



+ PLANET'S CONSTELLATION Provides Innovation and Resiliency

The space environment is increasingly dangerous and satellite constellations need to be able to respond to a variety of threats including, mitigating the impacts of orbital debris, and overcoming potential attacks from adversarial nation-states.

Planet understands the need for resiliency, and has developed a next-generation, multi-source commercial space architecture that ensures our customers never have to worry about losing collection.

THE LARGEST COMMERCIAL EARTH OBSERVATION SATELLITE CONSTELLATION



Limit Collection Disruptions

With over 200 satellites in orbit, our constellation can overcome active and passive threats.



High Launch Frequency

Ensures our constellation has the latest hardware and software upgrades.



Diversified Ground Station Network

More locations around the globe reduces single points of failure.

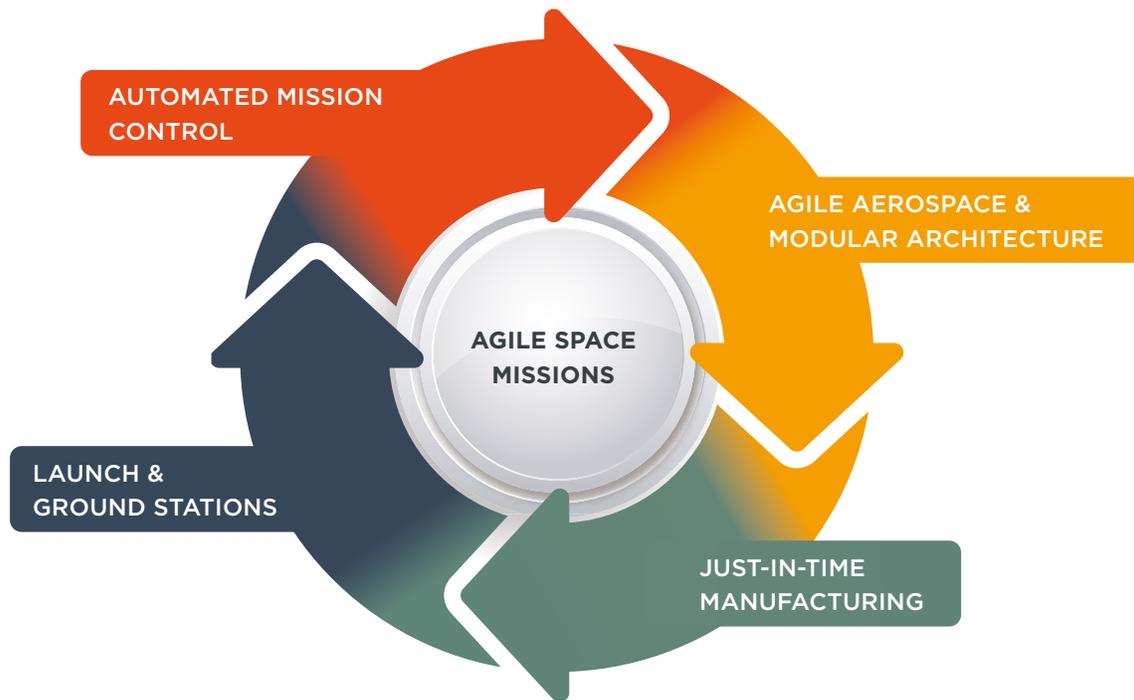
PIONEERING AGILE AEROSPACE

Planet operates over 200 satellites and collects over 350 M sq km of imagery daily. Our success is the result of pioneering the agile aerospace methodology, allowing Planet to build, launch, and operate our constellations faster and more efficiently than traditional methods.

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As a result, Planet can deliver more compute power, faster delivery, and better data – enabling our customers to make better, more informed decisions.



AGILE AEROSPACE & MODULAR ARCHITECTURE

Allow for more resilient constellation that is easily upgradeable and adaptable to emerging threats and market needs.

JUST-IN-TIME MANUFACTURING

Better design and streamlined inventory control, allowing for faster traceability and reconfigurability, lowering production costs.

LAUNCH & GROUND STATIONS

Planet is largely launch provider agnostic, enabling lower launch costs and a more flexible launch schedule; Planet also utilizes a variety of ground stations to download data, limiting single points of failure.

AUTOMATED MISSION CONTROL

Allows for more efficient satellite operations, collection planning, and ground station operations.

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