

IoT based Asset Tracking and Monitoring Market by Connectivity(Wi-Fi, Bluetooth, Cellular, NB-IoT, LoRa, SigFox, UWB, GNSS), Application(Automotive, Manufacturing, & Cold Chain Monitoring), Region(North America, Europe, APAC, RoW) - Global Forecast to 2027

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Report description:

The IoT based Asset Tracking and Monitoring market is projected to reach USD 6.6billion by 2027, growing at a CAGR of 11.3% from 2022 to 2027. This report covers key applications, namely, livestock monitoring, automotive, railways, aviation, manufacturing, cold chain monitoring, and others in IoT based asset tracking and monitoring market. The Wi-Fi connectivity type in deploying IoT based Asset tracking and monitoring accounted for a whopping share of about 24% of the market in 2021.

"By application, the market for cold chain monitoring segment is expected to hold about one-fifth market share during the forecast period"

Cold chain monitoring devices are a valuable tool for fleets that move products that must be kept at a specific temperature or range throughout the transportation process, such as food, beverages, medicines, or other goods, to prevent damage or waste in the cold chain supply chain, the devices transmit real-time temperature data. Temperature data loggers, also called cold chain monitoring devices, are wireless sensors that use IoT technology to deliver real-time temperature data. To aid cold chain managers and customers in understanding the temperature, these IoT-based asset tracking and monitoring devices are frequently installed in reefers, refrigeration units, or cold rooms.

"Asia Pacific region is expected to grow at highest CAGR in the IoT based Asset Tracking and Monitoring market during the forecast period."

Asia Pacific is one of the major markets for chip and module manufacturing. The commercialization of IoT and its convergence across all the industries are estimated to be in the growth phase, especially in developing economies of Asia Pacific. The region

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has emerged as a global focal point for large investments and business expansion opportunities. Asia Pacific is expected to witness substantial growth due to the region's high production and consumption of electronic devices. In addition, the presence of leading manufacturers of chips and modules is significantly driving the growth of the regional IoT-based asset tracking and monitoring market.

Break-up of the profiles of primary participants:

- By Company Type - Tier 1 - 10%, Tier 2 - 55%, and Tier 3 - 35%
- By Designation - C-level - 45%, Director-level - 25%, and Other - 30%
- By Region- North America - 55%, Europe - 20%, APAC - 15%, and RoW - 10%

The key players operating in the IoT based asset tracking and monitoring market include Fibocom Wireless Inc. (China), Quectel (China), Sierra Wireless (Canada), Telit (U.K.), u-blox (Switzerland), Thales (France), Sony Semiconductor Israel Ltd. (Israel), Nordic Semiconductor (Norway), Gosuncn Welink Corporation (China), Laird Connectivity (US), Semtech (US), Mediatek Inc. (Taiwan), Analog Devices, Inc. (US), Sequans (France), MeiG Smart Technology (China), Neoway Technology (China), Xiamen CHEERZING IoT Technology (China), HiSilicon Technologies (China), Skyworks Solutions, Inc. (US), Omnitrac (US), Hilti (US), Samsara (US), Azuga (US), and Sunsea AIoT Technology Co., Ltd (China). The IoT based asset tracking and monitoring market has been segmented into connected type, application, and region.

Based on connectivity type the IoT based asset tracking and monitoring market has been segmented by Wi-Fi, Bluetooth, Cellular, NB-IoT, LoRa, SigFox, UWB, GNSS, and Others. Based on application the IoT based asset tracking and monitoring market has been segmented by livestock monitoring, automotive, railways, aviation, manufacturing, cold chain monitoring, and others. Based on region the IoT based Asset Tracking and Monitoring market has been segmented by North America, Europe, Asia Pacific, and Rest of the World.

- Illustrative segmentation, analysis, and forecast of the market based on connectivity type, application, and region have been conducted to give an overall view of the IoT based Asset Tracking and Monitoring market.
- A value chain analysis has been performed to provide in-depth insights into the IoT based Asset Tracking and Monitoring market.
- The key drivers, restraints, opportunities, and challenges pertaining to the IoT based Asset Tracking and Monitoring market have been detailed in this report.
- Detailed information regarding the COVID-19 impact on the IoT based Asset Tracking and Monitoring market has been provided in the report.
- The report includes a detailed competitive landscape of the market, along with key players, as well as in-depth analysis of their revenues

Table of Contents:

1 INTRODUCTION	33
1.1 STUDY OBJECTIVES	33
1.2 MARKET DEFINITION	33
1.2.1 INCLUSIONS AND EXCLUSIONS	33
1.3 STUDY SCOPE	34
1.3.1 MARKETS COVERED	34
FIGURE 1 IOT-BASED ASSET TRACKING AND MONITORING MARKET: SEGMENTATION	34
1.3.2 GEOGRAPHIC SCOPE	34
FIGURE 2 IOT-BASED ASSET TRACKING AND MONITORING MARKET: REGIONAL SCOPE	34
1.3.3 YEARS CONSIDERED	35
FIGURE 3 IOT-BASED ASSET TRACKING AND MONITORING: FORECAST YEARS	35
1.4 CURRENCY	35
1.5 LIMITATIONS	35
1.6 STAKEHOLDERS	36

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2 RESEARCH METHODOLOGY 37

2.1 RESEARCH DATA 37

FIGURE 4 IOT-BASED ASSET TRACKING AND MONITORING MARKET: RESEARCH DESIGN 37

2.1.1 SECONDARY AND PRIMARY RESEARCH 39

FIGURE 5 RESEARCH APPROACH 39

2.1.2 SECONDARY DATA 39

2.1.2.1 List of major secondary sources 40

2.1.2.2 Key data from secondary sources 40

2.1.3 PRIMARY DATA 41

2.1.3.1 Breakdown of primaries 41

2.1.3.2 Key data from primary sources 41

2.1.3.3 Primary interviews 42

2.1.3.4 Key industry insights 42

2.2 MARKET SIZE ESTIMATION 43

2.2.1 BOTTOM-UP APPROACH 43

2.2.1.1 Approach for deriving market size by bottom-up analysis 43

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH 43

2.2.2 TOP-DOWN APPROACH 44

2.2.2.1 Approach for deriving market size by top-down analysis 44

FIGURE 7 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH 44

FIGURE 8 MARKET SIZE ESTIMATION METHODOLOGY: SUPPLY-SIDE APPROACH-REVENUE GENERATED FROM IOT-BASED ASSET TRACKING AND MONITORING MARKET 45

?

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION 46

FIGURE 9 DATA TRIANGULATION 46

2.4 RESEARCH ASSUMPTIONS 47

3 EXECUTIVE SUMMARY 48

3.1 GROWTH RATE ASSUMPTIONS/GROWTH FORECASTS 48

FIGURE 10 IOT-BASED ASSET TRACKING AND MONITORING MARKET, 2018-2027 49

FIGURE 11 MANUFACTURING SEGMENT TO HOLD LARGEST SHARE OF IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, FROM 2022 TO 2027 49

FIGURE 12 CELLULAR SEGMENT TO DOMINATE IOT-BASED ASSET TRACKING AND MONITORING MARKET, CONNECTIVITY TYPE, FROM 2022 TO 2027 50

FIGURE 13 NORTH AMERICA ACCOUNTED FOR LARGEST SHARE OF IOT-BASED ASSET TRACKING AND MONITORING MARKET IN 2021 51

4 PREMIUM INSIGHTS 52

4.1 NOTABLE GROWTH OPPORTUNITIES IN IOT-BASED ASSET TRACKING AND MONITORING MARKET 52

FIGURE 14 RISING INTERNET PENETRATION IN SEVERAL APPLICATION SEGMENTS TO FUEL MARKET GROWTH 52

4.2 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE 52

FIGURE 15 CELLULAR SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2021 52

4.3 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION 53

FIGURE 16 MANUFACTURING SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD 53

4.4 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION AND COUNTRY 53

FIGURE 17 MANUFACTURING SEGMENT AND US ACCOUNTED FOR LARGEST SHARES OF NORTH AMERICAN IOT-BASED ASSET TRACKING AND MONITORING MARKET IN 2021 53

4.5 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION 54

FIGURE 18 CHINA ACCOUNTED FOR HIGHEST CAGR OF IOT-BASED ASSET TRACKING AND MONITORING MARKET IN 2021 54

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5	MARKET OVERVIEW	55
5.1	INTRODUCTION	55
5.2	MARKET DYNAMICS	55
FIGURE 19	IOT-BASED ASSET TRACKING AND MONITORING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	55
5.2.1	DRIVERS	56
FIGURE 20	IOT-BASED ASSET TRACKING AND MONITORING MARKET: DRIVERS	56
5.2.1.1	Rising adoption of cost-effective and intelligent connected devices and sensors	56
FIGURE 21	GLOBAL MACHINE-TO-MACHINE CONNECTIONS FROM 2018 TO 2025 (BILLION UNITS)	57
FIGURE 22	GLOBAL IOT CONNECTIONS, 2020 & 2026 (BILLION UNITS)	57
5.2.1.2	Growing use of IoT-based asset trackers and monitors in manufacturing companies	58
FIGURE 23	KEY COMPONENTS OF IOT ON FACTORY FLOORS	58
5.2.1.3	Increased deployment of cloud computing platforms	59
5.2.1.4	Growing use of IoT technologies in factory automation attributed to rising safety compliance	59
5.2.2	RESTRAINTS	60
FIGURE 24	IOT-BASED ASSET TRACKING AND MONITORING MARKET: RESTRAINTS	60
5.2.2.1	Requirement for high initial capital spending	61
5.2.2.2	Security concerns related to IoT technologies	61
5.2.2.3	Lack of interoperability and standardization	61
5.2.3	OPPORTUNITIES	62
FIGURE 25	IOT-BASED ASSET TRACKING AND MONITORING MARKET: OPPORTUNITIES	62
5.2.3.1	Rising adoption of data analytics and 5G technologies in automotive sector	62
FIGURE 26	GLOBAL VEHICLE PRODUCTION, 2017-2021 (MILLION UNITS)	63
5.2.3.2	Supply chain optimization using IoT-based asset tracking and monitoring modules	63
5.2.3.3	High benefits associated with warehouse and logistics management	64
5.2.3.4	Data monetization attributed to AI and IoT convergence	64
5.2.4	CHALLENGES	65
FIGURE 27	IOT-BASED ASSET TRACKING AND MONITORING MARKET: CHALLENGES	65
5.2.4.1	Trade-off complications related to connectivity technologies	65
5.2.4.2	Decline in semiconductor manufacturing due to COVID-19	65
FIGURE 28	SEMICONDUCTOR CHIP AND DEVICE MANUFACTURING PRICE INDEX, 2017-2022	66
5.3	VALUE CHAIN ANALYSIS	66
FIGURE 29	VALUE CHAIN OF IOT-BASED ASSET TRACKING AND MONITORING MARKET, 2021	67
5.4	ECOSYSTEM ANALYSIS	68
FIGURE 30	IOT-BASED ASSET TRACKING AND MONITORING ECOSYSTEM ANALYSIS	68
TABLE 1	IOT-BASED ASSET TRACKING AND MONITORING ECOSYSTEM	68
5.5	REVENUE SHIFT AND NEW REVENUE POCKETS FOR IOT-BASED ASSET TRACKING AND MONITORING MARKET	69
FIGURE 31	REVENUE SHIFT FOR IOT-BASED ASSET TRACKING AND MONITORING MARKET PLAYERS	69
5.6	PORTER'S FIVE FORCES ANALYSIS	70
TABLE 2	IOT-BASED ASSET TRACKING AND MONITORING MARKET: PORTER'S FIVE FORCES ANALYSIS	70
5.7	KEY STAKEHOLDERS & BUYING CRITERIA	71
5.7.1	KEY STAKEHOLDERS IN BUYING PROCESS	71
FIGURE 32	INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS, BY APPLICATION	71
TABLE 3	INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS, BY APPLICATION (%)	71
5.7.2	BUYING CRITERIA	72
FIGURE 33	KEY BUYING CRITERIA, BY APPLICATION	72
TABLE 4	KEY BUYING CRITERIA FOR APPLICATIONS	72
5.8	CASE STUDY ANALYSIS	73

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5.8.1	USE CASE - TEROPTA AND TELIT	73	
5.8.2	USE CASE - FIWAY AND TELIT	73	
5.8.3	USE CASE - CAINTHUS	73	
5.9	TECHNOLOGY ANALYSIS	74	
5.9.1	COMPLEMENTARY TECHNOLOGY	75	
5.9.1.1	Message queuing telemetry transport (MQTT)	75	
5.9.2	ADJACENT TECHNOLOGY	75	
5.9.2.1	5G	75	
5.10	PRICING ANALYSIS	76	
5.10.1	ASP BY KEY PLAYERS BY CONNECTIVITY TYPE	76	
	FIGURE 34	PRICE OF IOT-BASED ASSET TRACKING AND MONITORING MODULES, BY CONNECTIVITY TYPE	76
	FIGURE 35	AVERAGE SELLING PRICE OF KEY PLAYERS, BY CONNECTIVITY TYPE	76
	TABLE 5	AVERAGE SELLING PRICE OF KEY PLAYERS, BY CONNECTIVITY TYPE (USD)	77
5.11	PATENT ANALYSIS	78	
	FIGURE 36	PATENT ANALYSIS	78
	TABLE 6	RELATED PATENTS	78
5.12	KEY CONFERENCES & EVENTS BETWEEN 2022 AND 2023	79	
	TABLE 7	IOT-BASED ASSET TRACKING AND MONITORING MARKET: DETAILED LIST OF CONFERENCES & EVENTS	79
5.13	TARIFF AND REGULATORY LANDSCAPE	80	
5.13.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	80	
	TABLE 8	NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	80
	TABLE 9	EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	80
	TABLE 10	ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	81
	TABLE 11	ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	81
5.13.2	REGULATORY LANDSCAPE	82	
5.13.2.1	US regulations	82	
5.13.2.1.1	California Consumer Privacy Act	82	
5.13.2.1.2	Service Organization Control 2	82	
5.13.2.1.3	Anti-Cybersquatting Consumer Protection Act	82	
5.13.2.2	EU regulations	82	
5.13.2.2.1	General Data Protection Regulation	82	
5.13.3	STANDARDS	83	
5.13.3.1	CEN/ISO	83	
5.13.3.2	ISO/IEC JTC 1	83	
5.13.3.2.1	ISO/IEC JTC 1/SWG 5	83	
5.13.3.2.2	ISO/IEC JTC 1/SC 31	83	
5.13.3.2.3	ISO/IEC JTC 1/SC 27	83	
5.13.3.2.4	ISO/IEC JTC 1/WG 7 sensors	83	
5.13.3.3	ETSI	83	
5.13.3.4	IEEE	84	
5.13.4	TARIFF	84	
	TABLE 12	TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY US, 2020	84
	TABLE 13	TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY CHINA, 2020	84
	TABLE 14	TARIFF FOR ELECTRONIC INTEGRATED CIRCUITS AS PROCESSORS AND CONTROLLERS EXPORTED BY GERMANY, 2020	85
5.14	TRADE ANALYSIS	85	
	TABLE 15	EXPORT DATA FOR HS CODE 851769 FOR TOP COUNTRIES, 2017-2021 (THOUSAND USD)	85
	FIGURE 37	EXPORT DATA FOR HS CODE 851769 FOR TOP COUNTRIES, 2017-2021 (THOUSAND UNITS)	86

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TABLE 16 IIMPORT DATA FOR HS CODE 851769 FOR TOP COUNTRIES, 2017-2021 (THOUSAND USD) 86

FIGURE 38 IIMPORT DATA FOR HS CODE 851769 FOR TOP COUNTRIES, 2017-2021 (THOUSAND UNITS) 87

6 IOT-BASED ASSET TRACKING AND MONITORING MARKET,

BY CONNECTIVITY TYPE 88

6.1 IINTRODUCTION 89

FIGURE 39 LORA SEGMENT TO GROW AT HIGHEST CAGR FROM 2022 TO 2027 89

TABLE 17 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 89

TABLE 18 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 90

6.2 WI-FI 90

6.2.1 INCREASING USE OF WI-FI TECHNOLOGY FOR INDOOR IOT-BASED ASSET TRACKING TO DRIVE MARKET GROWTH 90

6.2.2 USE CASE: TRACKING HIGH-VALUE EQUIPMENT IN MEDICAL FACILITY 90

6.2.3 USE CASE: SUPPLY CHAIN MONITORING FOR BETTER ASSET VISIBILITY 91

TABLE 19 WI-FI: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 92

TABLE 20 WI-FI: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 92

6.3 BLUETOOTH 92

6.3.1 RISING PREFERENCE FOR BLUETOOTH ASSET TRACKING IN SHORT-RANGE CONNECTIVITY TO FUEL MARKET GROWTH 92

6.3.2 INCREASING INTEGRATION OF BLUETOOTH WITH IOT APPLICATIONS TO CONTRIBUTE TO MARKET GROWTH 93

6.3.3 USE CASE: ASSET TRACKING ON MANUFACTURING FLOORS THROUGH BLUETOOTH TECHNOLOGY 93

TABLE 21 BLUETOOTH: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 93

TABLE 22 BLUETOOTH: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 93

6.4 CELLULAR 94

6.4.1 EMERGENCE OF 5G TO CREATE GROWTH OPPORTUNITIES FOR CELLULAR CONNECTIVITY SEGMENT IN COMING YEARS 94

6.4.2 USE CASE: ASSET TRACKING AND MONITORING ACROSS OIL DRILLING SITES 94

6.4.3 USE CASE: SUPPLY CHAIN MANAGEMENT WITH CELLULAR TECHNOLOGIES 94

TABLE 23 CELLULAR: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 95

TABLE 24 CELLULAR: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 95

6.5 NB-IOT 95

6.5.1 LOW POWER CONSUMPTION AND HIGH COVERAGE FEATURES OF NB-IOT TO INCREASE ADOPTION IN IOT-BASED ASSET TRACKING AND MONITORING 95

6.5.2 USE CASE: NB-IOT MODULES IN LIVESTOCK MONITORING 96

TABLE 25 NB-IOT: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 96

TABLE 26 NB-IOT: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 96

6.6 LORA 97

6.6.1 CAPABILITY OF HANDLING HIGH DEVICE DENSITY AT FACILITIES TO FUEL ADOPTION OF LORA 97

6.6.2 USE CASE: LORAWAN FOR LONG-RANGE PENETRATION 97

6.6.3 USE CASE: OPTIMIZING LIVESTOCK FARMING AND PROFITABILITY 97

TABLE 27 LORA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 98

TABLE 28 LORA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 98

6.7 SIGFOX 98

6.7.1 INCREASING NEED TO CONNECT DEVICES ACROSS CITIES TO FUEL DEMAND FOR SIGFOX 98

6.7.2 USE CASE: AIR ASIA STREAMLINED GROUND SUPPORT EQUIPMENT WITH SIGFOX TECH 99

6.7.3 USE CASE: COST-CUTTING BY 75% WITH ADOPTION OF SIGFOX'S IOT SOLUTIONS IN LOGISTICS 99

TABLE 29 SIGFOX: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 99

TABLE 30 SIGFOX: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 99

6.8 ULTRA-WIDEBAND (UWB) 100

6.8.1 HIGH USE OF UWB FOR SHORT-RANGE DATA TRANSMISSION TO DRIVE MARKET GROWTH 100

6.8.2 USE CASE: UWB IN HEALTHCARE FOR HIGH-PRECISION APPLICATIONS 100

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TABLE 31 UWB: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 100

TABLE 32 UWB: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 101

6.9 GNSS 101

6.9.1 RISING GNSS DEMAND FOR ASSET MANAGEMENT IN RETAIL SECTOR TO DRIVE MARKET GROWTH 101

6.9.2 USE CASE: EQUIPMENT AND FLEET TRACKING WITH GNSS 102

TABLE 33 GNSS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 102

TABLE 34 GNSS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 102

6.10 OTHERS 102

TABLE 35 OTHERS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 103

TABLE 36 OTHERS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 103

7 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION 104

7.1 INTRODUCTION 105

FIGURE 40 MANUFACTURING SEGMENT TO GROW AT HIGHEST CAGR FROM 2022 TO 2027 105

TABLE 37 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 105

TABLE 38 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 106

7.2 LIVESTOCK MONITORING 106

7.2.1 RISING INCLINATION OF FARMERS AND RANCHERS TOWARD REAL-TIME MONITORING OF ANIMALS TO FUEL DEMAND FOR IOT-BASED ASSET TRACKERS 106

7.2.2 SHORTAGE OF LABOR AND INCREASING LABOR COSTS TO INCREASE ADOPTION OF IOT-BASED ASSET MONITORING MODULES 107

7.2.3 CASE STUDY: COLLABORATION OF DAIRYMASTER AND LERO FOR LIVESTOCK MONITORING PRODUCT DEVELOPMENT 107

7.2.4 CASE STUDY: COLLABORATION OF LATIUM GROUP AND GHANA BOARD OF ECONOMIC DEVELOPMENT 107

TABLE 39 LIVESTOCK MONITORING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 107

TABLE 40 LIVESTOCK MONITORING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 108

7.3 AUTOMOTIVE 108

7.3.1 INCREASING VEHICLE FLEET AND DEPENDENCY OF MANY VERTICALS ON IOT TECHNOLOGIES FOR LOGISTICS TO PROLIFERATE DEMAND FOR IOT-BASED ASSET TRACKERS 108

7.3.2 HIGH REAL-TIME OVERALL EQUIPMENT EFFECTIVENESS (OEE) AND OVERALL PRODUCTION EFFECTIVENESS (OPE) TO BOOST SALES OF IOT-BASED MODULES FOR TRACKING 109

7.3.2.1 Case study: Volvo trucks adopted IBM'S IoT solutions 109

TABLE 41 AUTOMOTIVE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 109

TABLE 42 AUTOMOTIVE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 110

7.4 RAILWAYS 110

7.4.1 WAGON AND ROLLING STOCK TRACKING AND MONITORING FEATURES OF IOT-BASED TRACKERS TO FUEL DEMAND 110

7.4.2 USE CASE: REAL-TIME MANAGEMENT OF LOCOMOTIVE ASSETS BY INOX LLC 110

TABLE 43 RAILWAYS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 111

TABLE 44 RAILWAYS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 111

7.5 AVIATION 111

7.5.1 RISING NEED FOR BAGGAGE HANDLING SYSTEM AND GROUND SUPPORT EQUIPMENT TRACKING AND MONITORING TO FUEL MARKET GROWTH 111

7.5.2 EXCELLENT LUGGAGE MANAGEMENT BENEFIT OF IOT-BASED TRACKING SYSTEMS IN AIRPORTS TO DRIVE MARKET GROWTH 112

7.5.3 CASE STUDY: PARTNERSHIP OF SIGFOX WITH TRAVEL COMPANY AMADEUS 112

TABLE 45 AVIATION: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 112

TABLE 46 AVIATION: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 113

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7.6 MANUFACTURING 113

7.6.1 REAL-TIME LOCATION TRACKING BENEFIT OF IOT-BASED ASSET TRACKING AND MONITORING TO FUEL DEMAND 113

7.6.2 RISING PREFERENCE FOR IOT-BASED ASSET TRACKERS TO OPTIMIZE USAGE SPACE AND PROVIDE REAL-TIME VISIBILITY TO DRIVE MARKET GROWTH 113

7.6.3 USE CASE: REAL-TIME ASSET TRACKING IN MANUFACTURING SECTOR WITH BLUETOOTH 114

TABLE 47 MANUFACTURING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 114

TABLE 48 MANUFACTURING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 114

7.7 COLD CHAIN MONITORING 115

7.7.1 RISING GOVERNMENT-LED MANDATES TO DEPLOY IOT SOLUTIONS FOR TEMPERATURE AND LOCATION MANAGEMENT TO FUEL MARKET GROWTH 115

7.7.2 CASE STUDY: SAMSARA DELIVERED IOT TRACKER SOLUTION TO COLD CHAIN DELIVERY TRUCKS 115

7.7.3 CASE STUDY: PHARMACEUTICAL COLD CHAIN MONITORING WITH IOT ASSET TRACKERS 115

TABLE 49 COLD CHAIN MONITORING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 116

TABLE 50 COLD CHAIN MONITORING: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 116

7.8 OTHERS 116

7.8.1 USE CASE: IOT-BASED CARGO CONTAINER TRACKING BY U-BLOX 116

7.8.2 USE CASE: IOT-BASED MEDICAL EQUIPMENT TRACKING BY SONITOR SENSE 117

TABLE 51 OTHERS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 117

TABLE 52 OTHERS: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 117

8 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION 118

8.1 INTRODUCTION 119

FIGURE 41 ASIA PACIFIC IOT-BASED ASSET TRACKING AND MONITORING MARKET TO REGISTER HIGHEST CAGR FROM 2022 TO 2027 119

TABLE 53 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY VALUE (USD MILLION) AND VOLUME (MILLION UNITS), 2018-2021 119

TABLE 54 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY VALUE (USD MILLION) AND VOLUME (MILLION UNITS), 2022-2027 120

TABLE 55 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 120

TABLE 56 IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 120

8.2 NORTH AMERICA 121

FIGURE 42 SNAPSHOT OF NORTH AMERICAN IOT-BASED ASSET TRACKING AND MONITORING MARKET 121

TABLE 57 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 122

TABLE 58 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 122

FIGURE 43 NORTH AMERICA IOT-BASED ASSET TRACKING AND MONITORING MARKET SHARE, BY COUNTRY, 2022 & 2027 122

TABLE 59 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 123

TABLE 60 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 123

TABLE 61 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 124

TABLE 62 NORTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 124

8.2.1 US 125

8.2.1.1 Rising inclination of industries toward optimization of operational costs to fuel IoT adoption in US 125

8.2.1.2 Need for visualization and in-depth analysis for predictive maintenance to fuel adoption of IoT-based asset tracking

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systems in US 125

8.2.1.3 Rising demand for advanced medical equipment to create growth opportunities for market players in US 125

TABLE 63 US: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 126

TABLE 64 US: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 126

TABLE 65 US: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 127

TABLE 66 US: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 127

8.2.2 CANADA 127

8.2.2.1 Rising investments in deployment of IoT technologies to drive Canadian market growth 127

8.2.2.2 Livestock and cold chain monitoring segments to witness substantial growth in Canada 128

TABLE 67 CANADA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 129

TABLE 68 CANADA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 129

TABLE 69 CANADA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 130

TABLE 70 CANADA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 130

8.2.3 MEXICO 131

8.2.3.1 Increasing demand for IoT-based asset tracking and monitoring in automotive industry for fleet management to drive market growth 131

TABLE 71 MEXICO: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 131

TABLE 72 MEXICO: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 132

TABLE 73 MEXICO: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 132

TABLE 74 MEXICO: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 133

8.3 EUROPE 133

FIGURE 44 SNAPSHOT OF EUROPEAN IOT-BASED ASSET TRACKING AND MONITORING MARKET 134

TABLE 75 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 134

TABLE 76 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 135

FIGURE 45 EUROPE IOT-BASED ASSET TRACKING AND MONITORING MARKET SHARE, BY COUNTRY, 2022 & 2027 135

TABLE 77 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 136

TABLE 78 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 136

TABLE 79 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 137

TABLE 80 EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 137

8.3.1 UK 137

8.3.1.1 Increased demand for IoT-based asset tracking modules in automotive industry for fleet tracking to drive market growth 137

8.3.1.2 Increased automation in manufacturing sector with government support to boost adoption of IoT technologies 138

TABLE 81 UK: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 138

TABLE 82 UK: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 139

TABLE 83 UK: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 139

TABLE 84 UK: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 140

8.3.2 GERMANY 140

8.3.2.1 Increasing deployment of LPWAN for logistics management to drive market growth in Germany 140

8.3.2.2 Case study: Private investments in IoT-based asset tracking and monitoring 140

TABLE 85 GERMANY: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 141

TABLE 86 GERMANY: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD

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MILLION) 141

TABLE 87 GERMANY: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 142

TABLE 88 GERMANY: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 142

8.3.3 FRANCE 142

8.3.3.1 Growing adoption of advanced technologies in various industries to drive market growth in France 142

8.3.3.2 Case study: Implementation of IoT-based asset tracking and monitoring in ground support equipment (GSE) 143

TABLE 89 FRANCE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 143

TABLE 90 FRANCE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 144

TABLE 91 FRANCE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 144

TABLE 92 FRANCE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 145

8.3.4 REST OF EUROPE 145

TABLE 93 REST OF EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 146

TABLE 94 REST OF EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 146

TABLE 95 REST OF EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 147

TABLE 96 REST OF EUROPE: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 147

8.4 ASIA PACIFIC 147

FIGURE 46 SNAPSHOT OF ASIA PACIFIC IOT-BASED ASSET TRACKING AND MONITORING MARKET 148

TABLE 97 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2018-2021 (USD MILLION) 149

TABLE 98 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY COUNTRY, 2022-2027 (USD MILLION) 149

FIGURE 47 ASIA PACIFIC IOT-BASED ASSET TRACKING AND MONITORING MARKET SHARE, BY COUNTRY, 2022 & 2027 150

TABLE 99 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 150

TABLE 100 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 151

TABLE 101 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 151

TABLE 102 ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 152

8.4.1 CHINA 152

8.4.1.1 Rapid deployment of 5G in China to boost market growth 152

8.4.1.2 Expanding automotive industry to drive market growth in China 152

TABLE 103 CHINA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 153

TABLE 104 CHINA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 153

TABLE 105 CHINA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 154

TABLE 106 CHINA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 154

8.4.2 JAPAN 154

8.4.2.1 Rising investments in development of advanced technologies to drive market growth 154

8.4.2.2 Case study: Logistics tracking through low-power wide-area technology by AGC Group and Alps Alpine 155

8.4.2.3 Case study: Animal tracking with NB-IoT 155

TABLE 107 JAPAN: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 155

TABLE 108 JAPAN: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 156

TABLE 109 JAPAN: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 156

TABLE 110 JAPAN: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 157

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8.4.3 INDIA 157

8.4.3.1 Increasing public-private investments under Make in India initiative to drive market growth 157

8.4.3.2 Case study: Implementation of asset tracking in railway sector 157

TABLE 111 INDIA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 158

TABLE 112 INDIA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 158

TABLE 113 INDIA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 159

TABLE 114 INDIA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 159

8.4.4 SOUTH KOREA 159

8.4.4.1 Advancements in cellular technologies to drive market growth 159

8.4.4.2 High demand for perishable goods to accelerate growth of cold chain monitoring segment 160

TABLE 115 SOUTH KOREA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 160

TABLE 116 SOUTH KOREA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 161

TABLE 117 SOUTH KOREA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 161

TABLE 118 SOUTH KOREA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 162

8.4.5 REST OF ASIA PACIFIC 162

TABLE 119 REST OF ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 163

TABLE 120 REST OF ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 163

TABLE 121 REST OF ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 164

TABLE 122 REST OF ASIA PACIFIC: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 164

8.5 ROW 164

TABLE 123 ROW: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2018-2021 (USD MILLION) 165

TABLE 124 ROW IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY REGION, 2022-2027 (USD MILLION) 165

FIGURE 48 ROW IOT-BASED ASSET TRACKING AND MONITORING MARKET SHARE, BY REGION, 2022 & 2027 165

TABLE 125 ROW: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 166

TABLE 126 ROW: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 166

TABLE 127 ROW: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 167

TABLE 128 ROW: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 167

8.5.1 SOUTH AMERICA 167

8.5.1.1 Government-led funding for IoT implementation in Brazil to drive market growth 167

8.5.1.2 Increasing adoption of wide-range connectivity technologies for asset tracking to drive market growth 168

TABLE 129 SOUTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION) 168

TABLE 130 SOUTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION) 169

TABLE 131 SOUTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION) 169

TABLE 132 SOUTH AMERICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION) 170

8.5.2 MIDDLE EAST & AFRICA 170

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8.5.2.1	Rising need for asset tracking and management of construction equipment to fuel market growth	170
8.5.2.2	Smart city vision to fuel demand for IoT-based asset tracking for fleet management in automotive industry	170
TABLE 133	MIDDLE EAST & AFRICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2018-2021 (USD MILLION)	171
TABLE 134	MIDDLE EAST & AFRICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY CONNECTIVITY TYPE, 2022-2027 (USD MILLION)	171
TABLE 135	MIDDLE EAST & AFRICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2018-2021 (USD MILLION)	172
TABLE 136	MIDDLE EAST & AFRICA: IOT-BASED ASSET TRACKING AND MONITORING MARKET, BY APPLICATION, 2022-2027 (USD MILLION)	172
9	COMPETITIVE LANDSCAPE	173
9.1	OVERVIEW	173
9.2	REVENUE ANALYSIS	173
FIGURE 49	THREE-YEAR REVENUE ANALYSIS OF TOP 5 PLAYERS IN IOT-BASED ASSET TRACKING AND MONITORING MARKET	173
9.3	MARKET SHARE ANALYSIS (2021)	173
TABLE 137	IOT-BASED ASSET TRACKING AND MONITORING MARKET: MARKET SHARE ANALYSIS	174
9.4	COMPANY EVALUATION QUADRANT, 2021	175
9.4.1	STARS	175
9.4.2	EMERGING LEADERS	175
9.4.3	PERVASIVE PLAYERS	175
9.4.4	PARTICIPANTS	176
FIGURE 50	IOT-BASED ASSET TRACKING AND MONITORING MARKET (GLOBAL): COMPANY EVALUATION QUADRANT, 2021	176
9.4.5	COMPETITIVE BENCHMARKING	177
TABLE 138	IOT-BASED ASSET TRACKING AND MONITORING MARKET: DETAILED LIST OF KEY STARTUPS/SMES	177
TABLE 139	IOT-BASED ASSET TRACKING AND MONITORING MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES	178
9.5	SMALL AND MEDIUM ENTERPRISES (SMES) EVALUATION QUADRANT, 2021	178
9.5.1	PROGRESSIVE COMPANIES	178
9.5.2	RESPONSIVE COMPANIES	178
9.5.3	DYNAMIC COMPANIES	178
9.5.4	STARTING BLOCKS	179
FIGURE 51	IOT-BASED ASSET TRACKING AND MONITORING MARKET (GLOBAL), SME EVALUATION QUADRANT, 2021	179
TABLE 140	IOT-BASED ASSET TRACKING AND MONITORING MARKET: COMPANY FOOTPRINT	180
TABLE 141	IOT-BASED ASSET TRACKING AND MONITORING MARKET: CONNECTIVITY TYPE FOOTPRINT	181
TABLE 142	IOT-BASED ASSET TRACKING AND MONITORING MARKET: APPLICATION FOOTPRINT	182
TABLE 143	IOT-BASED ASSET TRACKING AND MONITORING MARKET: REGIONAL FOOTPRINT	183
9.6	COMPETITIVE SCENARIO AND TRENDS	184
9.6.1	PRODUCT LAUNCHES	184
TABLE 144	IOT-BASED ASSET TRACKING AND MONITORING MARKET: PRODUCT LAUNCHES, SEPTEMBER 2019-2022	184
9.6.2	DEALS	186
TABLE 145	IOT-BASED ASSET TRACKING AND MONITORING MARKET: DEALS	186

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