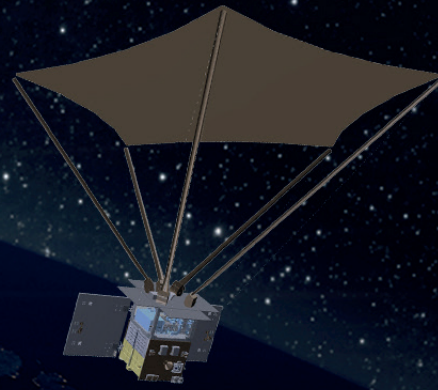


# NeuSAR

View the World Through our Lens



Developed by DSO National Laboratories

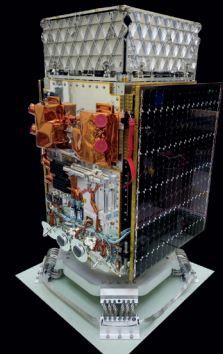
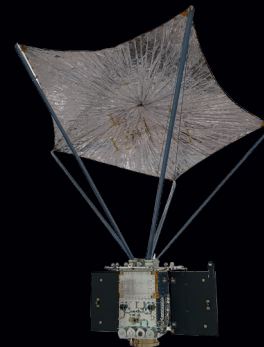
## The Near Equatorial Orbit (NEqO) Constellation

**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.

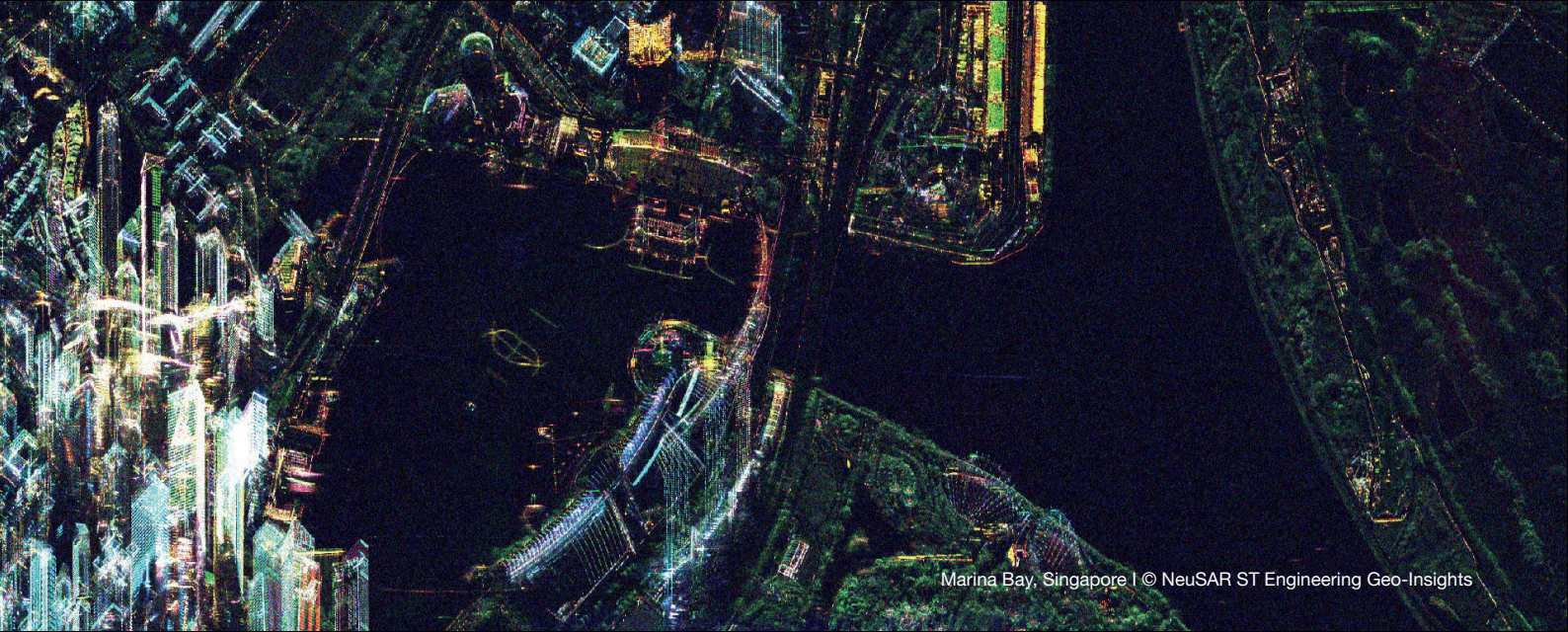
Inspect and investigate the equatorial region utilizing high resolution, high revisit, high capacity SAR imagery products, without worrying about capacity contention, at a price point in line with regional expectations.

### Mission Overview

<b>Launch</b>	30 June 2022
<b>Orbit</b>	Near-Equatorial ~576km
<b>Period / Inclination</b>	96 minutes / 10 degrees
<b>Payload Frequency</b>	X-Band







Marina Bay, Singapore | © NeuSAR ST Engineering Geo-Insights

### Technical Specifications

Imaging Mode	QP-SPOT	QP-STRIP
Nominal Swath Width	4km	5.5km
Nominal Product Length	4km	28 km
Maximum Scene Length	4km	350 km
Polarization	VV, VH, HH & HV	VV, VH, HH & HV
Incidence Range	22° - 34°	18° - 34°
Ground Resolution	1.5m X 0.5m	2m X 2m
Imaging Opportunities	Up to 15 Opportunities per day	

### Transforming Business, Changing Lives

**ST Engineering Geo-Insights** offer analytics, information products and value-added services based on geospatial data and remote-sensing imagery to address growing global demands for timely insights which empower customers to make well-informed decisions.

