

# Commercial Satellite Imaging Market - Opportunities, Share, Growth and Competitive Analysis and Forecast 2029

*The Business Research Company's  
Commercial Satellite Global Market  
Report 2025 - Market Size, Trends, And  
Global Forecast 2025-2034*

LONDON, UNITED KINGDOM,  
November 10, 2025 /

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What Is The Forecast For The Commercial Satellite Imaging Market From 2024 To 2029?

[The market size of commercial satellite imaging](#) has witnessed significant expansion in the past few years. The market is projected to escalate from \$4.73 billion in 2024 to \$5.21 billion in 2025, recording a compound annual growth rate (CAGR) of 10.1%. The expansion during the past can be credited to sectors such as defense and security, natural resource management, infrastructure growth, disaster management, along with navigation and mapping.

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The market size of commercial satellite imaging is projected to experience a swift expansion in the coming years. With a compound annual growth rate (CAGR) of 10.2%, it is anticipated to reach \$7.68 billion by 2029. This

surge during the projected period can be ascribed to factors such as precision agriculture, climate tracking, urban development and smart cities, aid for humanitarian and disaster relief, and improvement in telecommunications infrastructure. Dominant trends during this period encompass the increasing global demand for real-time imaging, incorporation of hyperspectral imaging, collaborations between public and private sectors for data sharing, advancements in data analytics platforms, and heightened attention to environmental surveillance and climate change.

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## What Are The Core Growth Drivers Shaping The Future Of The Commercial Satellite Imaging Market?

The growing apprehensions relating to national security are projected to stimulate the progress of the commercial satellite imaging market in the future. National security threats constitute any deeds or occurrences that can compromise the safety, order, and security of a nation or its populace. These threats can emanate from a diverse array of sources such as international governments, terrorist groups, or cyber breaches on governmental departments. Satellite imaging data serves a supplementary function in combatting cyber-attacks on governmental departments by offering key details for network supervision, geolocation, preemptive alerting, response, and mitigation actions. For example, in November 2023, the 2023 ASD Cyber Threat Report from the Australian Signals Directorate, a federal agency based in Australia, stated that during the fiscal year 2022-23, ReportCyber documented close to 94,000 instances of cybercrime, which constitutes a 23% increase compared to the previous fiscal year. Consequently, the escalating apprehensions regarding national security are facilitating [the growth of the commercial satellite imaging market](#).

## Which Companies Are Currently Leading In The Commercial Satellite Imaging Market?

Major players in the Commercial Satellite Imaging Global Market Report 2025 include:

- Airbus SE
- L3Harris Technologies Inc.
- Maxar Technologies Inc.
- DigitalGlobe Inc.
- Telespazio Spa
- MDA Ltd.
- Planet Labs PBC
- Radiant Solutions Inc.
- Spire Global Inc.
- Capella Space Inc.

## What Are The Top Trends In The Commercial Satellite Imaging Industry?

In the commercial satellite imaging market, leading companies are introducing innovative products like hyperspectral satellites to expand their customer reach, boost sales, and enhance revenue. These hyperspectral satellites, a variant of earth observation satellites, are armed with sensors that can capture a vast array of electromagnetic wavelengths beyond the visible spectrum. For example, Pixxel, an Indian company specializing in building hyperspectral earth imaging satellites, launched the Shakuntala commercial satellite in April 2022. What sets apart Pixxel's first full-scale satellite, 'shakuntala', is its integration of one of the finest-resolution hyperspectral commercial cameras ever put into space, reinforcing Pixxel's ambition of creating a 24x7 health monitor for the planet. Shakuntala (TD-2), weighing less than 15 kg, has the potential

to capture orbital images in over 150 color bands, covering the visible and infrared spectrums, with a remarkable resolution of 10 meters per pixel.

## Comparative Analysis Of Leading Commercial Satellite Imaging Market Segments

The commercial satellite imaging market covered in this report is segmented –

1) By Technology: Optical, Radar

2) By Application: Geospatial Data Acquisition And Mapping, Natural Resource Management, Surveillance And Security, Conservation And Research, Disaster Management, Defense And Intelligence

3) By End User: Government, Military And Defense, Forestry And Agriculture, Energy, Civil Engineering And Archaeology, Transportation And Logistics, Other End Users

Subsegments:

1) By Optical: High-Resolution Optical Imaging, Multispectral Imaging, Hyperspectral Imaging

2) By Radar: Synthetic Aperture Radar (SAR), Interferometric Synthetic Aperture Radar (InSAR), Ground Penetrating Radar (GPR)

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## Which Regions Are Dominating The Commercial Satellite Imaging Market Landscape?

In 2024, North America held the biggest share in the global commercial satellite imaging market. The Asia-Pacific region, however, is predicted to display the highest growth rate during the forecast period detailed in the Commercial Satellite Imaging Global Market Report 2025. The report provides coverage of several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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Speak With Our Expert:

Saumya Sahay  
Americas +1 310-496-7795  
Asia +44 7882 955267 & +91 8897263534  
Europe +44 7882 955267  
Email: saumyas@tbrc.info  
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The Business Research Company  
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info@tbrc.info

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