

Internet of Things (IoT) in Energy Market by Solution (Asset Management, Data Management and Analytics, SCADA, Energy Management), Service, Platform, Application (Oil and Gas, Smart Grid, Coal Mining), and Region - Global Forecast to 2025

<https://marketpublishers.com/r/I5DDA9E1354EN.html>

Date: May 2020

Pages: 206

Price: US\$ 4,950.00 (Single User License)

ID: I5DDA9E1354EN

Abstracts

The global IoT in energy market size to grow at a CAGR of 11.8% during the forecast period

The global Internet of Things (IoT) in energy market size is expected to grow from USD 20.2 billion in 2020 to USD 35.2 billion by 2025, at a Compound Annual Growth Rate (CAGR) of 11.8% during the forecast period. Major factors expected to drive the growth of the IoT in energy market include IoT in energy boost business productivity, advantage of IoT-based agile systems, and rising instances of cyberattacks. However, the lack of skilled workforce and lack of data and user privacy are factors that hinder the growth of the IoT in energy market.

Based on component, the solutions segment to lead the IoT in energy market in 2020

The solutions segment includes solutions, such as asset management, security, Supervisory Control And Data Acquisition (SCADA), network management, mobile workforce management, connected logistics, compliance and risk management, data management and analytics, and energy management. These solutions help energy companies to maintain operational efficiency of the organization and provide seamless services to the customers. IoT technology solutions have helped energy companies integrate various business processes, pushing the energy industry toward the growth phase in an exponential way. Integrating technologies with existing operations is further expected to increase enterprise operational efficiency even with less infrastructure

investment.

Among regions, APAC to lead the IoT in energy market in 2020

APAC is the largest contributor to the IoT in energy market. The increasing adoption of smart grid architecture, technology upgrades, energy management, and regulatory mandates are the major contributing factors for the growth of the IoT in energy market in this region. China, the region's largest economy is also its biggest importer. China is the region's largest producer, accounting for half of its oil. Its output of 3.8 million barrels per day was 6% lower than average for nearly a decade. APAC consumes 36% of the world's oil, a total of 36 million barrels per day. Increasing adoption of smart meter in countries, such as China, Japan, Australia, and South Korea has bolstered the growth of the IoT in energy market in the APAC region.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the IoT in energy market.

The following list provides the breakup of primary respondents' profiles:

By Company Type: Tier 1: 35%, Tier 2: 45% and Tier 3: 20%

By Designation: C-level Executives: 35%, Director Level: 25%, and Others: 40%

By Region: North America: 45%, Europe: 20%, Asia Pacific (APAC): 30%, Rest of the World (RoW): 5%

The following are the major vendors profiled in the global IoT in energy market:

IBM (US)

Actility (France)

ABB (Switzerland)

SAP (Germany)

Cisco Systems (US)

Siemens (Germany)

Intel (US)

AGT International (Switzerland)

Altair Engineering (US)

Flutura (US)

Davra Networks (US)

Wind River (US)

Schneider Electric (France)

HCL Technologies (India)

Aclara (US)

Rockwell Automation (US)

Bosch (Germany)

smartGAS (Germany)

Trimble (US)

Infosys (India)

Research coverage:

The report includes an in-depth competitive analysis of key players in the IoT in energy market, along with their company profiles, recent developments, and key market strategies. The report segments the global IoT in energy market by component (solutions, platform, and services), network technology, application, and region.

Key benefits of buying the report:

The report would provide market leaders/new entrants in the IoT in energy market, with information on the closest approximations of the revenue numbers for the overall IoT in energy market and subsegments. The report would help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. It further helps stakeholders understand the pulse of the market and provides them with information on the key market drivers, restraints, challenges, and opportunities

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 MARKET SCOPE
 - 1.3.1 MARKET SEGMENTATION
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY CONSIDERED
- 1.5 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Breakup of primary profiles
- 2.2 MARKET BREAKUP AND DATA TRIANGULATION
- 2.3 MARKET SIZE ESTIMATION
- 2.4 MARKET FORECAST
- 2.5 COMPETITIVE LEADERSHIP MAPPING METHODOLOGY
- 2.6 ASSUMPTIONS FOR THE STUDY
- 2.7 LIMITATIONS OF THE STUDY

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE IOT IN ENERGY MARKET
- 4.2 GLOBAL IOT IN ENERGY MARKET, BY COMPONENT AND REGION
- 4.3 IOT IN ENERGY MARKET, BY REGION
- 4.4 IOT IN ENERGY MARKET: INVESTMENT SCENARIO

5 MARKET OVERVIEW AND INDUSTRY TRENDS

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 IoT in energy boost business productivity
- 5.2.1.2 Advantage of IoT-based agile systems
- 5.2.1.3 Increasing the health and safety of employees
- 5.2.1.4 Rising instances of cyberattacks

5.2.2 RESTRAINTS

- 5.2.2.1 Lack of data and user privacy
- 5.2.2.2 Lack of skilled workforce

5.2.3 OPPORTUNITIES

- 5.2.3.1 Use of IoT and AI in the energy industry
- 5.2.3.2 Opportunities for system integrators

5.2.4 CHALLENGES

- 5.2.4.1 IMO 2020 regulation
- 5.2.4.2 Lack of interoperability standards
- 5.2.4.3 Impact of the COVID-19 pandemic

5.3 VALUE CHAIN ANALYSIS

5.4 USE CASES

- 5.4.1 USE CASE 1
- 5.4.2 USE CASE 2
- 5.4.3 USE CASE 3

5.5 TECHNOLOGY ANALYSIS

- 5.5.1 ARTIFICIAL INTELLIGENCE
- 5.5.2 ROBOTICS AND AUTOMATION
- 5.5.3 BIG DATA
- 5.5.4 CLOUD COMPUTING/SOFTWARE AS A SERVICE

6 IMPACT OF COVID-19 ON IOT IN ENERGY MARKET

6.1 INDUSTRY-WISE USE CASES DURING THE COVID-19

6.2 COVID-19 IMPACT ON COMPONENTS

- 6.2.1 COVID-19 IMPACT ON ADOPTION OF SOLUTIONS
- 6.2.2 COVID-19 IMPACT ON THE ADOPTION OF PLATFORM
- 6.2.3 COVID-19 IMPACT ON THE ADOPTION OF SERVICES

6.3 COVID-19 IMPACT ON REGIONS

- 6.3.1 COVID-19 IMPACT ON NORTH AMERICA
- 6.3.2 COVID-19 IMPACT ON EUROPE
- 6.3.3 COVID-19 IMPACT ON ASIA PACIFIC
- 6.3.4 COVID-19 IMPACT ON MIDDLE EAST AND AFRICA
- 6.3.5 COVID 19 IMPACT ON LATIN AMERICA

7 IOT IN ENERGY MARKET, BY NETWORK TECHNOLOGY

7.1 INTRODUCTION

7.2 CELLULAR NETWORK

7.3 SATELLITE NETWORK

7.4 RADIO NETWORK

7.5 OTHERS

8 IOT IN ENERGY MARKET, BY COMPONENT

8.1 INTRODUCTION

8.2 SOLUTIONS

8.2.1 SOLUTIONS: IOT IN ENERGY MARKET DRIVERS

8.3 PLATFORM

8.3.1 PLATFORM: IOT IN ENERGY MARKET DRIVERS

8.4 SERVICES

8.4.1 SERVICES: IOT IN ENERGY MARKET DRIVERS

9 IOT IN ENERGY MARKET, BY SOLUTION

9.1 INTRODUCTION

9.2 ASSET MANAGEMENT

9.2.1 ASSET MANAGEMENT: IOT IN ENERGY MARKET DRIVERS

9.2.2 PREDICTIVE MAINTENANCE

9.2.3 ASSET CONDITION MONITORING

9.3 SECURITY

9.3.1 SECURITY: IOT IN ENERGY MARKET DRIVERS

9.3.2 PHYSICAL SECURITY

9.3.3 CYBERSECURITY

9.4 CONNECTED LOGISTICS

9.4.1 CONNECTED LOGISTICS: IOT IN ENERGY MARKET DRIVERS

9.4.2 FLEET MANAGEMENT

9.4.3 FREIGHT MANAGEMENT

9.4.4 PORT MANAGEMENT

9.5 COMPLIANCE AND RISK MANAGEMENT

9.5.1 COMPLIANCE AND RISK MANAGEMENT: IOT IN ENERGY MARKET DRIVERS

9.5.2 SUSTAINABILITY MONITORING

- 9.5.3 EMISSION MONITORING AND CONTROL
- 9.6 DATA MANAGEMENT AND ANALYTICS
 - 9.6.1 DATA MANAGEMENT ANALYTICS: IOT IN ENERGY MARKET DRIVERS
- 9.7 SUPERVISORY CONTROL AND DATA ACQUISITION
 - 9.7.1 SUPERVISORY CONTROL AND DATA ACQUISITION: IOT IN ENERGY MARKET DRIVERS
- 9.8 MOBILE WORKFORCE MANAGEMENT
 - 9.8.1 MOBILE WORKFORCE MANAGEMENT: IOT IN ENERGY MARKET DRIVERS
- 9.9 NETWORK MANAGEMENT
 - 9.9.1 NETWORK MANAGEMENT: IOT IN ENERGY MARKET DRIVERS
- 9.10 ENERGY MANAGEMENT
 - 9.10.1 ENERGY MANAGEMENT: IOT IN ENERGY MARKET DRIVERS

10 IOT IN ENERGY MARKET, BY SERVICE

- 10.1 INTRODUCTION
- 10.2 CONSULTING
 - 10.2.1 CONSULTING: IOT IN ENERGY MARKET DRIVERS
- 10.3 INTEGRATION AND DEPLOYMENT
 - 10.3.1 INTEGRATION AND DEPLOYMENT: IOT IN ENERGY MARKET DRIVERS
- 10.4 SUPPORT AND MAINTENANCE
 - 10.4.1 SUPPORT AND MAINTENANCE: IOT IN ENERGY MARKET DRIVERS

11 IOT IN ENERGY MARKET, BY APPLICATION

- 11.1 INTRODUCTION
- 11.2 OIL AND GAS
 - 11.2.1 OIL AND GAS: IOT IN ENERGY MARKET DRIVERS
 - 11.2.2 UPSTREAM
 - 11.2.3 MIDSTREAM
 - 11.2.4 DOWNSTREAM
- 11.3 COAL MINING
 - 11.3.1 COAL MINING: IOT IN ENERGY MARKET DRIVERS
 - 11.3.2 OPEN-PIT
 - 11.3.3 UNDERGROUND
- 11.4 SMART GRID
 - 11.4.1 SMART GRID: IOT IN ENERGY MARKET DRIVERS
 - 11.4.2 GENERATION
 - 11.4.3 POWER TRANSMISSION AND DISTRIBUTION MONITORING

11.4.4 SUBSTATION AUTOMATION

12 IOT IN ENERGY MARKET, BY REGION

12.1 INTRODUCTION

12.2 NORTH AMERICA

12.2.1 NORTH AMERICA: RULES AND REGULATIONS

12.2.2 NORTH AMERICA: IOT IN ENERGY MARKET DRIVERS

12.2.3 NORTH AMERICA: IOT IN ENERGY VENDOR INITIATIVES AND DEVELOPMENTS

12.2.4 UNITED STATES

12.2.5 CANADA

12.3 EUROPE

12.3.1 EUROPE: RULES AND REGULATIONS

12.3.2 EUROPE: IOT IN ENERGY MARKET DRIVERS

12.3.3 EUROPE: IOT IN ENERGY VENDOR INITIATIVES AND DEVELOPMENTS

12.3.4 RUSSIA

12.3.5 UNITED KINGDOM

12.3.6 NORWAY

12.3.7 REST OF EUROPE

12.4 ASIA PACIFIC

12.4.1 ASIA PACIFIC: RULES AND REGULATION

12.4.2 ASIA PACIFIC: IOT IN ENERGY MARKET DRIVERS

12.4.3 ASIA PACIFIC: IOT IN ENERGY VENDOR INITIATIVES AND DEVELOPMENTS

12.4.4 CHINA

12.4.5 AUSTRALIA

12.4.6 INDIA

12.4.7 REST OF ASIA PACIFIC

12.5 MIDDLE EAST AND AFRICA

12.5.1 MIDDLE EAST AND AFRICA: RULES AND REGULATIONS

12.5.2 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET DRIVERS

12.5.3 MIDDLE EAST AND AFRICA: IOT IN ENERGY VENDOR INITIATIVES AND DEVELOPMENTS

12.5.4 KINGDOM OF SAUDI ARABIA

12.5.5 UNITED ARAB EMIRATES

12.5.6 IRAN

12.5.7 REST OF MIDDLE EAST AND AFRICA

12.6 LATIN AMERICA

- 12.6.1 LATIN AMERICA: RULES AND REGULATIONS
- 12.6.2 LATIN AMERICA: IOT IN ENERGY MARKET DRIVERS
- 12.6.3 LATIN AMERICA: IOT IN ENERGY VENDOR INITIATIVES AND DEVELOPMENTS
- 12.6.4 BRAZIL
- 12.6.5 MEXICO
- 12.6.6 REST OF LATIN AMERICA

13 COMPETITIVE LANDSCAPE

- 13.1 INTRODUCTION
- 13.2 COMPETITIVE LEADERSHIP MAPPING
 - 13.2.1 VISIONARY LEADERS
 - 13.2.2 DYNAMIC DIFFERENTIATORS
 - 13.2.3 INNOVATORS
 - 13.2.4 EMERGING COMPANIES
- 13.3 STRENGTH OF PRODUCT PORTFOLIO
- 13.4 BUSINESS STRATEGY EXCELLENCE
- 13.5 RANKING OF KEY PLAYERS

14 COMPANY PROFILES

- 14.1 INTRODUCTION
(Business Overview, Solutions & Services, Key Insights, Recent Developments, SWOT Analysis)*
- 14.2 IBM
- 14.3 ACTILITY
- 14.4 ABB
- 14.5 SAP
- 14.6 CISCO
- 14.7 SIEMENS
- 14.8 INTEL
- 14.9 AGT INTERNATIONAL
- 14.10 ALTAIR ENGINEERING
- 14.11 FLUTURA
- 14.12 DAVRA NETWORKS
- 14.13 WIND RIVER
- 14.14 SCHNEIDER ELECTRIC
- 14.15 HCL

14.16 ACLARA

14.17 ROCKWELL AUTOMATION

14.18 BOSCH

14.19 SMARTGAS

14.20 TRIMBLE

14.21 INFOSYS

*Details on Business Overview, Solutions & Services, Key Insights, Recent Developments, SWOT Analysis might not be captured in case of unlisted companies.

14.22 RIGHT-TO-WIN

15 APPENDIX

15.1 DISCUSSION GUIDE

15.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

15.3 AVAILABLE CUSTOMIZATIONS

15.4 RELATED REPORTS

15.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 UNITED STATES DOLLAR EXCHANGE RATE, 2017–2019

TABLE 2 FACTOR ANALYSIS

TABLE 3 USE CASES DURING THE COVID-19 PANDEMIC

TABLE 4 IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 5 SOLUTIONS: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 6 PLATFORM: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 7 SERVICES: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 8 IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 9 ASSET MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 10 ASSET MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 11 PREDICTIVE MAINTENANCE: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 12 ASSET CONDITION MONITORING: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 13 SECURITY: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 14 SECURITY: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 15 PHYSICAL SECURITY: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 16 CYBERSECURITY: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 17 CONNECTED LOGISTICS: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 18 CONNECTED LOGISTICS: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 19 FLEET MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 20 FREIGHT MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION,

2018–2025 (USD MILLION)

TABLE 21 PORT MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 22 COMPLIANCE AND RISK MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 23 COMPLIANCE AND RISK MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 24 SUSTAINABILITY MONITORING: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 25 EMISSION MONITORING AND CONTROL: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 26 DATA MANAGEMENT AND ANALYTICS: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 27 SUPERVISORY CONTROL AND DATA ACQUISITION: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 28 MOBILE WORKFORCE MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 29 NETWORK MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 30 ENERGY MANAGEMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 31 COMPONENT: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 32 CONSULTING: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 33 INTEGRATION AND DEVELOPMENT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 34 SUPPORT AND MAINTENANCE: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 35 IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 36 OIL AND GAS: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 37 OIL AND GAS: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 38 UPSTREAM: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 39 MIDSTREAM: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 40 DOWNSTREAM: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025
(USD MILLION)

TABLE 41 COAL MINING: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025
(USD MILLION)

TABLE 42 COAL MINING: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 43 OPEN-PIT: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD
MILLION)

TABLE 44 UNDERGROUND: IOT IN ENERGY MARKET SIZE, BY REGION,
2018–2025 (USD MILLION)

TABLE 45 SMART GRID: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025
(USD MILLION)

TABLE 46 SMART GRID: IOT IN ENERGY MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 47 GENERATION: IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025
(USD MILLION)

TABLE 48 POWER TRANSMISSION AND DISTRIBUTION MONITORING: IOT IN
ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 49 SUBSTATION AUTOMATION: IOT IN ENERGY MARKET SIZE, BY
REGION, 2018–2025 (USD MILLION)

TABLE 50 IOT IN ENERGY MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 51 NORTH AMERICA: IOT IN ENERGY MARKET SIZE, BY COMPONENT,
2018–2025 (USD MILLION)

TABLE 52 NORTH AMERICA: IOT IN ENERGY MARKET SIZE, BY SOLUTION,
2018–2025 (USD MILLION)

TABLE 53 NORTH AMERICA: ASSET MANAGEMENT MARKET SIZE, BY TYPE,
2018–2025 (USD MILLION)

TABLE 54 NORTH AMERICA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 55 NORTH AMERICA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE,
2018–2025 (USD MILLION)

TABLE 56 NORTH AMERICA: COMPLIANCE AND RISK MANAGEMENT MARKET
SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 57 NORTH AMERICA: IOT IN ENERGY MARKET SIZE, BY SERVICE,
2018–2025 (USD MILLION)

TABLE 58 NORTH AMERICA: IOT IN ENERGY MARKET SIZE, BY APPLICATION,
2018–2025 (USD MILLION)

TABLE 59 NORTH AMERICA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 60 NORTH AMERICA: COAL MINING MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 61 NORTH AMERICA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 62 NORTH AMERICA: IOT IN ENERGY MARKET SIZE, BY COUNTRY,
2018–2025 (USD MILLION)

TABLE 63 UNITED STATES: IOT IN ENERGY MARKET SIZE, BY COMPONENT,
2018–2025 (USD MILLION)

TABLE 64 UNITED STATES: IOT IN ENERGY MARKET SIZE, BY SOLUTION,
2018–2025 (USD MILLION)

TABLE 65 UNITED STATES: ASSET MANAGEMENT MARKET SIZE, BY TYPE,
2018–2025 (USD MILLION)

TABLE 66 UNITED STATES: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 67 UNITED STATES: CONNECTED LOGISTICS MARKET SIZE, BY TYPE,
2018–2025 (USD MILLION)

TABLE 68 UNITED STATES: COMPLIANCE AND RISK MANAGEMENT MARKET
SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 69 UNITED STATES: IOT IN ENERGY MARKET SIZE, BY SERVICE,
2018–2025 (USD MILLION)

TABLE 70 UNITED STATES: IOT IN ENERGY MARKET SIZE, BY APPLICATION,
2018–2025 (USD MILLION)

TABLE 71 UNITED STATES: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 72 UNITED STATES: COAL MINING MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 73 UNITED STATES: SMART GRID MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 74 EUROPE: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025
(USD MILLION)

TABLE 75 EUROPE: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025
(USD MILLION)

TABLE 76 EUROPE: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 77 EUROPE: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 78 EUROPE: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 79 EUROPE: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY

TYPE, 2018–2025 (USD MILLION)

TABLE 80 EUROPE: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 81 EUROPE: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 82 EUROPE: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 83 EUROPE: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 84 EUROPE: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 85 EUROPE: IOT IN ENERGY MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 86 RUSSIA: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 87 RUSSIA: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 88 RUSSIA: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 89 RUSSIA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 90 RUSSIA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 91 RUSSIA: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 92 RUSSIA: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 93 RUSSIA: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 94 RUSSIA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 95 RUSSIA: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 96 RUSSIA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 97 ASIA PACIFIC: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 98 ASIA PACIFIC: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 99 ASIA PACIFIC: ASSET MANAGEMENT MARKET SIZE, BY TYPE,

2018–2025 (USD MILLION)

TABLE 100 ASIA PACIFIC: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 101 ASIA PACIFIC: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 102 ASIA PACIFIC: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 103 ASIA PACIFIC: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 104 ASIA PACIFIC: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 105 ASIA PACIFIC: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 106 ASIA PACIFIC: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 107 ASIA PACIFIC: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 108 ASIA PACIFIC: IOT IN ENERGY MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 109 CHINA: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 110 CHINA: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 111 CHINA: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 112 CHINA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 113 CHINA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 114 CHINA: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 115 CHINA: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 116 CHINA: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 117 CHINA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 118 CHINA: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 119 CHINA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD

MILLION)

TABLE 120 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 121 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 122 MIDDLE EAST AND AFRICA: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 123 MIDDLE EAST AND AFRICA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 124 MIDDLE EAST AND AFRICA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 125 MIDDLE EAST AND AFRICA: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 126 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 127 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 128 MIDDLE EAST AND AFRICA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 129 MIDDLE EAST AND AFRICA: MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 130 MIDDLE EAST AND AFRICA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 131 MIDDLE EAST AND AFRICA: IOT IN ENERGY MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 132 KINGDOM OF SAUDI ARABIA: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 133 KINGDOM OF SAUDI ARABIA: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 134 KINGDOM OF SAUDI ARABIA: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 135 KINGDOM OF SAUDI ARABIA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 136 KINGDOM OF SAUDI ARABIA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 137 KINGDOM OF SAUDI ARABIA: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 138 KINGDOM OF SAUDI ARABIA: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 139 KINGDOM OF SAUDI ARABIA: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 140 KINGDOM OF SAUDI ARABIA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 141 KINGDOM OF SAUDI ARABIA: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 142 KINGDOM OF SAUDI ARABIA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 143 LATIN AMERICA: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 144 LATIN AMERICA: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 145 LATIN AMERICA: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 146 LATIN AMERICA: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 147 LATIN AMERICA: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 148 LATIN AMERICA: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 149 LATIN AMERICA: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD MILLION)

TABLE 150 LATIN AMERICA: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 151 LATIN AMERICA: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 152 LATIN AMERICA: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 153 LATIN AMERICA: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 154 LATIN AMERICA: IOT IN ENERGY MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

TABLE 155 BRAZIL: IOT IN ENERGY MARKET SIZE, BY COMPONENT, 2018–2025 (USD MILLION)

TABLE 156 BRAZIL: IOT IN ENERGY MARKET SIZE, BY SOLUTION, 2018–2025 (USD MILLION)

TABLE 157 BRAZIL: ASSET MANAGEMENT MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

TABLE 158 BRAZIL: SECURITY MARKET SIZE, BY TYPE, 2018–2025 (USD

MILLION)

TABLE 159 BRAZIL: CONNECTED LOGISTICS MARKET SIZE, BY TYPE, 2018–2025
(USD MILLION)

TABLE 160 BRAZIL: COMPLIANCE AND RISK MANAGEMENT MARKET SIZE, BY
TYPE, 2018–2025 (USD MILLION)

TABLE 161 BRAZIL: IOT IN ENERGY MARKET SIZE, BY SERVICE, 2018–2025 (USD
MILLION)

TABLE 162 BRAZIL: IOT IN ENERGY MARKET SIZE, BY APPLICATION, 2018–2025
(USD MILLION)

TABLE 163 BRAZIL: OIL AND GAS MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 164 BRAZIL: COAL MINING MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 165 BRAZIL: SMART GRID MARKET SIZE, BY TYPE, 2018–2025 (USD
MILLION)

TABLE 166 EVALUATION CRITERIA

List Of Figures

LIST OF FIGURES

FIGURE 1 IOT IN ENERGY MARKET: RESEARCH DESIGN

FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 1 (SUPPLY SIDE): REVENUE OF COMPONENT OF THE IOT IN ENERGY MARKET

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 1 BOTTOM-UP (SUPPLY SIDE): COLLECTIVE REVENUE OF ALL OFFERINGS OF THE IOT IN ENERGY

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 2 TOP-DOWN (DEMAND SIDE): SHARE OF THE IOT IN ENERGY MARKET THROUGH VENDOR OFFERINGS

FIGURE 5 COMPETITIVE LEADERSHIP MAPPING: CRITERIA WEIGHTAGE

FIGURE 6 IOT IN ENERGY MARKET TO WITNESS A STEADY GROWTH DURING THE FORECAST PERIOD

FIGURE 7 TOP 3 LEADING SEGMENTS IN THE IOT IN ENERGY MARKET IN 2020

FIGURE 8 IOT IN ENERGY MARKET: REGIONAL MARKET SCENARIO

FIGURE 9 IOT IN ENERGY MARKET, TOP 3 SEGMENTS, 2020

FIGURE 10 SOLUTIONS SEGMENT TO HOLD THE HIGHEST MARKET SHARE IN 2020

FIGURE 11 EVOLUTION OF IOT TO DELIVER ENHANCED OPERATIONAL AND BUSINESS EFFICIENCY TO DRIVE THE GLOBAL IOT IN ENERGY MARKET

FIGURE 12 SOLUTIONS SEGMENT AND ASIA PACIFIC TO HOLD THE HIGHEST MARKET SHARES IN 2020

FIGURE 13 ASIA PACIFIC TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 14 NORTH AMERICA AND ASIA PACIFIC TO EMERGE AS THE BEST MARKETS FOR INVESTMENTS OVER THE NEXT FIVE YEARS

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: IOT IN ENERGY MARKET

FIGURE 16 VALUE CHAIN ANALYSIS

FIGURE 17 PLATFORM SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 18 ASSET MANAGEMENT SEGMENT TO SHARE THE LARGEST MARKET SIZE DURING THE FORECAST PERIOD

FIGURE 19 INTEGRATION AND DEPLOYMENT SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 20 SMART GRID SEGMENT TO GROW AT THE HIGHEST CAGR DURING

THE FORECAST PERIOD

FIGURE 21 ASIA PACIFIC TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 22 NORTH AMERICA: MARKET SNAPSHOT

FIGURE 23 ASIA PACIFIC: IOT IN ENERGY MARKET SNAPSHOT

FIGURE 24 IOT IN ENERGY MARKET (GLOBAL), COMPETITIVE LEADERSHIP MAPPING, 2020

FIGURE 25 PRODUCT PORTFOLIO ANALYSIS OF TOP PLAYERS IN THE IOT IN ENERGY MARKET

FIGURE 26 BUSINESS STRATEGY EXCELLENCE OF TOP PLAYERS IN THE IOT IN ENERGY MARKET

FIGURE 27 RANKING OF KEY PLAYERS IN THE IOT IN ENERGY MARKET, 2020

FIGURE 28 IBM: COMPANY SNAPSHOT

FIGURE 29 IBM: SWOT ANALYSIS

FIGURE 30 ABB: COMPANY SNAPSHOT

FIGURE 31 ABB: SWOT ANALYSIS

FIGURE 32 SAP: COMPANY SNAPSHOT

FIGURE 33 SAP: SWOT ANALYSIS

FIGURE 34 CISCO: COMPANY SNAPSHOT

FIGURE 35 CISCO: SWOT ANALYSIS

FIGURE 36 SIEMENS: COMPANY SNAPSHOT

FIGURE 37 INTEL: COMPANY SNAPSHOT

FIGURE 38 ALTAIR: COMPANY SNAPSHOT

I would like to order

Product name: Internet of Things (IoT) in Energy Market by Solution (Asset Management, Data Management and Analytics, SCADA, Energy Management), Service, Platform, Application (Oil and Gas, Smart Grid, Coal Mining), and Region - Global Forecast to 2025

Product link: <https://marketpublishers.com/r/I5DDA9E1354EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/I5DDA9E1354EN.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