

## Planet Introduces New High Resolution Pelican Satellites

[Planet](#), a leading provider of daily data and insights about Earth, recently announced their next-generation fleet of satellites for very high resolution imagery, called Pelican. The constellation will begin launching next year and be operational in 2023. When fully operational, the Pelican constellation will replenish and upgrade Planet's existing high resolution [SkySat fleet](#), which consists of 21 satellites imaging at 50cm resolution. Pelican will provide Planet's customers in government, sustainability, finance, insurance, and more with better resolution, more frequent image revisit times, and reduced reaction time and latency.

Planet operates history's largest fleet of Earth observation satellites with 200 currently in orbit. The company takes an agile aerospace approach towards designing and building spacecraft, enabling them to quickly innovate and enhance their products; and all of the Pelican fleet will be designed and built in-house at Planet. This approach ensures that the company meets customer needs through rapid product iteration, providing timely, detailed, and unique datasets to customers every year.

The Pelican constellation will offer enhanced image resolution, enabling customers to see fine details like road markings. When fully operational, the Pelican fleet will exceed SkySat's market-leading global intraday revisit frequency of up to 10 times. And when paired with Planet's full suite of daily, global monitoring data and analytics solutions, Pelican will enable powerful new insights that drive unparalleled awareness and decision making for users working in government, sustainability, finance, insurance, and more.

"Pelican significantly advances Planet's product suite with the highest temporal resolution and revisit times that we have ever offered, while dramatically reducing the time between tasking and receipt of an image. In a world that is increasingly fast-changing and unpredictable, this kind of detailed information on demand will be a game changer for our customers who every day need to make quick, consequential decisions," said Planet's Senior Vice President of Space Systems James Mason.

