

Global Satellite Transponder Market - Industry Trends and Forecast to 2030

Market Report | 2022-12-01 | 285 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$4800.00
- Corporate Users License \$7000.00

Report description:

Global satellite transponder market is projected to register a CAGR of 4.8% in the forecast period of 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030.

Market Segmentation:

Global Satellite Transponder Market, By Service (Leasing, Maintenance and Support), Type (Bent Pipe Transponders, Regenerative Transponders), Amplifier Type (Solid-State Power Amplifiers (SSPA), Traveling Wave Tube Amplifiers (TWTA)), Bandwidth (C-Band, KA-Band, KU-Band, K-Band), Application (Commercial Communication, Government Communication, Navigation, Remote Sensing, Research & Development (R&D)), End User (Media & Broadcasting, Data & Telecoms) Industry Trends and Forecast to 2030.

Some of the major factors contributing to the growth of the global satellite transponder market are:

- The rise in demand for satellite communication and earth observation
- Increase in the number of small satellites in earth's orbits

Market Players

Some of the major players operating in the global satellite transponder market are:

- EUTELSAT COMMUNICATIONS SA
- Intelsat
- AMOS Spacecom
- L3Harris Technologies, Inc.
- Thaicom Public Company Limited.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Symlinks
- Hispasat
- IMT srl
- satsearch B.V.
- General Dynamics Corporation
- APT Satellite Co. Ltd
- Lockheed Martin Corporation
- Boeing
- Singtel
- ISRO
- Thales
- Romantis GmbH
- kt sat
- MEASAT
- ABS

Table of Contents:

TABLE OF CONTENTS	
1 INTRODUCTION	30
1.1 OBJECTIVES OF THE STUDY	30
1.2 MARKET DEFINITION	30
1.3 OVERVIEW OF THE GLOBAL SATELLITE TRANSPONDER MARKET	30
1.4 CURRENCY AND PRICING	32
1.5 LIMITATIONS	32
1.6 MARKETS COVERED	32
2 MARKET SEGMENTATION	36
2.1 MARKETS COVERED	36
2.2 GEOGRAPHICAL SCOPE	37
2.3 YEARS CONSIDERED FOR THE STUDY	38
2.4 DBMR TRIPOD DATA VALIDATION MODEL	39
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	42
2.6 DBMR MARKET POSITION GRID	43
2.7 VENDOR SHARE ANALYSIS	44
2.8 APPLICATION COVERAGE GRID	45
2.9 MULTIVARIATE MODELING	46
2.10 SERVICE TIMELINE CURVE	46
2.11 SECONDARY SOURCES	47
2.12 ASSUMPTIONS	48
3 EXECUTIVE SUMMARY	49
4 PREMIUM INSIGHTS	52
4.1 PESTEL ANALYSIS	55
4.2 PORTERS ANALYSIS	56
4.3 REGULATORY LANDSCAPE	57
4.3.1 LICENSING REGIME OF DOT FOR SATELLITE-BASED COMMUNICATION SERVICES	57
4.3.2 SPECTRUM ALLOTMENT AND USE	57

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4.4	TECHNOLOGICAL ADVANCEMENT	59
4.5	PATENT ANALYSIS	61
4.5.1	COMMUNICATION SATELLITE TRANSPONDER INTERCONNECTION UTILIZING VARIABLE BANDPASS FILTER	61
4.5.2	VARIABLE BANDWIDTH FILTERING AND FREQUENCY CONVERTING SYSTEM	61
4.5.3	FREQUENCY AGILE SATELLITE RECEIVER	62
4.5.4	AGILE BANDPASS FILTER	62
4.5.5	METHOD AND APPARATUS FOR FILTERING RADIO FREQUENCY SIGNALS	62
4.6	VALUE CHAIN ANALYSIS	63
4.7	CASE STUDY	64
4.7.1	EUTELSAT COMMUNICATIONS SA	64
5	MARKET OVERVIEW	65
5.1	DRIVERS	67
5.1.1	RISE IN DEMAND FOR SATELLITE COMMUNICATION AND EARTH OBSERVATION	67
5.1.2	INCREASE IN THE NUMBER OF SMALL SATELLITES IN EARTH ORBITS	68
5.1.3	GROW IN DEMAND FOR SATELLITE IOT AND M2M SERVICES	68
5.1.4	INCREASING DEMAND FOR BROADBAND OVER SATELLITE	69
5.2	RESTRAINTS	70
5.2.1	HIGH COST ASSOCIATED WITH THE SATELLITE LAUNCH AND TRANSPONDER LEASING SERVICES	70
5.2.2	HAZARDOUS ENVIRONMENTAL IMPACT OF SATELLITE LAUNCH	71
5.3	OPPORTUNITIES	71
5.3.1	INCREASING GOVERNMENT FUNDING IN SATELLITE DEVELOPMENT AND THE SPACE SECTOR	71
5.3.2	INCREASING PARTNERSHIP, ACQUISITION AND COLLABORATION AMONG MARKET PLAYERS	72
5.3.3	RISING DEMAND FOR KU-BAND SERVICES	73
5.3.4	ADVANCEMENT IN THE SATELLITE TRANSPONDER TECHNOLOGY	73
5.4	CHALLENGES	74
5.4.1	LIMITATIONS DUE TO REGULATORY FRAMEWORK	74
5.4.2	CYBERSECURITY THREATS IN COMMERCIAL COMMUNICATION NETWORKS	74
6	GLOBAL SATELLITE TRANSPONDER MARKET, BY SERVICE	76
6.1	OVERVIEW	77
6.2	LEASING	78
6.3	MAINTENANCE AND SUPPORT	79
6.4	OTHERS	80
7	GLOBAL SATELLITE TRANSPONDER MARKET, BY TYPE	81
7.1	OVERVIEW	82
7.2	BENT PIPE TRANSPONDERS	83
7.3	REGENERATIVE TRANSPONDERS	84
8	GLOBAL SATELLITE TRANSPONDER MARKET, BY AMPLIFIER TYPE	85
8.1	OVERVIEW	86
8.2	TRAVELLING WAVE TUBE AMPLIFIER (TWTA)	87
8.3	SOLID STATE POWER AMPLIFIER (SSPA)	88
9	GLOBAL SATELLITE TRANSPONDER MARKET, BY BANDWIDTH	89
9.1	OVERVIEW	90
9.2	C-BAND	91
9.3	KU-BAND	92
9.4	KA-BAND	93
9.5	K-BAND	94
9.6	OTHERS	95

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

10 GLOBAL SATELLITE TRANSPONDER MARKET, BY APPLICATION	96
10.1 OVERVIEW	97
10.2 COMMERCIAL COMMUNICATION	98
10.2.1 VIDEO DISTRIBUTION	99
10.2.2 DTH	99
10.2.3 BROADBAND SATELLITE ACCESS SERVICES	99
10.2.4 LEGACY TELEPHONE AND CARRIER SERVICES	99
10.2.5 COMMERCIAL MOBILITY SERVICES	99
10.2.6 ENTERPRISE DATA SERVICE	100
10.2.7 OAKLAND UNIVERSITY TV (OUTV)	100
10.2.8 OTHERS	100
10.3 NAVIGATION	100
10.4 GOVERNMENT COMMUNICATION	101
10.5 REMOTE SENSING	102
10.6 RESEARCH AND DEVELOPMENT (R&D)	103
10.7 OTHERS	104
11 GLOBAL SATELLITE TRANSPONDER MARKET, BY END USER	105
11.1 OVERVIEW	106
11.2 MEDIA AND BROADCASTING	107
11.3 DATA AND TELECOMS	108
12 GLOBAL SATELLITE TRANSPONDER MARKET, BY REGION	109
12.1 OVERVIEW	110
12.2 NORTH AMERICA	116
12.2.1 U.S.	122
12.2.2 CANADA	124
12.2.3 MEXICO	126
12.3 ASIA-PACIFIC	128
12.3.1 CHINA	134
12.3.2 JAPAN	136
12.3.3 INDIA	138
12.3.4 SOUTH KOREA	140
12.3.5 AUSTRALIA	142
12.3.6 SINGAPORE	144
12.3.7 MALAYSIA	146
12.3.8 THAILAND	148
12.3.9 INDONESIA	150
12.3.10 PHILIPPINES	152
12.3.11 NEW ZEALAND	154
12.3.12 VIETNAM	157
12.3.13 TAIWAN	159
12.3.14 REST OF ASIA-PACIFIC	161
12.4 EUROPE	162
12.4.1 GERMANY	168
12.4.2 U.K.	170
12.4.3 FRANCE	172
12.4.4 ITALY	174
12.4.5 SPAIN	176

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

12.4.6	TURKEY	178
12.4.7	RUSSIA	180
12.4.8	NETHERLANDS	182
12.4.9	BELGIUM	184
12.4.10	SWITZERLAND	186
12.4.11	DENMARK	188
12.4.12	SWEDEN	190
12.4.13	POLAND	192
12.4.14	NORWAY	194
12.4.15	FINLAND	196
12.4.16	ICELAND	198
12.4.17	LUXEMBOURG	200
12.4.18	REST OF EUROPE	203
12.5	MIDDLE EAST AND AFRICA	204
12.5.1	SAUDI ARABIA	210
12.5.2	SOUTH AFRICA	212
12.5.3	U.A.E.	215
12.5.4	EGYPT	217
12.5.5	ISRAEL	219
12.5.6	BAHRAIN	221
12.5.7	KUWAIT	223
12.5.8	QATAR	225
12.5.9	OMAN	227
12.5.10	REST OF MIDDLE EAST AND AFRICA	229
12.6	SOUTH AMERICA	230
12.6.1	BRAZIL	236
12.6.2	ARGENTINA	238
12.6.3	REST OF SOUTH AMERICA	240
13	GLOBAL SATELLITE TRANSPONDER MARKET: COMPANY LANDSCAPE	241
13.1	COMPANY SHARE ANALYSIS: GLOBAL	241
13.2	COMPANY SHARE ANALYSIS: NORTH AMERICA	242
13.3	COMPANY SHARE ANALYSIS: ASIA-PACIFIC	243
13.4	COMPANY SHARE ANALYSIS: EUROPE	244
14	SWOT ANALYSIS	245
15	COMPANY PROFILING	246
15.1	LOCKHEED MARTIN CORPORATION	246
15.1.1	COMPANY SNAPSHOT	246
15.1.2	REVENUE ANALYSIS	246
15.1.3	COMPANY SHARE ANALYSIS	247
15.1.4	PRODUCT PORTFOLIO	247
15.1.5	RECENT DEVELOPMENTS	247
15.2	GENERAL DYNAMICS MISSION SYSTEMS, INC.	248
15.2.1	COMPANY SNAPSHOT	248
15.2.2	REVENUE ANALYSIS	248
15.2.3	COMPANY SHARE ANALYSIS	249
15.2.4	PRODUCT PORTFOLIO	249
15.2.5	RECENT DEVELOPMENTS	250

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

15.3 THALES	251
15.3.1 COMPANY SNAPSHOT	251
15.3.2 REVENUE ANALYSIS	251
15.3.3 COMPANY SHARE ANALYSIS	252
15.3.4 PRODUCT PORTFOLIO	252
15.3.5 RECENT DEVELOPMENTS	252
15.4 BOEING	253
15.4.1 COMPANY SNAPSHOT	253
15.4.2 REVENUE ANALYSIS	253
15.4.3 COMPANY SHARE ANALYSIS	254
15.4.4 PRODUCT PORTFOLIO	254
15.4.5 RECENT DEVELOPMENTS	255
15.5 L3HARRIS TECHNOLOGIES, INC.	256
15.5.1 COMPANY SNAPSHOT	256
15.5.2 REVENUE ANALYSIS	256
15.5.3 COMPANY SHARE ANALYSIS	257
15.5.4 PRODUCT PORTFOLIO	257
15.5.5 RECENT DEVELOPMENTS	258
15.6 ABS	259
15.6.1 COMPANY SNAPSHOT	259
15.6.2 SOLUTION PORTFOLIO	259
15.6.3 RECENT DEVELOPMENTS	259
15.7 AMOS SPACECOM	260
15.7.1 COMPANY SNAPSHOT	260
15.7.2 REVENUE ANALYSIS	260
15.7.3 PRODUCT PORTFOLIO	261
15.7.4 RECENT DEVELOPMENTS	261
15.8 APT SATELLITE CO. LTD / APSTAR	262
15.8.1 COMPANY SNAPSHOT	262
15.8.2 SERVICE PORTFOLIO	262
15.8.3 RECENT DEVELOPMENTS	262
15.9 EUTELSAT COMMUNICATIONS SA	263
15.9.1 COMPANY SNAPSHOT	263
15.9.2 REVENUE ANALYSIS	264
15.9.3 SOLUTION PORTFOLIO	264
15.9.4 RECENT DEVELOPMENTS	265
15.10 HISPASAT	266
15.10.1 COMPANY SNAPSHOT	266
15.10.2 PRODUCT PORTFOLIO	266
15.10.3 RECENT DEVELOPMENTS	266
15.11 IMT SRL	267
15.11.1 COMPANY SNAPSHOT	267
15.11.2 PRODUCT PORTFOLIO	267
15.11.3 RECENT DEVELOPMENTS	267
15.12 INTELSAT	268
15.12.1 COMPANY SNAPSHOT	268
15.12.2 SOLUTION PORTFOLIO	268

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

15.12.3 RECENT DEVELOPMENTS	269
15.13 ISRO	270
15.13.1 COMPANY SNAPSHOT	270
15.13.2 SERVICE PORTFOLIO	270
15.13.3 RECENT DEVELOPMENTS	270
15.14 KT SAT	271
15.14.1 COMPANY SNAPSHOT	271
15.14.2 SERVICE PORTFOLIO	271
15.14.3 RECENT DEVELOPMENTS	271
15.15 MEASAT	272
15.15.1 COMPANY SNAPSHOT	272
15.15.2 SOLUTION PORTFOLIO	272
15.15.3 RECENT DEVELOPMENTS	273
15.16 ROMANTIS	274
15.16.1 COMPANY SNAPSHOT	274
15.16.2 SERVICE PORTFOLIO	274
15.16.3 RECENT DEVELOPMENTS	274
15.17 SATSEARCH B.V.	275
15.17.1 COMPANY SNAPSHOT	275
15.17.2 PRODUCT PORTFOLIO	275
15.17.3 RECENT DEVELOPMENTS	275
15.18 SINGTEL	276
15.18.1 COMPANY SNAPSHOT	276
15.18.2 REVENUE ANALYSIS	276
15.18.3 PRODUCT PORTFOLIO	277
15.18.4 RECENT DEVELOPMENT	277
15.19 SYRLINKS	278
15.19.1 COMPANY SNAPSHOT	278
15.19.2 PRODUCT PORTFOLIO	278
15.19.3 RECENT DEVELOPMENTS	278
15.20 THAICOM PUBLIC COMPANY LIMITED	279
15.20.1 COMPANY SNAPSHOT	279
15.20.2 REVENUE ANALYSIS	279
15.20.3 SOLUTION PORTFOLIO	280
15.20.4 RECENT DEVELOPMENTS	280
16 QUESTIONNAIRE	281
17 RELATED REPORTS	285

Global Satellite Transponder Market - Industry Trends and Forecast to 2030

Market Report | 2022-12-01 | 285 pages | Data Bridge Market Research

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 License	\$4800.00
	Corporate Users License	\$7000.00
		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"/>
		Date	<input type="text" value="2025-05-07"/>
		Signature	<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