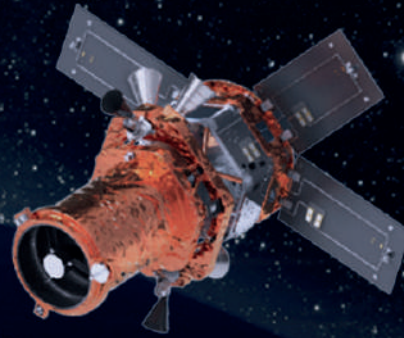


DS-EO

View the World Through our Lens



Satellite Manufacturer: Satrec Initiative

The Near Equatorial Orbit (NEqO) Constellation

ST Engineering Geo-Insights Pte. Ltd. (Geo-Insights) is the exclusive provider of satellite imagery and data analytics services for the NEqO constellation satellites; DS-EO, NeuSAR, TeLEOS-2 and DS-SAR.

The NEqO Multi-Modal Imaging Constellation will allow clients to image the equatorial region utilizing high revisit and high resolution satellite imagery products.

Technical Specifications

Launch	30 June 2022
Orbit	Period: Near-Equatorial / 96 minutes Inclination: 10 degrees Altitude: 570 km
Spectral Bands	Panchromatic Blue Green Red Near-infrared
Resolution (Nadir)	Panchromatic: 0.5 m Multispectral: 2 m
Geolocation Accuracy	<65 m at CE90
Imaging Opportunity	Up to 6 daylight imaging opportunities per day
Swath Width	18 km at nadir
Collection Modes	SPOT: 18 km x 18 km STRIP: 18 km x Up to available imaging capacity in along track direction WIDE AREA: 70 km x 70 km



DS-EO Coverage



Transforming Business, Changing Lives

ST Engineering Geo-Insights develops geospatial analytics solutions to transform data into insights to support informed decision making for customers in the maritime, agriculture, energy and infrastructure sectors.

Geo-Insights also taps on emerging new space technologies to pursue growth opportunities in small satellite operations

