

Satellites Market by Satellite Mass (Small, Medium, Large), Application (Communication, Earth Observation & Remote Sensing), Orbit (LEO, MEO, GEO), End User, Sub-systems, Frequency and Region - Global Forecast to 2030

Market Report | 2024-11-13 | 307 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The satellites market is estimated to be USD 17.94 billion in 2024 and is projected to reach USD 35.95 billion by 2030, at a CAGR of 12.3% between 2024 and 2030.

Increasing demand towards remote and underserved areas globally is the key driver for the satellite market as satellites enable high-speed internet with the support of 5G networks and IoT applications. Satellite miniaturization and low-cost launch vehicles are making satellites more accessible for deployment, thereby causing growth in a myriad of sectors. Of these sectors, defense and security are major contributors by increased investments in reconnaissance, surveillance, and secure communication satellites across the world for national security. Environmental monitoring, disaster management, and agriculture are increasingly demanding Earth observation satellites. Growing momentum of satellite-based navigation systems like GPS, public-private partnerships, and commercialization of space will further propel the market to a level wherein satellite services are indispensable for both commercial and government applications.

"LEO orbit segment is set to dominate the satellites market."

The LEO segment is to dominate the satellite market on account of optimum balance between coverage, latency, and cost-efficiency. LEO satellites are cost effective as compared to MEO counterparts and lower latencies than those of GEO satellites and, therefore, an optimal choice for applications like global navigation systems, mission-critical communications, and broadband services. Against the background of growing demand for high-speed internet in segments such as aviation, maritime, and rural connectivity, LEOs find more preference over other satellites due to reliability in offering low-latency services. Moreover, the technological advancements from satellite technologies such as digital payloads and beamforming improve the performance from the LEO satellites. This has driven them not only in the commercial spectrum but in the defense sector also, making LEO a significant growth area in the satellite market.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

"Defense by application segment is estimated to grow at highest share in forecast period."

The defense application segment is a significant shareholder in the satellite market because of its fundamental role in national security, intelligence, and defense communications. Satellites provide critical support for surveillance, reconnaissance, and secure communication aspects of military operations by enabling real-time monitoring, gathering of intelligence, and systems for early warning. With the increase in rising geopolitical tensions, the complexity of modern warfare, and investments in SAR and optical imaging for high-resolution tracking, Governments are already shelling out big amounts for a variant of a satellite-based defense system. Demand increases there for a developed anti-satellite defense capability and to protect its space assets. By such significant investments by countries like the U.S., Russia, China, and India, defense holds the largest application segment in the satellite market.

"Asia Pacific is expected to hold the highest market share in 2024."

Asia Pacific is set to represent the largest share in the satellite market because of heavy investment by key economies such as China, India, Japan, and South Korea in telecommunications, defense, Earth observation, and space exploration. China's BRI and India's ISRO create both domestic and international demand for satellite deployment, but the accelerating growth is because of the high demand for broadband connectivity and 5G networks in underserved areas. Defense satellites for intelligence and surveillance are also gaining takers in this region due to a focus on national security. Besides, the public-private partnerships, the improved miniature satellites technology, and a favorable regulatory environment are strengthening Asia Pacific's position at the top of the satellite market.

The break-up of the profile of primary participants in the Satellites market:

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

-□By Designation: C Level - 35%, Managers - 25%, Others - 40%

-□By Region: North America - 20%, Europe - 25%, Asia Pacific - 35%, Middle East - 10%, Rest of the World - 10%

SPACEX (US), Lockheed Martin Corporation (US), Airbus Defence and Space (Germany), Northrop Grumman (US), Thales Alenia Space (France), L3Harris Technologies, Inc., (US) Terran Orbital Corporation (US), SNC (US), MDA (Canada), OHB SE (Germany), RTX (US), Maxar Technologies (US), Mitsubishi Electric Corporation (MELCO) (Japan), and Planet Labs PBC (US), York Space Systems (US) and Boeing (US) are some of the key players in the satellites market.

The study includes an in-depth competitive analysis of these key players in the satellites market, with their company profiles, recent developments, and key market strategies.

Research Coverage:

This research report categorizes the satellites market by satellite mass (small, medium, large), by end user (commercial, government & civil, defense), by orbit (LEO, MEO, GEO, other orbit), by application (communication, earth observation & remote sensing, other applications), by frequency (l-band, s-band, c-band, x-band, ku-band, ka-band, q/v/e band, hf/vhf/uhf-band, laser/optical), by sub-system (satellite bus, payloads, solar panels, satellite antenna, other sub-systems) and by region (North America, Europe, Asia Pacific, Middle East, and RoW). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the satellites market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, and services; key strategies; Contracts, partnerships, agreements, new product & service launches, mergers and acquisitions, and recent developments associated with the satellites market. Competitive analysis of upcoming startups in the satellites market ecosystem is covered in this report.

Reasons to buy this report:

The report will enable market leaders/new entrants in the market to understand the approximate revenue numbers of the entire market and subsegments. This will help them in developing a complete understanding of the competitive landscape, making well-informed decisions that will place them in the market, and develop effective go-to-market strategies. This report provides several very valuable insights into market dynamics and offers such information concerning crucial factors as a driver, restraints, challenge, and opportunity in order to help different stakeholders gauge the pulse of the market.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The report provides insights on the following pointers:

-□Analysis of the key driver (Expansion of public-private partnerships enhancing innovation and efficiency in space exploration, Heightened national security requirements driving investments in defense and intelligence satellites, Rising Commercialization of Low Earth Orbit (LEO) for Communication and Earth Observation Applications), restraint (Absence of unified regulations and government policies, Limited coverage and operational complexity of satellites), opportunities (Increasing government investments in space agencies, Rising demand for data analytics), and challenges (Increase in space debris, Complexity in advanced hybrid propulsion system development posing technical and operational challenges), several factors could contribute to an increase in the Satellites market.

-□Market Penetration: Comprehensive information on Satellites solutions offered by the top players in the market

-□Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the Satellites market

-□Market Development: Comprehensive information about lucrative markets - the report analyses the satellites market across varied regions.

-□Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the satellites market

-□Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like SPACEX (US), Lockheed Martin Corporation (US), Airbus Defence and Space (Germany), Northrop Grumman (US), Thales Alenia Space (France), L3Harris Technologies, Inc., (US) Terran Orbital Corporation (US), SNC (US), MDA (Canada), OHB SE (Germany), RTX (US), Maxar Technologies (US), Mitsubishi Electric Corporation (MELCO) (Japan), and Planet Labs PBC (US), York Space Systems (US) and Boeing (US) among others in the satellites market

Table of Contents:

1□INTRODUCTION□	26
1.1□STUDY OBJECTIVES□	26
1.2□MARKET DEFINITION□	26
1.3□STUDY SCOPE□	27
1.3.1□MARKET SEGMENTATION□	27
1.3.2□INCLUSIONS AND EXCLUSIONS□	28
1.4□YEARS CONSIDERED□	28
1.5□CURRENCY CONSIDERED□	28
1.6□STAKEHOLDERS□	29
2□RESEARCH METHODOLOGY□	30
2.1□RESEARCH DATA□	30
2.1.1□SECONDARY DATA□	31
2.1.1.1□Key data from secondary sources□	32
2.1.2□PRIMARY DATA□	32
2.1.2.1□Primary sources□	32
2.1.2.2□Key data from primary sources□	33
2.1.2.3□Breakdown of primary interviews□	33
2.2□FACTOR ANALYSIS□	34
2.2.1□INTRODUCTION□	34
2.2.2□DEMAND-SIDE INDICATORS□	34

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.2.3	SUPPLY-SIDE INDICATORS	34
2.3	MARKET SIZE ESTIMATION	35
2.3.1	BOTTOM-UP APPROACH	35
2.3.1.1	Market size estimation methodology (Demand side)	35
2.3.1.2	Market size illustration: US Earth observation small satellites market size	36
2.3.2	TOP-DOWN APPROACH	37
2.4	DATA TRIANGULATION	38
2.5	RESEARCH ASSUMPTIONS	39
2.6	RESEARCH LIMITATIONS	39
2.7	RISK ASSESSMENT	40
3	EXECUTIVE SUMMARY	41
?		
4	PREMIUM INSIGHTS	44
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN SATELLITES MARKET	44
4.2	SATELLITES MARKET, BY END USER	44
4.3	SATELLITES MARKET, BY APPLICATION	45
4.4	SATELLITES MARKET, BY COUNTRY	45
5	MARKET OVERVIEW	46
5.1	INTRODUCTION	46
5.2	MARKET DYNAMICS	46
5.2.1	DRIVERS	47
5.2.1.1	Escalating demand for satellite-based PNT services in various sectors	47
5.2.1.2	Increase in public-private partnerships	47
5.2.1.3	Heightened national security requirements	47
5.2.1.4	Rising commercialization of Low Earth Orbit (LEO) for communication and Earth observation applications	48
5.2.2	RESTRAINTS	49
5.2.2.1	Absence of unified regulations and government policies	49
5.2.2.2	Limited coverage and operational complexity	49
5.2.3	OPPORTUNITIES	50
5.2.3.1	Increasing government investments in space agencies	50
5.2.3.2	Rising demand for data analytics	50
5.2.4	CHALLENGES	51
5.2.4.1	Increase in space debris	51
5.2.4.2	Complexity in advanced hybrid propulsion system development	51
5.2.4.3	Supply chain management issues	52
5.3	VALUE CHAIN ANALYSIS	52
5.4	TRENDS & DISRUPTIONS IMPACTING CUSTOMER BUSINESS	54
5.5	ECOSYSTEM ANALYSIS	54
5.5.1	PROMINENT COMPANIES	54
5.5.2	PRIVATE AND SMALL ENTERPRISES	54
5.5.3	END USERS	54
5.6	INVESTMENT AND FUNDING SCENARIO	56
5.7	PRICING ANALYSIS	57
5.7.1	AVERAGE SELLING PRICE, BY REGION	57
5.7.2	INDICATIVE PRICING ANALYSIS, BY SATELLITE MASS	58
5.8	REGULATORY LANDSCAPE	60
5.9	TRADE ANALYSIS	63

5.9.1	IMPORT SCENARIO (HS CODE 880260)	63
5.9.2	EXPORT SCENARIO (HS CODE 880260)	65
	?	
5.10	KEY STAKEHOLDERS & BUYING CRITERIA	66
5.10.1	KEY STAKEHOLDERS IN BUYING PROCESS	66
5.10.2	BUYING CRITERIA	67
5.11	KEY CONFERENCES & EVENTS, 2024	68
5.12	USE CASE ANALYSIS	69
5.12.1	ICEYE USED ITS SAR SATELLITE CONSTELLATION TO DELIVER REAL-TIME, HIGH-RESOLUTION RADAR IMAGERY UNAFFECTED BY WEATHER CONDITIONS	69
5.12.2	ONEWEB COMPLETED DEPLOYMENT OF ITS LEO SATELLITE CONSTELLATION, OFFERING GLOBAL BROADBAND CONNECTIVITY	69
5.12.3	SPIRE GLOBAL LAUNCHED AN UPGRADED SERVICE INTEGRATING AIS (AUTOMATIC IDENTIFICATION SYSTEM) DATA WITH ADVANCED SATELLITE-BASED ANALYTICS	70
5.13	TECHNOLOGY ANALYSIS	70
5.13.1	KEY TECHNOLOGIES	70
5.13.1.1	Advanced power systems	70
5.13.1.2	Miniaturization	71
5.13.1.3	Space data analytics	71
5.13.2	COMPLEMENTARY TECHNOLOGIES	71
5.13.2.1	Quantum encryption for satellites	71
5.14	OPERATIONAL DATA	72
5.15	SATELLITES MARKET: BUSINESS MODELS	72
5.16	TOTAL COST OF OWNERSHIP	77
5.17	BILL OF MATERIALS	79
5.18	MACROECONOMIC OUTLOOK	82
5.18.1	INTRODUCTION	82
5.18.2	NORTH AMERICA	82
5.18.3	EUROPE	83
5.18.4	ASIA PACIFIC	83
5.18.5	MIDDLE EAST	83
5.18.6	LATIN AMERICA & AFRICA	83
5.19	IMPACT OF GENERATIVE AI	84
5.19.1	INTRODUCTION	84
5.19.2	ADOPTION OF AI IN SPACE BY TOP COUNTRIES	85
5.19.3	IMPACT OF AI ON SPACE: USE CASES	86
5.19.4	IMPACT OF AI ON SATELLITES MARKET	87
5.20	TECHNOLOGY ROADMAP	89
5.21	MARKET SCENARIO ANALYSIS	91
5.21.1	MARKET PERSPECTIVE THROUGH SATELLITES LAUNCHED IN DIFFERENT SCENARIOS	91
	?	
6	INDUSTRY TRENDS	93
6.1	INTRODUCTION	93
6.2	TECHNOLOGY TRENDS	93
6.2.1	ADVANCED MATERIALS	94
6.2.2	ADDITIVE MANUFACTURING	94
6.2.3	GREEN PROPULSION SYSTEMS	94

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.2.4	SATELLITE-TO-CELL CONNECTIVITY	95
6.3	IMPACT OF MEGATRENDS	95
6.3.1	INDUSTRY 4.0	95
6.3.2	AI & ML INTEGRATION	95
6.3.3	SATELLITE-AS-A-SERVICE (SAAS)	96
6.4	SUPPLY CHAIN ANALYSIS	96
6.5	PATENT ANALYSIS	97
7	SATELLITES MARKET, BY SATELLITE MASS	102
7.1	INTRODUCTION	103
7.2	SMALL	104
7.2.1	NEED FOR ROBUST MISSION CAPABILITIES TO DRIVE MARKET	104
7.3	MEDIUM	106
7.3.1	NEED FOR TECHNOLOGICAL ADVANCEMENTS TO DRIVE MARKET	106
7.4	LARGE	108
7.4.1	DEMAND FOR HIGH-CAPACITY TELECOMMUNICATION AND BROADBAND SERVICES TO DRIVE MARKET	108
8	SATELLITES MARKET, BY APPLICATION	110
8.1	INTRODUCTION	111
8.2	COMMUNICATION	112
8.2.1	NEED FOR RELIABLE AND WIDESPREAD CONNECTIVITY TO DRIVE MARKET	112
8.2.2	COMMUNICATION: USE CASE	113
8.3	EARTH OBSERVATION & REMOTE SENSING	113
8.3.1	GROWING DEMAND FOR ACCURATE AND TIMELY DATA FOR ENVIRONMENTAL MONITORING TO DRIVE MARKET	113
8.3.2	EARTH OBSERVATION & REMOTE SENSING: USE CASE	114
8.4	OTHER APPLICATIONS	114
8.4.1	SCIENTIFIC RESEARCH	114
8.4.1.1	Satellites facilitate scientific research by helping researchers study meteorology and space observation	114
8.4.2	SCIENTIFIC RESEARCH: USE CASE	115
8.4.3	TECHNOLOGY	115
8.4.3.1	Extensive use of small satellites in missile tracking and threat detection to drive market	115
8.4.4	TECHNOLOGY: USE CASE	116
9	SATELLITES MARKET, BY END USER	117
9.1	INTRODUCTION	118
9.2	COMMERCIAL	119
9.2.1	SATELLITE OPERATORS/OWNERS	119
9.2.1.1	Growing demand for communication services to drive market	119
9.2.2	MEDIA & ENTERTAINMENT COMPANIES	120
9.2.2.1	Increasing demand for fast broadband connectivity to drive market	120
9.2.3	ENERGY SERVICE PROVIDERS	120
9.2.3.1	Enhanced operational efficiency and monitoring capabilities of satellites to drive market	120
9.2.4	SCIENTIFIC RESEARCH & DEVELOPMENT ORGANIZATIONS	120
9.2.4.1	Increasing use of satellites for data collection to drive market	120
9.2.5	OTHERS	120
9.3	GOVERNMENT & CIVIL	121
9.3.1	NATIONAL SPACE AGENCIES	121
9.3.1.1	Demand for advanced scientific knowledge and technological capabilities to drive market	121
9.3.2	SEARCH & RESCUE ENTITIES	121
9.3.2.1	Need for enhanced situational awareness and coordination to drive market	121

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.3.3	ACADEMIC & RESEARCH INSTITUTIONS	122
9.3.3.1	Need for data accessibility for scientific research and education to drive market	122
9.3.4	NATIONAL MAPPING & TOPOGRAPHIC AGENCIES	122
9.3.4.1	Increasing need for accurate and comprehensive geographic data collection to drive market	122
9.4	DEFENSE	122
9.4.1	DEPARTMENT OF DEFENSE & INTELLIGENCE AGENCIES	123
9.4.1.1	Focus on enhanced situational awareness and intelligence gathering to drive market	123
10	SATELLITES MARKET, BY ORBIT	124
10.1	INTRODUCTION	125
10.2	LEO	126
10.3	MEO	127
10.4	GEO	127
10.5	OTHER ORBITS	128
11	SATELLITES MARKET, BY SUBSYSTEM	129
11.1	INTRODUCTION	129
11.2	SATELLITE BUS	129
11.2.1	ATTITUDE & ORBITAL CONTROL SYSTEMS	129
11.2.1.1	Need for precision in satellite positioning to drive market	129
11.2.2	COMMAND & DATA HANDLING SYSTEMS	129
11.2.2.1	Growing complexity of satellite missions to drive market	129
11.2.3	ELECTRICAL POWER SYSTEMS	130
11.2.3.1	Focus on enhancing satellite performance to drive market	130
11.2.4	PROPULSION SYSTEMS	130
11.2.4.1	Chemical propulsion	130
11.2.4.1.1	Need for immediate thrust capabilities to drive market	130
11.2.4.2	Electric propulsion	130
11.2.4.2.1	Emphasis on enhancing propulsive performance of thrusters to drive market	130
11.2.4.3	Hybrid propulsion	131
11.2.4.3.1	Multi-phase missions requiring rapid maneuvers and long-duration station-keeping to drive market	131
11.2.5	TELEMETRY, TRACKING, AND COMMAND SYSTEMS	131
11.2.5.1	Increasing need for effective communication between satellites and ground stations to drive market	131
11.2.6	STRUCTURES	131
11.2.6.1	Expanding capabilities of structural subsystems to drive market	131
11.2.7	THERMAL SYSTEMS	132
11.2.7.1	Advancements in materials science and thermal management solutions to drive market	132
11.3	PAYLOADS	132
11.3.1	TRADITIONAL PAYLOADS	132
11.3.1.1	Growing demand for enhanced Earth observation capabilities in satellites to drive market	132
11.3.2	SOFTWARE-DEFINED PAYLOADS	133
11.3.2.1	Demand for effective product mapping in commercial industries to drive market	133
11.4	SOLAR PANELS	133
11.4.1	DEPLOYABLE	133
11.4.1.1	Increasing need for high power generation in satellites to drive market	133
11.4.2	STATIC	133
11.4.2.1	Rising demand for cost-effective and reliable solutions for satellite missions to drive market	133
11.5	SATELLITE ANTENNAS	134
11.5.1	SATELLITE ANTENNAS USE ULTRA-HIGH-FREQUENCY BAND THAT SUPPORTS WIDE RANGE OF FREQUENCIES	134

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.6	OTHER SUBSYSTEMS	134
12	SATELLITES MARKET, BY FREQUENCY	135
12.1	INTRODUCTION	135
12.2	L-BAND	135
12.2.1	ENHANCED SIGNAL RELIABILITY IN L-BAND FREQUENCIES TO DRIVE MARKET	135
	?	
12.3	S-BAND	135
12.3.1	GROWING SCIENTIFIC MISSIONS TO DRIVE MARKET	135
12.4	C-BAND	135
12.4.1	DEMAND FOR ROBUST COMMUNICATION SERVICES FROM DEVELOPING REGIONS TO DRIVE MARKET	135
12.5	X-BAND	136
12.5.1	INCREASING GEOPOLITICAL TENSIONS TO DRIVE MARKET	136
12.6	KU-BAND	136
12.6.1	INCREASING NEED FOR HIGH-CAPACITY DATA TRANSMISSION AND BROADBAND INTERNET SERVICES TO DRIVE MARKET	136
12.7	KA-BAND	136
12.7.1	NEED FOR BACKHAUL SOLUTIONS WITH EXPANSION OF 5G TO DRIVE MARKET	136
12.8	Q/V/E-BAND	137
12.8.1	INCREASING DEMAND FOR ULTRA-HIGH-SPEED DATA SERVICES TO DRIVE MARKET	137
12.9	HF/VHF/UHF-BAND	137
12.9.1	NEED FOR LONG-RANGE COMMUNICATION TO DRIVE MARKET	137
12.10	LASER/OPTICAL BAND	137
12.10.1	DEVELOPMENT OF LASER COMMUNICATION TECHNOLOGY BY PROMINENT COMPANIES TO DRIVE MARKET	137
13	SATELLITES MARKET, BY REGION	138
13.1	INTRODUCTION	139
13.2	NORTH AMERICA	141
13.2.1	PESTLE ANALYSIS	141
13.2.2	US	145
13.2.2.1	Substantial government investments to drive market	145
13.2.3	CANADA	146
13.2.3.1	Government initiatives for space technology development to drive market	146
13.3	EUROPE	147
13.3.1	PESTLE ANALYSIS	148
13.3.2	RUSSIA	151
13.3.2.1	Government's strategic focus on space to drive market	151
13.3.3	UK	152
13.3.3.1	Need for prioritizing innovation in small satellite technologies to drive market	152
13.3.4	GERMANY	153
13.3.4.1	Emphasis on technological innovation and advanced engineering to drive market	153
13.3.5	FRANCE	155
13.3.5.1	Leadership in space research and satellite innovation to drive market	155
	?	
13.3.6	ITALY	156
13.3.6.1	Focus on satellite manufacturing to drive market	156
13.4	ASIA PACIFIC	157
13.4.1	PESTLE ANALYSIS	157
13.4.2	CHINA	161
13.4.2.1	Focus on satellite-based infrastructure to drive market	161

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

13.4.3	INDIA	162
13.4.3.1	Emphasis on space accessibility to drive market	162
13.4.4	JAPAN	163
13.4.4.1	Precision technologies and resilience in space infrastructure to drive market	163
13.4.5	SOUTH KOREA	165
13.4.5.1	Focus on technological innovation and national security to drive market	165
13.4.6	AUSTRALIA	166
13.4.6.1	Space sustainability and regional space leadership to drive market	166
13.5	MIDDLE EAST	167
13.5.1	PESTLE ANALYSIS	167
13.5.2	GCC	171
13.5.2.1	UAE	171
13.5.2.1.1	Need to enhance space innovation and sovereign satellite capabilities to drive growth	171
13.5.2.2	Saudi Arabia	172
13.5.2.2.1	Focus on national development initiatives to encourage market growth	172
13.5.3	REST OF MIDDLE EAST	174
13.6	REST OF THE WORLD	175
13.6.1	LATIN AMERICA	178
13.6.1.1	Focus on enhanced broadband connectivity in underserved areas to drive market	178
13.6.2	AFRICA	179
13.6.2.1	Need to address connectivity gaps to drive market	179
14	COMPETITIVE LANDSCAPE	181
14.1	INTRODUCTION	181
14.2	KEY PLAYER STRATEGIES/RIGHT TO WIN, 2020?2024	181
14.3	REVENUE ANALYSIS, 2020?2023	184
14.4	MARKET SHARE ANALYSIS, 2023	184
14.5	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023	188
14.5.1	STARS	188
14.5.2	EMERGING LEADERS	188
14.5.3	PERVASIVE PLAYERS	188
14.5.4	PARTICIPANTS	188
14.5.5	COMPANY FOOTPRINT: KEY PLAYERS, 2023	190
14.6	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023	195
14.6.1	PROGRESSIVE COMPANIES	195
14.6.2	RESPONSIVE COMPANIES	195
14.6.3	DYNAMIC COMPANIES	195
14.6.4	STARTING BLOCKS	195
14.6.5	COMPETITIVE BENCHMARKING	197
14.7	COMPANY VALUATION AND FINANCIAL METRICS	199
14.8	BRAND/PRODUCT COMPARISON	200
14.9	COMPETITIVE SCENARIO AND TRENDS	201
14.9.1	PRODUCT LAUNCHES	201
14.9.2	DEALS	201
14.9.3	OTHER DEVELOPMENTS	205
15	COMPANY PROFILES	218
15.1	KEY PLAYERS	218
15.1.1	SPACEX	218

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.1.1.1	Business overview	218
15.1.1.2	Products/Solutions/Services offered	218
15.1.1.3	Recent developments	219
15.1.1.3.1	Other developments	219
15.1.1.4	MnM view	219
15.1.1.4.1	Right to win	219
15.1.1.4.2	Strategic choices	219
15.1.1.4.3	Weaknesses and competitive threats	220
15.1.2	LOCKHEED MARTIN CORPORATION	221
15.1.2.1	Business overview	221
15.1.2.2	Products/Solutions/Services offered	222
15.1.2.3	Recent developments	224
15.1.2.3.1	Other developments	224
15.1.2.4	MnM view	226
15.1.2.4.1	Right to win	226
15.1.2.4.2	Strategic choices	226
15.1.2.4.3	Weaknesses and competitive threats	226
15.1.3	AIRBUS DEFENCE AND SPACE	227
15.1.3.1	Business overview	227
15.1.3.2	Products/Solutions/Services offered	228
15.1.3.3	Recent developments	233
15.1.3.3.1	Deals	233
15.1.3.3.2	Other developments	233
15.1.3.4	MnM view	235
15.1.3.4.1	Right to win	235
15.1.3.4.2	Strategic choices	235
15.1.3.4.3	Weaknesses and competitive threats	235
15.1.4	NORTHROP GRUMMAN	236
15.1.4.1	Business overview	236
15.1.4.2	Products/Solutions/Services offered	237
15.1.4.3	Recent developments	239
15.1.4.3.1	Deals	239
15.1.4.3.2	Other developments	240
15.1.4.4	MnM view	240
15.1.4.4.1	Right to win	240
15.1.4.4.2	Strategic choices	241
15.1.4.4.3	Weaknesses and competitive threats	241
15.1.5	THALES ALENIA SPACE	242
15.1.5.1	Business overview	242
15.1.5.2	Products/Solutions/Services offered	243
15.1.5.3	Recent developments	245
15.1.5.3.1	Deals	245
15.1.5.3.2	Other developments	246
15.1.5.4	MnM view	248
15.1.5.4.1	Right to win	248
15.1.5.4.2	Strategic choices	248
15.1.5.4.3	Weaknesses and competitive threats	248

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.1.6	L3HARRIS TECHNOLOGIES, INC.	249
15.1.6.1	Business overview	249
15.1.6.2	Products/Solutions/Services offered	250
15.1.6.3	Recent developments	252
15.1.6.3.1	Deals	252
15.1.6.3.2	Other developments	253
15.1.7	MDA	254
15.1.7.1	Business overview	254
15.1.7.2	Products/Solutions/Services offered	255
15.1.7.3	Recent developments	256
15.1.7.3.1	Other developments	256
15.1.8	PLANET LABS PBC	257
15.1.8.1	Business overview	257
15.1.8.2	Products/Solutions/Services offered	258
15.1.8.3	Recent developments	258
15.1.8.3.1	Product launches	258
15.1.8.3.2	Deals	259
15.1.8.3.3	Other developments	260
?		
15.1.9	SNC	261
15.1.9.1	Business overview	261
15.1.9.2	Products/Solutions/Services offered	261
15.1.9.3	Recent developments	262
15.1.9.3.1	Other developments	262
15.1.10	MAXAR TECHNOLOGIES	263
15.1.10.1	Business overview	263
15.1.10.2	Products/Solutions/Services offered	264
15.1.10.3	Recent developments	266
15.1.10.3.1	Other developments	266
15.1.11	MITSUBISHI ELECTRIC CORPORATION	267
15.1.11.1	Business overview	267
15.1.11.2	Products/Solutions/Services offered	268
15.1.11.3	Recent developments	270
15.1.11.3.1	Other developments	270
15.1.12	RTX	271
15.1.12.1	Business overview	271
15.1.12.2	Products/Solutions/Services offered	272
15.1.12.3	Recent developments	274
15.1.12.3.1	Deals	274
15.1.12.3.2	Other developments	275
15.1.13	OHB SE	276
15.1.13.1	Business overview	276
15.1.13.2	Products/Solutions/Services offered	277
15.1.13.3	Recent developments	279
15.1.13.3.1	Deals	279
15.1.13.3.2	Other developments	279
15.1.14	BOEING	280

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.1.14.1	Business overview	280
15.1.14.2	Products/Solutions/Services offered	281
15.1.14.3	Recent developments	282
15.1.14.3.1	Other developments	282
15.1.15	TERRAN ORBITAL CORPORATION	283
15.1.15.1	Business overview	283
15.1.15.2	Products/Solutions/Services offered	284
15.1.15.3	Recent developments	285
15.1.15.3.1	Product launches	285
15.1.15.3.2	Deals	286
15.1.15.3.3	Other developments	286
?		
15.1.16	YORK SPACE SYSTEMS	288
15.1.16.1	Business overview	288
15.1.16.2	Products/Solutions/Services offered	288
15.1.16.3	Recent developments	289
15.1.16.3.1	Other developments	289
15.2	OTHER PLAYERS	290
15.2.1	AEROSPACE LAB	290
15.2.2	ENDUROSAT	291
15.2.3	NANOAVIONICS	292
15.2.4	ASTRANIS	293
15.2.5	ICEYE	294
15.2.6	PIXXEL	295
15.2.7	FLEET SPACE TECHNOLOGIES PTY LTD	296
15.2.8	KUIPER SYSTEMS LLC	296
15.2.9	ALEN SPACE	297
15.2.10	SKYKRAFT PTY LTD	298
15.2.11	ARGOTEC S.R.L.	299
16	APPENDIX	300
16.1	DISCUSSION GUIDE	300
16.2	KNOWLEDGESTORE: MARKETSANDMARKETS? SUBSCRIPTION PORTAL	302
16.3	CUSTOMIZATION OPTIONS	304
16.4	RELATED REPORTS	304
16.5	ANNEXURE	305
16.6	AUTHOR DETAILS	306

**Satellites Market by Satellite Mass (Small, Medium, Large), Application
(Communication, Earth Observation & Remote Sensing), Orbit (LEO, MEO, GEO), End
User, Sub-systems, Frequency and Region - Global Forecast to 2030**

Market Report | 2024-11-13 | 307 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

⏏** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2025-05-08

Signature



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com