

Overview

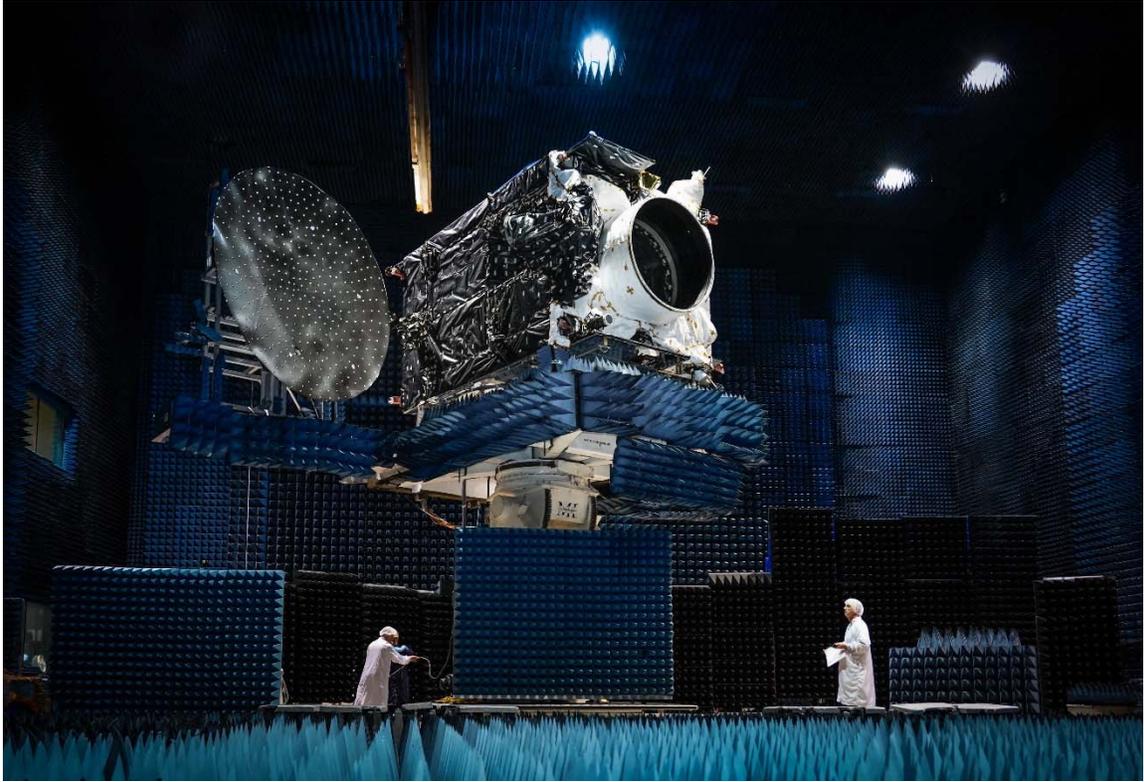
SSL is dedicated to delivering advanced spacecraft systems that connect, inform, and protect people around the globe. The company provides satellites for services such as direct-to-home television, video content distribution, broadband Internet, mobile communications, in-orbit servicing, and Earth observation. SSL's industry leading electric propulsion system and rideshare capability enable efficient and economical transport to GEO and beyond for smaller missions.

About SSL

- The world's leading provider of commercial communications satellites
- Established in the Silicon Valley (Palo Alto, California, USA) In 1957
- SSL has built over 280 satellites
- 90 GEO satellites in orbit, more than any other manufacturer
- 94 LEO satellites built or under construction
- Satellites for customers in more than 16 countries
- Advanced robotics for in-orbit servicing and assembly in space
- SSL is building a spacecraft that will travel to the asteroid Psyche, thought to be the only all metal body in the solar system
- Leading provider of satellites for Indonesia:
 - BRIsat for Bank Rakyat Indonesia – launched June 2016
 - Merah Putih – launched in August 2018
 - Nusantara Satu – launched Feb. 2019

About the Nusantara Satu Satellite

- Built by SSL for PT Pasifik Satelit Nusantara (PSN), a leading Asian provider of satellite-based telecommunication services.
- Nusantara Satu is a geostationary (GEO) communications satellite orbiting at 36,000 km above the equator
- Orbital slot: 146 degrees East longitude
- Indonesia's first High Throughput Satellite for broadband across South East Asia
- C-band and Ku-band transponders for voice, data communications, and video distribution
- Advanced electric propulsion enabled rideshare mission
- Launch: SpaceX, Falcon 9 from Cape Canaveral, Florida, USA in February 2019
- Rideshare launch: A privately funded lunar lander for [SpaceIL](#) shares the launch and Nusantara Satu will bring an experimental small spacecraft for the Air Force Research Laboratory to its orbit near GEO
- Nusantara Satu website: <https://psn.co.id/nsatu/>



Nusantara Satu undergoing antenna testing in SSL's facility. Photo courtesy of SSL



Nusantara Satu's final inspection before being shipped to launch base. Photo courtesy of SSL



Graphic of Nusantara Satu deployed in-orbit. Photo courtesy of SSL