

Optical Satellite Market by Size (Small, Medium, Large), Application (Earth Observation, Communication), Operational Orbit, Component, End User and Region (North America, Europe, Asia Pacific, Rest of the world) - Global Forecast to 2028

<https://marketpublishers.com/r/O4E609706707EN.html>

Date: October 2023

Pages: 224

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

ID: O4E609706707EN

Abstracts

The optical satellite market is valued at USD 2.0 billion in 2023 and is projected to reach USD 4.1 billion by 2028, at a CAGR of 15.1% from 2023 to 2028. Over the last few decades, the optical satellite industry has continued to evolve with expanding use cases, better cost efficiencies, and a more significant impact of new technological developments in the satellites. The optical satellite market is experiencing growth driven by increasing communication and demand for high-resolution earth observation and imaging capabilities across multiple sectors, including agriculture, forestry, urban planning, disaster management, and defense. Technological advancements, particularly in cost-effective, compact satellite platforms, are improving market accessibility. Growing involvement of commercial space enterprises and government investments in space infrastructure are stimulating competition and innovation.

Based on application, the earth observation segment is estimated to have the second largest market share in 2023.

The earth observation segment in the optical satellite market is being driven by evolving global security dynamics. The Earth observation segment in the optical satellite market is being propelled by increasing demand for high-precision geospatial data across sectors like agriculture, urban planning, and environmental monitoring. Technological advancements, particularly in cost-effective small satellite platforms, are expanding market accessibility. Growing environmental concerns, along with government and commercial investments in space infrastructure, underscore the need for optical

satellites in monitoring and addressing environmental challenges. This competitive landscape is driving innovation and enhancing the market's overall growth prospects.

Based on size, the small segment is estimated to have the second largest market share in 2023.

The small segment within the optical satellite market is being driven by cost-efficiency and versatility. The advancements in miniaturization and cost-effective satellite technology have lowered entry barriers, fostering heightened competition. The escalating demand for precise Earth observation and imaging services in sectors such as agriculture, logistics, and environmental monitoring is bolstering the requirement for compact, agile satellites capable of delivering targeted data. This competitive landscape is propelling growth in the small satellite segment.

Based on regions, the Asia Pacific region is estimated to have the second largest market share in 2023.

The Asia Pacific region is witnessing robust growth in the optical satellite market driven by key business factors. The region's thriving economies are generating increased demand for high-resolution Earth observation and imaging services across various industries. Governments in the region are making substantial investments in space infrastructure and satellite technology, which is accelerating the development and deployment of optical satellites. Additionally, the presence of a rapidly expanding commercial space sector, particularly in countries like Japan and China, is intensifying competition and driving innovation, contributing to market expansion.

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

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

By Designation: C Level – 40%, Director Level – 25%, and Others – 35%

By Region: North America – 40%, Europe – 25%, Asia Pacific – 25%, Rest of the World (RoW) – 10%

Major companies profiled in the report include SpaceX (US), Lockheed Martin Corporation (US), Ball Corporation (US), Airbus Defense & Space (Germany), and

L3Harris Technologies, Inc. (US), among others.

Research Coverage:

This market study covers the optical satellite market across various segments and subsegments. It aims to estimate this market's size and growth potential across different parts based on size, operational orbits, application, component, end user, and region. This study also includes an in-depth competitive analysis of the key players in the market, their company profiles, key observations related to their product and business offerings, recent developments, and key market strategies they adopted.

Reasons to buy this report:

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall optical satellite market. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities. The optical satellite market is experiencing substantial growth, primarily driven by the exchange of real-time information. The increasing trend toward international cooperation and joint operations among nations is fostering demand for optical satellites, contributing to regional and global stability. The report provides insights on the following pointers:

Market Drivers: Market Drivers such as the need for Earth observation imagery and analytics, Technological advancements in optical satellite communication, and other drivers covered in the report.

Market Penetration: Comprehensive information on optical satellite offered by the top players in the market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the optical satellite market

Market Development: Comprehensive information about lucrative markets – the report analyses the optical satellite market across varied regions.

Market Diversification: Exhaustive information about new products, untapped

geographies, recent developments, and investments in the optical satellite market

Competitive Assessment: In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the optical satellite market

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 OPTICAL SATELLITE MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 INCLUSIONS AND EXCLUSIONS

TABLE 1 INCLUSIONS AND EXCLUSIONS

1.5 CURRENCY CONSIDERED

TABLE 2 USD EXCHANGE RATES

1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 RESEARCH PROCESS FLOW

FIGURE 3 RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Primary sources

2.1.2.2 Key data from primary sources

FIGURE 4 BREAKDOWN OF PRIMARY INTERVIEWS

2.2 FACTOR ANALYSIS

2.2.1 INTRODUCTION

2.2.2 DEMAND-SIDE INDICATORS

2.2.3 SUPPLY-SIDE INDICATORS

2.2.4 RECESSION IMPACT

2.3 MARKET SIZE ESTIMATION

2.3.1 BOTTOM-UP APPROACH

2.3.1.1 Market size estimation and methodology

FIGURE 5 BOTTOM-UP APPROACH

2.3.2 TOP-DOWN APPROACH

FIGURE 6 TOP-DOWN APPROACH

- 2.4 DATA TRIANGULATION
- FIGURE 7 DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS
- 2.6 RESEARCH LIMITATIONS
- 2.7 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

- FIGURE 8 COMMUNICATION SEGMENT TO HOLD LARGEST MARKET SHARE IN 2023
- FIGURE 9 LARGE SATELLITES TO SECURE LEADING MARKET POSITION IN 2028
- FIGURE 10 COMMERCIAL TO SURPASS OTHER SEGMENTS DURING FORECAST PERIOD
- FIGURE 11 MEO/GEO SEGMENT TO ACCOUNT FOR LARGER MARKET SHARE IN 2023
- FIGURE 12 EUROPE TO RECORD HIGHEST CAGR DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN OPTICAL SATELLITE MARKET
- FIGURE 13 INCREASE IN DEMAND FOR EARTH MONITORING AND REAL-TIME INFORMATION
- 4.2 OPTICAL SATELLITE MARKET, BY END USER
- FIGURE 14 COMMERCIAL SEGMENT TO ACQUIRE MAXIMUM MARKET SHARE IN 2023
- 4.3 OPTICAL SATELLITE MARKET, BY APPLICATION
- FIGURE 15 COMMUNICATION TO BE LARGEST SEGMENT DURING FORECAST PERIOD
- 4.4 OPTICAL SATELLITE MARKET, BY COUNTRY
- FIGURE 16 RUSSIA TO BE FASTEST-GROWING COUNTRY DURING FORECAST PERIOD

5 MARKET OVERVIEW

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS
- FIGURE 17 OPTICAL SATELLITE MARKET DYNAMICS
- 5.2.1 DRIVERS

- 5.2.1.1 Technological advancements in optical satellite communication
- 5.2.1.2 Growing demand for multimedia services
- 5.2.1.3 Booming cloud computing market
- 5.2.1.4 Rapid development of new satellite constellations
- 5.2.1.5 Need for Earth observation imagery and analytics
- 5.2.2 RESTRAINTS
 - 5.2.2.1 High development cost of optical satellite systems
 - 5.2.2.2 Lack of standardized communication protocols
- 5.2.3 OPPORTUNITIES
 - 5.2.3.1 Rise in adoption of cloud-based services
 - 5.2.3.2 Increased government investments in space-based infrastructure and services
- 5.2.4 CHALLENGES
 - 5.2.4.1 Implications of cloud cover
 - 5.2.4.2 Operational limitations associated with harsh and remote environments
- 5.3 RECESSION IMPACT ANALYSIS
- FIGURE 18 RECESSION IMPACT ANALYSIS
- 5.4 PORTER'S FIVE FORCES ANALYSIS
- FIGURE 19 PORTER'S FIVE FORCES ANALYSIS
- TABLE 3 IMPACT OF PORTER'S FIVE FORCES
 - 5.4.1 THREAT OF NEW ENTRANTS
 - 5.4.2 THREAT OF SUBSTITUTES
 - 5.4.3 BARGAINING POWER OF SUPPLIERS
 - 5.4.4 BARGAINING POWER OF BUYERS
 - 5.4.5 INTENSITY OF COMPETITIVE RIVALRY
- 5.5 VALUE CHAIN ANALYSIS
- FIGURE 20 VALUE CHAIN ANALYSIS
- 5.6 ECOSYSTEM MAPPING
- FIGURE 21 ECOSYSTEM MAPPING
- TABLE 4 ROLE OF COMPANIES IN ECOSYSTEM
- 5.7 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES
- FIGURE 22 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES
- 5.8 USE CASE ANALYSIS
 - 5.8.1 OPTICAL INTER-SATELLITE DATA RELAY SERVICE
 - 5.8.2 OPTICAL INTER-SATELLITE COMMUNICATION
- 5.9 TRADE DATA ANALYSIS
- TABLE 5 COUNTRY-WISE IMPORT DATA, 2019–2022
- TABLE 6 COUNTRY-WISE EXPORT DATA, 2019–2022
- 5.10 REGULATORY LANDSCAPE

TABLE 7 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 8 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.11 OPERATIONAL DATA

TABLE 11 OPTICAL SATELLITE LAUNCHES, BY APPLICATION, 2021–2023 (UNITS)

5.12 PRICING ANALYSIS

TABLE 12 AVERAGE SELLING PRICE OF OPTICAL SATELLITES, BY COMMUNICATION APPLICATION (USD MILLION)

TABLE 13 AVERAGE SELLING PRICE OF OPTICAL SATELLITES, BY EARTH OBSERVATION APPLICATION (USD MILLION)

5.13 KEY STAKEHOLDERS AND BUYING CRITERIA

5.13.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 23 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF OPTICAL SATELLITES, BY APPLICATION

TABLE 14 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF OPTICAL SATELLITES, BY APPLICATION (%)

5.13.2 BUYING CRITERIA

FIGURE 24 KEY BUYING CRITERIA FOR OPTICAL SATELLITES, BY END USER

TABLE 15 KEY BUYING CRITERIA FOR OPTICAL SATELLITES, BY END USER

5.14 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 16 KEY CONFERENCES AND EVENTS, 2023?2024

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 TECHNOLOGY TRENDS

6.2.1 INTEGRATION OF ADVANCED TECHNOLOGIES

6.2.2 LASER COMMUNICATION RELAY SYSTEMS

6.2.3 CLOUD COMPUTING

6.2.4 5G

6.2.5 ATP TECHNOLOGY

6.3 IMPACT OF MEGATRENDS

6.3.1 SATELLITE INTERNET OF THINGS

6.3.2 SATCOM-ON-THE-MOVE

6.3.3 INTELLIGENT OPTICAL SATELLITE COMMUNICATION

6.3.4 HYBRID SATELLITE-TERRESTRIAL RELAY NETWORK

6.4 SUPPLY CHAIN ANALYSIS

FIGURE 25 SUPPLY CHAIN ANALYSIS

6.5 INNOVATIONS AND PATENT REGISTRATIONS

FIGURE 26 TOP PATENT OWNERS

TABLE 17 KEY PATENTS

6.6 TECHNOLOGICAL ROADMAP TO OPTICAL SATELLITE MARKET

FIGURE 27 EVOLUTION OF OPTICAL SATELLITES

7 OPTICAL SATELLITE MARKET, BY SIZE

7.1 INTRODUCTION

FIGURE 28 OPTICAL SATELLITE MARKET, BY SIZE, 2023–2028

TABLE 18 OPTICAL SATELLITE MARKET, BY SIZE, 2020?2022 (USD MILLION)

TABLE 19 OPTICAL SATELLITE MARKET, BY SIZE, 2023?2028 (USD MILLION)

7.2 SMALL

7.2.1 COST-EFFECTIVENESS AND ACCESSIBILITY TO DRIVE GROWTH

7.3 MEDIUM

7.3.1 RAPID ADVANCEMENTS IN TECHNOLOGY TO DRIVE GROWTH

7.4 LARGE

7.4.1 RISING DEMAND FOR ADVANCED IMAGING CAPABILITIES TO DRIVE GROWTH

8 OPTICAL SATELLITE MARKET, BY APPLICATION

8.1 INTRODUCTION

FIGURE 29 OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028

TABLE 20 OPTICAL SATELLITE MARKET, BY APPLICATION, 2020?2022 (USD MILLION)

TABLE 21 OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

8.2 COMMUNICATION

8.2.1 INCREASING POPULARITY OF STREAMING MEDIA TO DRIVE GROWTH

8.2.2 SATELLITE-TO-SATELLITE

8.2.3 SATELLITE-TO-GROUND

8.3 EARTH OBSERVATION

8.3.1 BOOST IN ENVIRONMENTAL MONITORING AND URBAN PLANNING TO DRIVE GROWTH

8.3.2 SURVEILLANCE AND MONITORING

8.3.3 SCIENTIFIC RESEARCH

8.3.4 WEATHER MONITORING

8.3.5 DISASTER MANAGEMENT

8.3.6 EARLY WARNING SYSTEMS

8.3.7 OTHER IMAGING AND VIDEO OPERATIONS

9 OPTICAL SATELLITE MARKET, BY OPERATIONAL ORBIT

9.1 INTRODUCTION

FIGURE 30 OPTICAL SATELLITE MARKET, BY OPERATIONAL ORBIT, 2023–2028

TABLE 22 OPTICAL SATELLITE MARKET, BY OPERATIONAL ORBIT, 2020–2022
(USD MILLION)

TABLE 23 OPTICAL SATELLITE MARKET, BY OPERATIONAL ORBIT, 2023–2028
(USD MILLION)

9.2 LEO

9.2.1 NEED FOR INSTANT CONNECTIVITY AND LOW-LATENCY COVERAGE TO
DRIVE GROWTH

9.3 MEO/GEO

9.3.1 RISING PREFERENCE FOR HIGH-SPEED DATA TRANSMISSION TO DRIVE
GROWTH

10 OPTICAL SATELLITE MARKET, BY END USER

10.1 INTRODUCTION

FIGURE 31 OPTICAL SATELLITE MARKET, BY END USER, 2023–2028

TABLE 24 OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD
MILLION)

TABLE 25 OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD
MILLION)

10.2 GOVERNMENT

10.2.1 SURGE IN NATIONAL SECURITY CONCERNS TO DRIVE GROWTH

10.3 COMMERCIAL

10.3.1 COMMERCIALIZATION OF OPTICAL SATELLITES TO DRIVE GROWTH

10.4 DEFENSE

10.4.1 ESCALATING DEMAND FOR REAL-TIME DATA AND IMAGING TO DRIVE
GROWTH

11 OPTICAL SATELLITE MARKET, BY COMPONENT

11.1 INTRODUCTION

11.2 IMAGING AND SENSING SYSTEMS

11.2.1 VISIBLE SPECTRUM AND PANCHROMATIC

11.2.2 ULTRAVIOLET AND INFRARED

11.2.3 LASER-BASED

11.3 OPTICAL COMMUNICATION SYSTEMS

11.3.1 SATELLITE-TO-SATELLITE COMMUNICATION

11.3.2 SATELLITE-TO-GROUND COMMUNICATION

12 OPTICAL SATELLITE MARKET, BY REGION

12.1 INTRODUCTION

FIGURE 32 OPTICAL SATELLITE MARKET, BY REGION, 2023–2028

12.2 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 26 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 27 OPTICAL SATELLITE MARKET, BY REGION, 2020–2022 (USD MILLION)

TABLE 28 OPTICAL SATELLITE MARKET, BY REGION, 2023–2030 (USD MILLION)

12.3 NORTH AMERICA

12.3.1 PESTLE ANALYSIS

12.3.2 RECESSION IMPACT ANALYSIS

FIGURE 33 NORTH AMERICA: OPTICAL SATELLITE MARKET SNAPSHOT

TABLE 29 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY COUNTRY, 2020–2022 (USD MILLION)

TABLE 30 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 31 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 32 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 33 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 34 NORTH AMERICA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.3.3 US

12.3.3.1 Increasing influx of small satellite launches to drive growth

TABLE 35 US: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 36 US: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD

MILLION)

TABLE 37 US: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 38 US: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.3.4 CANADA

12.3.4.1 Rising deployment of optical satellites to drive growth

TABLE 39 CANADA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 40 CANADA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 41 CANADA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 42 CANADA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4 EUROPE

12.4.1 PESTLE ANALYSIS

12.4.2 RECESSION IMPACT ANALYSIS

FIGURE 34 EUROPE: OPTICAL SATELLITE MARKET SNAPSHOT

TABLE 43 EUROPE: OPTICAL SATELLITE MARKET, BY COUNTRY, 2020–2022 (USD MILLION)

TABLE 44 EUROPE: OPTICAL SATELLITE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 45 EUROPE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 46 EUROPE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 47 EUROPE: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 48 EUROPE: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.3 UK

12.4.3.1 Increasing demand for high-speed data transmission to drive growth

TABLE 49 UK: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 50 UK: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 51 UK: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 52 UK: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.4 FRANCE

12.4.4.1 New satellite launches by domestic space companies to drive growth

TABLE 53 FRANCE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 54 FRANCE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 55 FRANCE: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 56 FRANCE: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.5 GERMANY

12.4.5.1 Boost in government investments to drive growth

TABLE 57 GERMANY: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 58 GERMANY: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 59 GERMANY: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 60 GERMANY: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.6 ITALY

12.4.6.1 Innovations in satellite technologies to drive growth

TABLE 61 ITALY: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 62 ITALY: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 63 ITALY: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 64 ITALY: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.7 RUSSIA

12.4.7.1 Rising development of domestic space systems to drive growth

TABLE 65 RUSSIA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 66 RUSSIA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 67 RUSSIA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

MILLION)

TABLE 68 RUSSIA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.4.8 REST OF EUROPE

TABLE 69 REST OF EUROPE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 70 REST OF EUROPE: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 71 REST OF EUROPE: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 72 REST OF EUROPE: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5 ASIA PACIFIC

12.5.1 PESTLE ANALYSIS

12.5.2 RECESSION IMPACT ANALYSIS

FIGURE 35 ASIA PACIFIC: OPTICAL SATELLITE MARKET SNAPSHOT

TABLE 73 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY COUNTRY, 2020–2022 (USD MILLION)

TABLE 74 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 75 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 76 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 77 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 78 ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5.3 CHINA

12.5.3.1 Rapid development of new satellites to drive growth

TABLE 79 CHINA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 80 CHINA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 81 CHINA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 82 CHINA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5.4 JAPAN

12.5.4.1 Rise in launch of optical satellites to drive growth

TABLE 83 JAPAN: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 84 JAPAN: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 85 JAPAN: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 86 JAPAN: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5.5 INDIA

12.5.5.1 Domestic emphasis on space-based Earth observation to drive growth

TABLE 87 INDIA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 88 INDIA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 89 INDIA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 90 INDIA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5.6 SOUTH KOREA

12.5.6.1 Presence of key space technology companies to drive growth

TABLE 91 SOUTH KOREA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 92 SOUTH KOREA: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 93 SOUTH KOREA: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 94 SOUTH KOREA: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.5.7 REST OF ASIA PACIFIC

TABLE 95 REST OF ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY APPLICATION, 2020–2022 (USD MILLION)

TABLE 96 REST OF ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 97 REST OF ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY END USER, 2020–2022 (USD MILLION)

TABLE 98 REST OF ASIA PACIFIC: OPTICAL SATELLITE MARKET, BY END USER, 2023–2028 (USD MILLION)

12.6 REST OF THE WORLD

FIGURE 36 REST OF THE WORLD: OPTICAL SATELLITE MARKET SNAPSHOT**12.6.1 PESTLE ANALYSIS****12.6.2 RECESSION IMPACT ANALYSIS****TABLE 99 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY REGION
2020–2022 (USD MILLION)****TABLE 100 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY REGION,
2023–2028 (USD MILLION)****TABLE 101 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY
APPLICATION, 2020–2022 (USD MILLION)****TABLE 102 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY
APPLICATION, 2023–2028 (USD MILLION)****TABLE 103 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY END USER,
2020–2022 (USD MILLION)****TABLE 104 REST OF THE WORLD: OPTICAL SATELLITE MARKET, BY END USER,
2023–2028 (USD MILLION)****12.6.3 MIDDLE EAST & AFRICA****12.6.3.1 Rising demand for high-definition video streaming and cloud computing
applications to drive growth****TABLE 105 MIDDLE EAST & AFRICA: OPTICAL SATELLITE MARKET, BY
APPLICATION, 2020–2022 (USD MILLION)****TABLE 106 MIDDLE EAST & AFRICA: OPTICAL SATELLITE MARKET, BY
APPLICATION, 2023–2028 (USD MILLION)****TABLE 107 MIDDLE EAST & AFRICA: OPTICAL SATELLITE MARKET, BY END
USER, 2020–2022 (USD MILLION)****TABLE 108 MIDDLE EAST & AFRICA: OPTICAL SATELLITE MARKET, BY END
USER, 2023–2028 (USD MILLION)****12.6.4 LATIN AMERICA****12.6.4.1 Increasing focus on space development to drive growth****TABLE 109 LATIN AMERICA: OPTICAL SATELLITE MARKET, BY APPLICATION,
2020–2022 (USD MILLION)****TABLE 110 LATIN AMERICA: OPTICAL SATELLITE MARKET, BY APPLICATION,
2023–2028 (USD MILLION)****TABLE 111 LATIN AMERICA: OPTICAL SATELLITE MARKET, BY END USER,
2020–2022 (USD MILLION)****TABLE 112 LATIN AMERICA: OPTICAL SATELLITE MARKET, BY END USER,
2023–2028 (USD MILLION)****13 COMPETITIVE LANDSCAPE**

13.1 INTRODUCTION

TABLE 113 STRATEGIES ADOPTED BY KEY PLAYERS IN OPTICAL SATELLITE MARKET

13.2 MARKET RANKING ANALYSIS, 2022

FIGURE 37 MARKET RANKING OF TOP FIVE PLAYERS, 2022

13.3 COMPANY EVALUATION MATRIX, 2022

13.3.1 STARS

13.3.2 EMERGING LEADERS

13.3.3 PERVASIVE PLAYERS

13.3.4 PARTICIPANTS

FIGURE 38 COMPANY EVALUATION MATRIX, 2022

13.3.5 COMPANY FOOTPRINT

TABLE 114 COMPANY FOOTPRINT

TABLE 115 APPLICATION FOOTPRINT

TABLE 116 REGION FOOTPRINT

13.4 START-UP/SME EVALUATION MATRIX, 2022

13.4.1 PROGRESSIVE COMPANIES

13.4.2 RESPONSIVE COMPANIES

13.4.3 DYNAMIC COMPANIES

13.4.4 STARTING BLOCKS

FIGURE 39 START-UP/SME EVALUATION MATRIX, 2022

TABLE 117 OPTICAL SATELLITE MARKET: KEY START-UPS/SMES

13.4.5 COMPETITIVE BENCHMARKING

TABLE 118 COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

13.5 COMPETITIVE SCENARIO

13.5.1 PRODUCT LAUNCHES

TABLE 119 PRODUCT LAUNCHES, 2020–2023

13.5.2 DEALS

TABLE 120 DEALS, 2020–2023

14 COMPANY PROFILES

14.1 KEY PLAYERS

(Business Overview, Products/Services/Solutions Offered, MnM View, Key Strengths and Right to Win, Strategic Choices Made, Weaknesses and Competitive Threats, Recent Developments)*

14.1.1 BALL CORPORATION

TABLE 121 BALL CORPORATION: COMPANY OVERVIEW

FIGURE 40 BALL CORPORATION: COMPANY SNAPSHOT

TABLE 122 BALL CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 123 BALL CORPORATION: DEALS

14.1.2 LOCKHEED MARTIN CORPORATION

TABLE 124 LOCKHEED MARTIN CORPORATION: COMPANY OVERVIEW

FIGURE 41 LOCKHEED MARTIN CORPORATION: COMPANY SNAPSHOT

TABLE 125 LOCKHEED MARTIN CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 126 LOCKHEED MARTIN CORPORATION: DEALS

14.1.3 SPACEX

TABLE 127 SPACEX: COMPANY OVERVIEW

TABLE 128 SPACEX: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 129 SPACEX: DEALS

14.1.4 L3HARRIS TECHNOLOGIES, INC.

TABLE 130 L3HARRIS TECHNOLOGIES, INC.: COMPANY OVERVIEW

FIGURE 42 L3HARRIS TECHNOLOGIES, INC.: COMPANY SNAPSHOT

TABLE 131 L3HARRIS TECHNOLOGIES, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 132 L3HARRIS TECHNOLOGIES, INC.: DEALS

TABLE 133 L3HARRIS TECHNOLOGIES, INC.: OTHERS

14.1.5 AIRBUS DEFENCE AND SPACE

TABLE 134 AIRBUS DEFENCE AND SPACE: COMPANY OVERVIEW

FIGURE 43 AIRBUS DEFENCE AND SPACE: COMPANY SNAPSHOT

TABLE 135 AIRBUS DEFENCE AND SPACE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 136 AIRBUS DEFENCE AND SPACE: DEALS

14.1.6 MITSUBISHI ELECTRIC CORPORATION

TABLE 137 MITSUBISHI ELECTRIC CORPORATION: COMPANY OVERVIEW

FIGURE 44 MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT

TABLE 138 MITSUBISHI ELECTRIC CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 139 MITSUBISHI ELECTRIC CORPORATION: PRODUCT LAUNCHES

14.1.7 AAC CLYDE SPACE

TABLE 140 AAC CLYDE SPACE: COMPANY OVERVIEW

FIGURE 45 AAC CLYDE SPACE: COMPANY SNAPSHOT

TABLE 141 AAC CLYDE SPACE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 142 AAC CLYDE SPACE: PRODUCT LAUNCHES

TABLE 143 AAC CLYDE SPACE: DEALS

14.1.8 HONEYWELL INTERNATIONAL INC.

TABLE 144 HONEYWELL INTERNATIONAL INC.: COMPANY OVERVIEW

FIGURE 46 HONEYWELL INTERNATIONAL INC.: COMPANY SNAPSHOT

TABLE 145 HONEYWELL INTERNATIONAL INC.:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 146 HONEYWELL INTERNATIONAL INC: DEALS

14.1.9 THALES GROUP

TABLE 147 THALES GROUP: COMPANY OVERVIEW

FIGURE 47 THALES GROUP: COMPANY SNAPSHOT

TABLE 148 THALES GROUP: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 149 THALES GROUP: DEALS

14.1.10 PLANET LABS PBC

TABLE 150 PLANET LABS PBC: COMPANY OVERVIEW

FIGURE 48 PLANET LABS PBC: COMPANY SNAPSHOT

TABLE 151 PLANET LABS PBC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 152 PLANET LABS PBC: PRODUCT LAUNCHES

TABLE 153 PLANET LABS PBC: DEALS

14.1.11 RAYTHEON TECHNOLOGIES CORPORATION

TABLE 154 RAYTHEON TECHNOLOGIES CORPORATION: COMPANY OVERVIEW

FIGURE 49 RAYTHEON TECHNOLOGIES CORPORATION: COMPANY SNAPSHOT

TABLE 155 RAYTHEON TECHNOLOGIES CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 156 RAYTHEON TECHNOLOGIES CORPORATION: DEALS

14.1.12 MAXAR TECHNOLOGIES

TABLE 157 MAXAR TECHNOLOGIES: COMPANY OVERVIEW

FIGURE 50 MAXAR TECHNOLOGIES: COMPANY SNAPSHOT

TABLE 158 MAXAR TECHNOLOGIES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

14.1.13 BAE SYSTEMS

TABLE 159 BAE SYSTEMS: COMPANY OVERVIEW

FIGURE 51 BAE SYSTEMS: COMPANY SNAPSHOT

TABLE 160 BAE SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 161 BAE SYSTEMS: DEALS

14.1.14 HENSOLDT

TABLE 162 HENSOLDT: COMPANY OVERVIEW

FIGURE 52 HENSOLDT: COMPANY SNAPSHOT

TABLE 163 HENSOLDT: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 164 HENSOLDT: DEALS

14.1.15 IMAGESAT INTERNATIONAL

TABLE 165 IMAGESAT INTERNATIONAL: COMPANY OVERVIEW

FIGURE 53 IMAGESAT INTERNATIONAL: COMPANY SNAPSHOT

TABLE 166 IMAGESAT INTERNATIONAL: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 167 IMAGESAT INTERNATIONAL: DEALS

14.1.16 OHB SE

TABLE 168 OHB SE: COMPANY OVERVIEW

FIGURE 54 OHB SE: COMPANY SNAPSHOT

TABLE 169 OHB SE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

14.1.17 TERRAN ORBITAL CORPORATION

TABLE 170 TERRAN ORBITAL CORPORATION: COMPANY OVERVIEW

FIGURE 55 TERRAN ORBITAL CORPORATION: COMPANY SNAPSHOT

TABLE 171 TERRAN ORBITAL CORPORATION:
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 172 TERRAN ORBITAL CORPORATION: PRODUCT LAUNCHES

14.1.18 SATELLOGIC

TABLE 173 SATELLOGIC: COMPANY OVERVIEW

FIGURE 56 SATELLOGIC: COMPANY SNAPSHOT

TABLE 174 SATELLOGIC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 175 SATELLOGIC: DEALS

*Business Overview, Products/Services/Solutions Offered, MnM View, Key Strengths and Right to Win, Strategic Choices Made, Weaknesses and Competitive Threats, Recent Developments might not be captured in case of unlisted companies.

14.2 OTHER PLAYERS

14.2.1 PIXXEL

TABLE 176 PIXXEL: COMPANY OVERVIEW

14.2.2 LASER TECHNOLOGY, INC.

TABLE 177 LASER TECHNOLOGY, INC.: COMPANY OVERVIEW

14.2.3 SITAE S.P.A.

TABLE 178 SITAE S.P.A.: COMPANY OVERVIEW

14.2.4 TRANSCHESTIAL

TABLE 179 TRANSCHESTIAL: COMPANY OVERVIEW

14.2.5 AL?N SPACE

TABLE 180 AL?N SPACE: COMPANY OVERVIEW

14.2.6 NANOAVIONICS

TABLE 181 NANOAVIONICS: COMPANY OVERVIEW

14.2.7 WARPSPACE INC.

TABLE 182 WARPSPACE INC.: COMPANY OVERVIEW

14.2.8 GALAXEYE SPACE SOLUTIONS PVT LTD.

TABLE 183 GALAXEYE SPACE SOLUTIONS PVT LTD.: COMPANY OVERVIEW

15 APPENDIX

15.1 DISCUSSION GUIDE

15.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

15.3 CUSTOMIZATION OPTIONS

15.4 RELATED REPORTS

15.5 AUTHOR DETAILS

I would like to order

Product name: Optical Satellite Market by Size (Small, Medium, Large), Application (Earth Observation, Communication), Operational Orbit, Component, End User and Region (North America, Europe, Asia Pacific, Rest of the world) - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/O4E609706707EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/O4E609706707EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970