

Satellite IoT Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

<https://marketpublishers.com/r/S7D9BA6FC3AEEN.html>

Date: July 2025

Pages: 86

Price: US\$ 3,200.00 (Single User License)

ID: S7D9BA6FC3AEEN

Abstracts

Satellite IoT Market Summary

Introduction

Satellite IoT (Internet of Things) solutions provide connectivity for devices in remote and underserved areas where terrestrial networks are unavailable, using satellite networks for data transmission. These solutions are critical for applications requiring global coverage, such as asset tracking, environmental monitoring, and disaster management, serving large enterprises and small to medium-sized enterprises (SMEs). Satellite IoT operates through direct-to-satellite connections or IoT satellite backhaul, enabling real-time data transfer in industries like agriculture, maritime, oil and gas, and logistics. The market is driven by the growing need for ubiquitous connectivity, with over 10 million IoT devices projected to rely on satellite networks by 2025. The expansion of low Earth orbit (LEO) satellite constellations and advancements in low-power, high-efficiency devices further accelerate adoption, particularly in regions with limited terrestrial infrastructure.

Market Size and Growth Forecast

The global satellite IoT market is projected to reach between USD 1.0 billion and USD 1.3 billion in 2025, with a compound annual growth rate (CAGR) of 5% to 10% through 2030, reflecting the increasing demand for global IoT connectivity and satellite technology advancements.

Regional Analysis

North America: The U.S. leads with heavy investments in satellite IoT for defense and logistics. Canada focuses on remote monitoring in mining and forestry.

Europe: The UK and France dominate, driven by maritime and environmental applications. The region emphasizes LEO satellite deployments.

Asia Pacific: China and India see rapid growth due to agriculture and smart city projects. Australia prioritizes satellite IoT for remote connectivity.

Rest of the World: Brazil leverages satellite IoT for agriculture, while the Middle East, notably the UAE, invests in smart infrastructure solutions.

Application Analysis

Large Enterprises: Expected growth of 5-10%, driven by global supply chain and asset tracking needs. Trends focus on integration with cloud platforms.

Small & Medium Sized Enterprises: Projected growth of 6-11%, fueled by cost-effective satellite solutions. Developments emphasize scalable connectivity for SMEs.

By Type Analysis

Direct to Satellite: Expected growth of 6-11%, driven by real-time data needs in remote areas. Trends highlight LEO satellite advancements.

IoT Satellite Backhaul: Projected growth of 5-9%, tied to hybrid terrestrial-satellite networks. Advances focus on seamless integration with 5G.

Key Market Players

Leading firms include ORBCOMM, offering asset tracking solutions; Northrop Grumman, focusing on defense applications; Iridium Satellite and Globalstar, providing global coverage; Swarm Technologies and Myriota, specializing in LEO-based IoT; Thales and Inmarsat, delivering secure connectivity; Kepler Communications, innovating in nanosatellites; and Airbus SE, advancing integrated solutions. These companies drive growth through scalable satellite networks and IoT integration.

Porter's Five Forces Analysis

Threat of New Entrants: Low, due to high capital costs for satellite infrastructure and regulatory barriers.

Threat of Substitutes: Moderate, with terrestrial 5G and LPWAN competing in urban areas but limited in remote regions.

Bargaining Power of Buyers: Moderate, as enterprises seek reliable, cost-effective solutions but have limited provider options.

Bargaining Power of Suppliers: High, due to specialized satellite technology and limited suppliers.

Competitive Rivalry: Moderate, with firms competing on coverage, latency, and cost-efficiency.

Market Opportunities and Challenges

Opportunities: The proliferation of LEO constellations, with over 5,000 satellites planned by 2030, enhances IoT connectivity. The rise in IoT applications, with agriculture and logistics sectors adopting satellite solutions, drives demand. Innovations like Swarm's low-cost nanosatellites and Iridium's global coverage improve accessibility. Emerging markets in Asia Pacific and Latin America offer growth potential.

Challenges: High deployment and operational costs limit adoption for SMEs. Regulatory complexities for satellite spectrum allocation pose hurdles. Limited bandwidth for IoT data transmission and integration challenges with terrestrial networks remain barriers.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Satellite IoT Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News

7.2 Merger and Acquisition

- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST SATELLITE IOT MARKET IN NORTH AMERICA (2020-2030)

- 8.1 Satellite Iot Market Size
- 8.2 Satellite Iot Market by End Use
- 8.3 Competition by Players/Suppliers
- 8.4 Satellite Iot Market Size by Type
- 8.5 Key Countries Analysis
 - 8.5.1 United States
 - 8.5.2 Canada
 - 8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST SATELLITE IOT MARKET IN SOUTH AMERICA (2020-2030)

- 9.1 Satellite Iot Market Size
- 9.2 Satellite Iot Market by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Satellite Iot Market Size by Type
- 9.5 Key Countries Analysis
 - 9.5.1 Brazil
 - 9.5.2 Argentina
 - 9.5.3 Chile
 - 9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST SATELLITE IOT MARKET IN ASIA & PACIFIC (2020-2030)

- 10.1 Satellite Iot Market Size
- 10.2 Satellite Iot Market by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Satellite Iot Market Size by Type
- 10.5 Key Countries Analysis
 - 10.5.1 China
 - 10.5.2 India
 - 10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST SATELLITE IOT MARKET IN EUROPE (2020-2030)

- 11.1 Satellite IoT Market Size
- 11.2 Satellite IoT Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Satellite IoT Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST SATELLITE IOT MARKET IN MEA (2020-2030)

- 12.1 Satellite IoT Market Size
- 12.2 Satellite IoT Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Satellite IoT Market Size by Type
- 12.5 Key Countries Analysis
 - 12.5.1 Egypt
 - 12.5.2 Israel
 - 12.5.3 South Africa
 - 12.5.4 Gulf Cooperation Council Countries
 - 12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL SATELLITE IOT MARKET (2020-2025)

- 13.1 Satellite IoT Market Size
- 13.2 Satellite IoT Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Satellite IoT Market Size by Type

CHAPTER 14 GLOBAL SATELLITE IOT MARKET FORECAST (2025-2030)

- 14.1 Satellite IoT Market Size Forecast
- 14.2 Satellite IoT Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Satellite IoT Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

15.1 ORBCOMM

- 15.1.1 Company Profile
- 15.1.2 Main Business and Satellite IoT Information
- 15.1.3 SWOT Analysis of ORBCOMM
- 15.1.4 ORBCOMM Satellite IoT Revenue, Gross Margin and Market Share (2020-2025)

15.2 Northrop Grumman Corporation

- 15.2.1 Company Profile
- 15.2.2 Main Business and Satellite IoT Information
- 15.2.3 SWOT Analysis of Northrop Grumman Corporation
- 15.2.4 Northrop Grumman Corporation Satellite IoT Revenue, Gross Margin and Market Share (2020-2025)

15.3 Iridium Satellite

- 15.3.1 Company Profile
- 15.3.2 Main Business and Satellite IoT Information
- 15.3.3 SWOT Analysis of Iridium Satellite
- 15.3.4 Iridium Satellite Satellite IoT Revenue, Gross Margin and Market Share (2020-2025)

15.4 Globalstar

- 15.4.1 Company Profile
- 15.4.2 Main Business and Satellite IoT Information
- 15.4.3 SWOT Analysis of Globalstar
- 15.4.4 Globalstar Satellite IoT Revenue, Gross Margin and Market Share (2020-2025)

15.5 Swarm Technologies

- 15.5.1 Company Profile

15.5.2 Main Business and Satellite IoT Information

15.5.3 SWOT Analysis of Swarm Technologies

15.5.4 Swarm Technologies Satellite IoT Revenue, Gross Margin and Market Share
(2020-2025)

15.6 Myriota Pty

15.6.1 Company Profile

15.6.2 Main Business and Satellite IoT Information

15.6.3 SWOT Analysis of Myriota Pty

15.6.4 Myriota Pty Satellite IoT Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables & Figures

TABLES AND FIGURES

Table Abbreviation and Acronyms
Table Research Scope of Satellite IoT Report
Table Data Sources of Satellite IoT Report
Table Major Assumptions of Satellite IoT Report
Figure Market Size Estimated Method
Figure Major Forecasting Factors
Figure Satellite IoT Picture
Table Satellite IoT Classification
Table Satellite IoT Applications
Table Drivers of Satellite IoT Market
Table Restraints of Satellite IoT Market
Table Opportunities of Satellite IoT Market
Table Threats of Satellite IoT Market
Table Covid-19 Impact For Satellite IoT Market
Table Raw Materials Suppliers
Table Different Production Methods of Satellite IoT
Table Cost Structure Analysis of Satellite IoT
Table Key End Users
Table Latest News of Satellite IoT Market
Table Merger and Acquisition
Table Planned/Future Project of Satellite IoT Market
Table Policy of Satellite IoT Market
Table 2020-2030 North America Satellite IoT Market Size
Figure 2020-2030 North America Satellite IoT Market Size and CAGR
Table 2020-2030 North America Satellite IoT Market Size by Application
Table 2020-2025 North America Satellite IoT Key Players Revenue
Table 2020-2025 North America Satellite IoT Key Players Market Share
Table 2020-2030 North America Satellite IoT Market Size by Type
Table 2020-2030 United States Satellite IoT Market Size
Table 2020-2030 Canada Satellite IoT Market Size
Table 2020-2030 Mexico Satellite IoT Market Size
Table 2020-2030 South America Satellite IoT Market Size
Figure 2020-2030 South America Satellite IoT Market Size and CAGR
Table 2020-2030 South America Satellite IoT Market Size by Application
Table 2020-2025 South America Satellite IoT Key Players Revenue

Table 2020-2025 South America Satellite IoT Key Players Market Share
Table 2020-2030 South America Satellite IoT Market Size by Type
Table 2020-2030 Brazil Satellite IoT Market Size
Table 2020-2030 Argentina Satellite IoT Market Size
Table 2020-2030 Chile Satellite IoT Market Size
Table 2020-2030 Peru Satellite IoT Market Size
Table 2020-2030 Asia & Pacific Satellite IoT Market Size
Figure 2020-2030 Asia & Pacific Satellite IoT Market Size and CAGR
Table 2020-2030 Asia & Pacific Satellite IoT Market Size by Application
Table 2020-2025 Asia & Pacific Satellite IoT Key Players Revenue
Table 2020-2025 Asia & Pacific Satellite IoT Key Players Market Share
Table 2020-2030 Asia & Pacific Satellite IoT Market Size by Type
Table 2020-2030 China Satellite IoT Market Size
Table 2020-2030 India Satellite IoT Market Size
Table 2020-2030 Japan Satellite IoT Market Size
Table 2020-2030 South Korea Satellite IoT Market Size
Table 2020-2030 Southeast Asia Satellite IoT Market Size
Table 2020-2030 Australia Satellite IoT Market Size
Table 2020-2030 Europe Satellite IoT Market Size
Figure 2020-2030 Europe Satellite IoT Market Size and CAGR
Table 2020-2030 Europe Satellite IoT Market Size by Application
Table 2020-2025 Europe Satellite IoT Key Players Revenue
Table 2020-2025 Europe Satellite IoT Key Players Market Share
Table 2020-2030 Europe Satellite IoT Market Size by Type
Table 2020-2030 Germany Satellite IoT Market Size
Table 2020-2030 France Satellite IoT Market Size
Table 2020-2030 United Kingdom Satellite IoT Market Size
Table 2020-2030 Italy Satellite IoT Market Size
Table 2020-2030 Spain Satellite IoT Market Size
Table 2020-2030 Belgium Satellite IoT Market Size
Table 2020-2030 Netherlands Satellite IoT Market Size
Table 2020-2030 Austria Satellite IoT Market Size
Table 2020-2030 Poland Satellite IoT Market Size
Table 2020-2030 Russia Satellite IoT Market Size
Table 2020-2030 MEA Satellite IoT Market Size
Figure 2020-2030 MEA Satellite IoT Market Size and CAGR
Table 2020-2030 MEA Satellite IoT Market Size by Application
Table 2020-2025 MEA Satellite IoT Key Players Revenue
Table 2020-2025 MEA Satellite IoT Key Players Market Share

Table 2020-2030 MEA Satellite IoT Market Size by Type
Table 2020-2030 Egypt Satellite IoT Market Size
Table 2020-2030 Israel Satellite IoT Market Size
Table 2020-2030 South Africa Satellite IoT Market Size
Table 2020-2030 Gulf Cooperation Council Countries Satellite IoT Market Size
Table 2020-2030 Turkey Satellite IoT Market Size
Table 2020-2025 Global Satellite IoT Market Size by Region
Table 2020-2025 Global Satellite IoT Market Size Share by Region
Table 2020-2025 Global Satellite IoT Market Size by Application
Table 2020-2025 Global Satellite IoT Market Share by Application
Table 2020-2025 Global Satellite IoT Key Vendors Revenue
Figure 2020-2025 Global Satellite IoT Market Size and Growth Rate
Table 2020-2025 Global Satellite IoT Key Vendors Market Share
Table 2020-2025 Global Satellite IoT Market Size by Type
Table 2020-2025 Global Satellite IoT Market Share by Type
Table 2025-2030 Global Satellite IoT Market Size by Region
Table 2025-2030 Global Satellite IoT Market Size Share by Region
Table 2025-2030 Global Satellite IoT Market Size by Application
Table 2025-2030 Global Satellite IoT Market Share by Application
Table 2025-2030 Global Satellite IoT Key Vendors Revenue
Figure 2025-2030 Global Satellite IoT Market Size and Growth Rate
Table 2025-2030 Global Satellite IoT Key Vendors Market Share
Table 2025-2030 Global Satellite IoT Market Size by Type
Table 2025-2030 Satellite IoT Global Market Share by Type

I would like to order

Product name: Satellite IoT Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

Product link: <https://marketpublishers.com/r/S7D9BA6FC3AEEN.html>

Price: US\$ 3,200.00 (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/S7D9BA6FC3AEEN.html>