

Opportunities and Development Trends of the Space Industry (pre-order)

<https://marketpublishers.com/r/O7259A1F11CDEN.html>

Date: November 2020

Pages: 24

Price: US\$ 1,800.00 (Single User License)

ID: O7259A1F11CDEN

Abstracts

Leading countries in the space sector have announced their moon landing plans in 2020, which marks the 50th anniversary of the moon landing. Some of them have even formed a space force to protect national security, which in turn has benefited their aerospace and national defense industries. US and European companies have been deploying massive low earth orbit satellite systems at an unprecedented speed, resulting in explosive growth of the space industry. The Taiwanese government has also outlined six core strategic industries for 2020 with the aim to drive greater integration of military and civilian technologies and improve manufacturing capabilities in the private sector, thereby gaining a foothold in the global aviation and space industries. This report analyzes business opportunities in the space industry and its industrial development.

Contents

1. DEVELOPMENT OF SPACE EXPLORATION

2. BUSINESS OPPORTUNITIES IN THE SPACE MARKET

2.1 Satellite Placed in Different Orbits for Different Missions

2.1.1 Low Earth Orbit Satellite

2.1.2. Medium Earth Orbit Satellite

2.1.3. High Earth Orbit Satellite

2.2 International Space Companies Aggressively Deploy Low Earth Orbit Satellite Systems

2.3 Satellites and Ground Station Communications Systems to Develop Side by Side

2.4 Low Earth Orbit Satellites to Drive Global Space Industry Development

2.4.1 A Sharp Increase in Low Earth Orbit Satellites Launched into Space

2.4.2 Steady Growth in Global Space Industry Value

2.4.3 Satellite Communications Services and Ground Station Equipment Take Largest Share

2.4.4 Construction Costs and Operations of SpaceX Starlink

3. SPACE INDUSTRY DEVELOPMENT HIGHLIGHTS

3.1 Challenges in Satellite Design and Manufacturing

3.1.1 Adaption to Extreme Temperature Changes

3.1.2 Extremely High Power Efficiency

3.1.3 Resistance to Intense Solar and Cosmic Radiation

3.1.4 Special Power-off System

3.1.5 High Reliability

3.2 The Global Space Industry Value Chain

3.3 The Taiwanese Space Industry Value Chain

3.4. Key Components of Ground Station Equipment

4. MIC PERSPECTIVE

APPENDIX

List of Companies

List Of Tables

LIST OF TABLES

Table 1 Number of Low Earth Orbit Satellites Planned by US and European Space Companies

List Of Figures

LIST OF FIGURES

Figure 1 Types of Satellites in Different Orbits

Figure 2 Deployment Roadmap of Low Earth Orbit Satellite Constellations

Figure 3 Use Cases for Low Earth Orbit Satellites Integrated with 5G

Figure 4 Number of Satellites Launched into Space between 2016 and 2025

Figure 5 Space Industry Value between 2016 and 2025

Figure 6 Scope of the Global Space Industry

Figure 7 Scope of Satellite Communications Services and Ground Station Equipment (2018 and 2025)

Figure 8 The Global Space Industry Value Chain (Low Earth Orbit Satellites)

Figure 9 The Taiwanese Space Industry Value Chain (Communications Satellites)

Figure 10 Key Components of Satellites

Figure 11 Communications between Satellites and Ground Stations

Figure 12 Communications Devices and Features

Figure 13 The Taiwanese Network Communications Industry Value Chain

I would like to order

Product name: Opportunities and Development Trends of the Space Industry (pre-order)

Product link: <https://marketpublishers.com/r/O7259A1F11CDEN.html>

Price: US\$ 1,800.00 (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/O7259A1F11CDEN.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