Constellations by Applications

newspace.im

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Number of Constellations

Legend:
- Retired
- Launches completed
- Launched & replenishing
- Launches ongoing
- Prototype(s) launched
- Prototype development
- Early stage / Concept
- Dormant / Unknown
- Cancelled / Bankrupt

Applications and values:
- 3D Imaging: 5
- ADS-B: 8
- AIS: 24
- Active Debris Removal: 7
- Asteroid Prospecting: 3
- Astrophotography: 3
- Constellation-As-A-Service: 14
- Data Storage: 11
- Earthquake Monitoring: 2
- Emissions Monitoring: 12
- GNSS / PNT: 8
- GNSS Radio Occultation: 4
- Hosted Payloads: 13
- Hyperspectral Earth Observation: 30
- In-Orbit Computing: 19
- In-Orbit Inspection: 7
- Infrared Earth Observation: 27
- Internet Broadband: 64
- IoT / M2M: 92
- LIDAR: 4
- Laser Communications: 20
- Minerals Prospecting: 4
- Missile Defense: 2
- Multistatic SAR: 2
- Non-Earth Imaging: 3
- On-Orbit Servicing: 3
- Optical Earth Observation: 72
- Orbital Data Relay: 44
- Orbital Display (Advertising): 2
- QKD (Quantum Key Distribution): 9
- RF Monitoring / Geolocation: 14
- Reusable: 1
- SAR: 38
- SSA: 26
- Direct-to-Device (Direct-to-Cell): 11
- Space Weather: 3
- VDES (AIS 2.0): 7
- Video: 6
- Weather: 16
- Wireless Energy Supply: 9