

# KEY NORTH AMERICAN & EUROPEAN SATELLITE PLATFORMS

MANUFACTURER	PROGRAMS & USE	COMMENTARY
	<ul style="list-style-type: none"> <li>Starlink v2.0: Small satellite intended to provide wireless internet</li> <li>Starlink v2.0 Mini: Small satellite intended to provide wireless internet</li> <li>Starshield: Satellite bus for government payloads</li> </ul>	<p>3,600+ Starlink satellites in orbit 7,500 additional units FAA approved Capacity to produce ~45 per week</p> <p>4 Starshield satellites ordered by SDA</p>
	<ul style="list-style-type: none"> <li>KuiperSat: Small satellite intended to provide wireless internet</li> </ul>	<p>3,200+ units FAA approved Capacity to produce 4 per day</p>
	<ul style="list-style-type: none"> <li>1300 Class: Highly customizable satellite platform for communications</li> </ul>	<p>90 1300-class satellites in orbit 11 in production</p>
	<ul style="list-style-type: none"> <li>Eurostar-X: Mid-size satellite bus intended for high power missions</li> <li>OneSat: Reconfigurable software-defined satellite bus</li> <li>Arrow: Small satellite bus intended to provide wireless internet; Joint venture with OneWeb</li> </ul>	<p>94 Eurostar satellites ordered 7 in production</p> <p>~7 OneSat satellites in production</p> <p>600+ OneWeb satellites in orbit Capacity to produce 15 per week</p>
	<ul style="list-style-type: none"> <li>702X: Reconfigurable software-defined satellite bus</li> </ul>	<p>50+ 702X satellites launched Production Time: &lt;3 years</p>
	<ul style="list-style-type: none"> <li>LM 50: Low-cost nanosatellite bus</li> <li>LM 400: Small satellite bus</li> <li>LM 1000: Mid-size satellite bus intended for remote sensing missions</li> <li>LM 2100: Large satellite optimized for high power missions; GEO flagship</li> </ul>	<p>Mission Life: 3 mo. – 5 yrs.</p> <p>Production Time: &lt;2 years Mission Life: 2 – 7 years</p> <p>Newest Lockheed satellite platform</p> <p>25+ LM 2100 satellites ordered Mission Life: 15 years</p>
	<ul style="list-style-type: none"> <li>GEOStar-3: Satellite bus intended for small to medium payloads</li> <li>EPASat-X: Highly customizable satellite bus for multiple payloads</li> </ul>	<p>12 GEOStar-3 satellites delivered Mission Life: 15 years Production Time: 2 years</p> <p>11 EPASat-X satellites in production Mission Life: &lt;5 years</p>
	<ul style="list-style-type: none"> <li>BCP-100: Small satellite bus with capacity to hold up to four separate payloads</li> <li>BCP-300: Ideal for operational and technology demonstration missions</li> <li>BCP-2000: High-throughput satellite bus designed for high performance missions</li> <li>BCP-5000: High performance, next generation satellite bus</li> </ul>	<p>Mission Life: 1+ years</p> <p>Mission Life: 1-3 years</p> <p>10+ BCP-2000 satellites launched Mission Life: 5+ years</p> <p>Mission Life: 7+ years</p>

**Low Earth Orbit**  
Most common type of orbit. Telecommunications satellites in LEO are typically found in a constellation.

**Medium Earth Orbit**  
Most often used for navigation satellites, typically found in a constellation.

**Geostationary Orbit**  
Most useful for telecommunications & weather satellites. Only three are needed for global coverage.

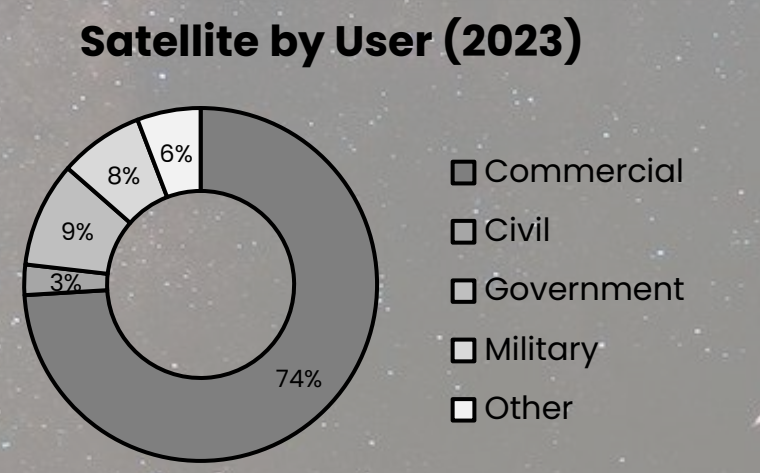
## Statistics

**5,400+**  
Total Active Satellites in Orbit

**36%**  
2022-2030 Active Satellite CAGR (Estimated)

**2,000+**  
Active Satellites Launched in 2022

**1,600+**  
Active Starlink Satellites Launched in 2022



Sources: Union of Concerned Scientists, Space.com, Nature.com, Satellite Today, The Space Foundation, Gunter's Space Page, Jonathan's Space Pages

## Meridian Capital Sector Coverage

- Aerostructures
- Aftermarket Parts and PMA
- Automation, Tooling & Engineering
- Components & Subsystems
- Defense Technology & C4ISR
- Ground Support Equipment
- MRO Services
- Precision Machining, Fabrication & Sub-Assemblies
- Space and Satellite Systems and Services
- UAVs

## Meridian Capital's Aerospace, Defense & Space Team



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*Team Leadership*

## Meridian Capital Transaction Experience

**Weatherhaven Global Resources**



- Acquired by -



**Pacific Consolidated Industries**



- Recapitalized by -



**Apollo Video Technology**



- Acquired by -



**Shields Manufacturing**



- Acquired by -



**MTM Robotics**



- Acquired by -



**Berg Companies**



- Acquired by -




**Blast Deflectors**




- Acquired by -



**Wipro**



- Buy-side Advisory Services -



**Pacific Consolidated Industries**



- Debt Financing & Growth Capital -



**J&M Machine**



- Acquired by -




**Thortex**




- Acquired by -




**HR Givon**




- Acquired by -



**Imaginetics, Inc.**



- Acquired by -



**Procesos Termicos**



- Acquired by -



**VIOX Corporation**



- Acquired by -

