5.3.2.2 Streaming IoT Data Analytics Revenue by Telecom & IT App, Software, and Service

5.3.3 Streaming IoT Data Analytics Revenue in Energy and Utility

5.3.3.1 Streaming IoT Data Analytics Revenue by Energy and Utility Segment

5.3.3.2 Streaming IoT Data Analytics Energy and Utilities Revenue by App, Software, and Service

5.3.4 Streaming IoT Data Analytics Revenue in Government

5.3.4.1 Streaming IoT Data Analytics Revenue by Government Segment

5.3.4.2 Streaming IoT Data Analytics Government Revenue by App, Software, and Service

5.3.5 Streaming IoT Data Analytics Revenue in Healthcare and Life Science

5.3.5.1 Streaming IoT Data Analytics Revenue by Healthcare Segment

5.3.6 Streaming IoT Data Analytics Revenue in Manufacturing

5.3.6.1 Streaming IoT Data Analytics Revenue by Manufacturing Segment

5.3.6.2 Streaming IoT Data Analytics Manufacturing Revenue by App, Software, and Service

5.3.7 Streaming IoT Data Analytics Revenue in Transportation & Logistics

5.3.7.1 Streaming IoT Data Analytics Revenue by Transportation & Logistics Segment

5.3.7.2 Streaming IoT Data Analytics Transportation & Logistics Revenue by App, Software, and Service

5.3.8 Streaming IoT Data Analytics Revenue in Banking and Finance

5.3.8.1 Streaming IoT Data Analytics Revenue by Banking and Finance Segment

5.3.8.2 Streaming IoT Data Analytics Revenue by Banking & Finance App, Software, and Service

5.3.9 Streaming IoT Data Analytics Revenue in Smart Cities

5.3.9.1 Streaming IoT Data Analytics Revenue by Smart City Segment

5.3.9.2 Streaming IoT Data Analytics Revenue by Smart City App, Software, and Service

5.3.10 Streaming IoT Data Analytics Revenue in Automotive

5.3.10.1 Streaming IoT Data Analytics Revenue by Automobile Industry Segment

5.3.10.2 Streaming IoT Data Analytics Revenue by Automotive Industry App,

Software, and Service

5.3.11 Streaming IoT Data Analytics Revenue in Education

5.3.11.1 Streaming IoT Data Analytics Revenue by Education Industry Segment

5.3.11.2 Streaming IoT Data Analytics Revenue by Education Industry App, Software, and Service

5.3.12 Streaming IoT Data Analytics Revenue in Outsourcing Services

5.3.12.1 Streaming IoT Data Analytics Revenue by Outsourcing Segment

5.3.12.2 Streaming IoT Data Analytics Revenue by Outsourcing Industry App, Software, and Service

5.4 Streaming IoT Data Analytics Revenue by Leading Vendor Platform

5.4.1 Global Investment in IoT Data by Industry Sector 2017 – 2022

6 APPENDIX

6.1 Regional Streaming IoT Data Analytics Revenue 2017 – 2022

6.1.1 Revenue in Region

6.1.2 APAC Market Revenue

6.1.3 Europe Market Revenue

6.1.4 North America Market Revenue

6.1.5 Latin America Market Revenue

6.1.6 ME&A Market Revenue

6.2 Streaming IoT Data Analytics Revenue by Country 2017 – 2022

6.2.1 Revenue by APAC Countries

6.2.1.1 Leading Countries

6.2.1.2 Japan Market Revenue

6.2.1.3 China Market Revenue

6.2.1.4 India Market Revenue

6.2.1.5 Australia Market Revenue

6.2.2 Revenue by Europe Countries

6.2.2.1 Leading Countries

6.2.2.2 Germany Market Revenue

6.2.2.3 UK Market Revenue

6.2.2.4 France Market Revenue

6.2.3 Revenue by North America Countries

6.2.3.1 Leading Countries

6.2.3.2 US Market Revenue

6.2.3.3 Canada Market Revenue

6.2.4 Revenue by Latin America Countries

6.2.4.1 Leading Countries

- 6.2.4.2 Brazil Market Revenue
- 6.2.4.3 Mexico Market Revenue
- 6.2.5 Revenue by ME&A Countries
 - 6.2.5.1 Leading Countries
 - 6.2.5.2 South Africa Market Revenue
 - 6.2.5.3 UAE Market Revenue

Figures

- Figure 1: A Vision of IoT Data by 2022
- Figure 2: IoT Data vs. Non-IoT Unstructured Data
- Figure 3: IoT Data Processing Flow
- Figure 4: Distributed IoT Data Architecture
- Figure 5: IoT Data Not Stored Only
- Figure 6: Real-time IoT Data Management and Analytics
- Figure 7: APIs enable IoT Data Access and Exchange
- Figure 8: Security in IoT Data Architecture
- Figure 9: Inclusion of Predictive Models in Streaming IoT Data Analytics
- Figure 10: Streaming IoT Data Sources Compared
- Figure 11: Global Streaming IoT Data Analytics 2017 - 2022
- Figure 12: Investment in IoT Data by Industry Vertical 2017 – 2022

Tables

- Table 1: Global Streaming IoT Data Analytics Revenue by App, Software, and Service 2017 - 2022
- Table 2: Global Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022
- Table 3: Retail Streaming IoT Data Analytics Revenue by Retail Segment 2017 - 2022
- Table 4: Retail Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022
- Table 5: Telecom & IT Streaming IoT Data Analytics Rev by Segment 2017 – 2022
- Table 6: Telecom & IT Streaming IoT Data Analytics Rev by App, Software, and Services 2017 – 2022
- Table 7: Energy & Utilities Streaming IoT Data Analytics Rev by Segment 2017 – 2022
- Table 8: Energy & Utilities Streaming IoT Data Analytics Rev by App, Software, and Services 2017 – 2022
- Table 9: Government Streaming IoT Data Analytics Revenue by Segment 2017 – 2022
- Table 10: Government Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 11: Healthcare & Life Science Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 12: Healthcare & Life Science Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 13: Manufacturing Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 14: Manufacturing Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 15: Transportation & Logistics Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 16: Transportation & Logistics Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 17: Banking and Finance Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 18: Banking & Finance Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 19: Smart Cities Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 20: Smart Cities Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 21: Automotive Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 22: Automotive Streaming IoT Data Analytics Revenue by Apps, Software, and Services 2017 – 2022

Table 23: Education Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 24: Education Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 25: Outsourcing Service Streaming IoT Data Analytics Revenue by Segment 2017 – 2022

Table 26: Outsourcing Service Streaming IoT Data Analytics Revenue by App, Software, and Services 2017 – 2022

Table 27: Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 – 2022

Table 28: Investment in IoT Data by Industry Vertical 2017 – 2022

Table 29: Streaming IoT Data Analytics Revenue in Region 2017 – 2022

Table 30: APAC Streaming IoT Data Analytics Revenue by Solution and Services 2017 - 2022

Table 31: APAC Streaming IoT Data Analytics Revenue in Industry Vertical 2017 - 2022

Table 32: APAC Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 – 2022

Table 33: Europe Streaming IoT Data Analytics Revenue by Solution and Services 2017

- 2022

Table 34: Europe Streaming IoT Data Analytics Revenue in Industry Vertical 2017 - 2022

Table 35: Europe Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 - 2022

Table 36: North America Streaming IoT Data Analytics Revenue by Solution and Services 2017 - 2022

Table 37: North America Streaming IoT Data Analytics Revenue in Industry Vertical 2017 - 2022

Table 38: North America Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 - 2022

Table 39: Latin America Streaming IoT Data Analytics Revenue by Solution and Services 2017 - 2022

Table 40: Latin America Streaming IoT Data Analytics Revenue in Industry Vertical 2017 - 2022

Table 41: Latin America Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 – 2022

Table 42: ME&A Streaming IoT Data Analytics Revenue by Solution and Services 2017 - 2022

Table 43: ME&A Streaming IoT Data Analytics Revenue in Industry Vertical 2017 - 2022

Table 44: ME&A Streaming IoT Data Analytics Revenue by Leading Vendor Platforms 2017 - 2022

Table 45: Streaming IoT Data Analytics Revenue by APAC Countries 2017 – 2022

Table 46: Japan Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 47: Japan Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 48: China Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 49: China Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 50: India Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 51: India Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 52: Australia Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 53: Australia Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 54: Streaming IoT Data Analytics Revenue by Europe Countries 2017 – 2022

Table 55: Germany Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 56: Germany Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 57: UK Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 58: UK Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 59: France Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 60: France Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 61: Streaming IoT Data Analytics Revenue by North America Countries 2017 – 2022

Table 62: US Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 63: US Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 64: Canada Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 65: Canada Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 66: Streaming IoT Data Analytics Revenue by Latin America Countries 2017 – 2022

Table 67: Brazil Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 68: Brazil Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 69: Mexico Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 70: Mexico Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 71: Streaming IoT Data Analytics Revenue by ME&A Countries 2017 – 2022

Table 72: South Africa Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 73: South Africa Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

Table 74: UAE Streaming IoT Data Analytics Revenue by Solution and Services 2017 – 2022

Table 75: UAE Streaming IoT Data Analytics Revenue in Industry Vertical 2017 – 2022

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