2020 Top-Level Global Satellite Industry Findings
Increasing Affordability and Productivity, New Capabilities: Changing Industry Dynamics

More capable, lower cost GEO sats
Improved capability, innovative application of smallsats
Expanded GEO life extension capabilities

More affordable launches
Increased launch activity
More launch choices, capacity
Innovative post-launch deployment services

Increase in telecom capacity
Increase in resolution of commercially available imagery
New satellite services

Launch
Satellite Services

Growing on-the-move connectivity
6+B GNSS satellite-enabled smartphones, other devices

Broadband, satellite radio installations on the rise
Television viewership changing from traditional models

Operational Satellites by Mission Type

The Satellite Industry in Context
(2020 revenues worldwide, in billions of U.S. dollars)

Increasing productivity
New capabilities
Economic growth
Safety
Security
Sustainability

End Users
Consumer, industry, government, and non-profits
All sectors of the economy
Global

Operational Satellites

Scientific
Military Surveillance
Navigation
R&D/Other
Remote Sensing/Space Observation
Government Communications
Commercial and Non-Profit Communications
Operational Satellites

Global Space Economy

Government Space Budgets
Commercial Human Spacelift
Telecommunications
Remote Sensing
Network Equipment
Consumer Equipment
Launch Industry
Satellite Industry

$371B
Global Space Economy

$100.7B
Non-Satellite Industry
$177.8B
Satellite Services

$135.3B
Ground Equipment

$271B
Satellite Industry
74% of Space Economy

$12.2B
Satellite Manufacturing
$5.3B
Launch Industry

Number of Operational Satellites

2016 2017 2018 2019 2020

0 500 1,000 1,500 2,000 2,500 3,000 3,500 4,000

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

33% 32% 28% 29% 33% 34% 48% 37% 17% 11% 13% 15% 16% 18% 15% 11% 19% 31% 12% 11% 7%

3% 2% 2% 2% 3% 3% 7% 6% 11% 7% 8% 9% 6% 7% 11% 13% 13% 20% 31% 11% 19% 27% 20% 19% 11% 35% 32% 28% 29%
2020 Top-Level Global Satellite Industry Findings

- **Satellite Services**: $117.8B (44%)
- **Launch Industry**: $5.3B (2%)
- **Satellite Manufacturing**: $12.2B (5%)
- **Ground Equipment**: $135.3B (50%)

**2020 Revenues:** $271B

- **Television**: $88.4B
- **Radio**: $6.3B
- **Broadband**: $2.8B
- **Fixed**: $15.7B
- **Mobile**: $2B
- **Remote Sensing**: $2.6B

**Satellites Launched by Mission Type**
- 1,194 Satellites launched in 2020 included in study
- Commercial Communications 84%
- Remote Sensing 11%
- Military Surveillance 1%
- Civil/Commercial Communications 1%
- Scientific 1%
- Navigation 1%
- SDA Satellites Serving at $1B
- Other (<1%)

For more information on the satellite industry, or for previous SSIR reports, contact SIA:

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