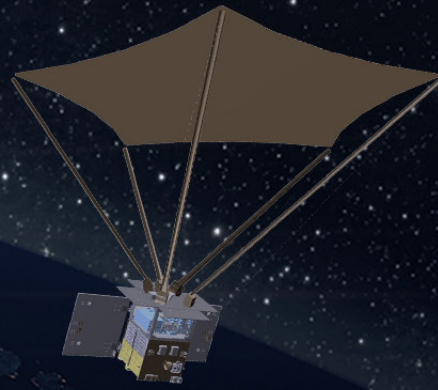


NeuSAR

View the World Through our Lens



Developed by DSO National Laboratories

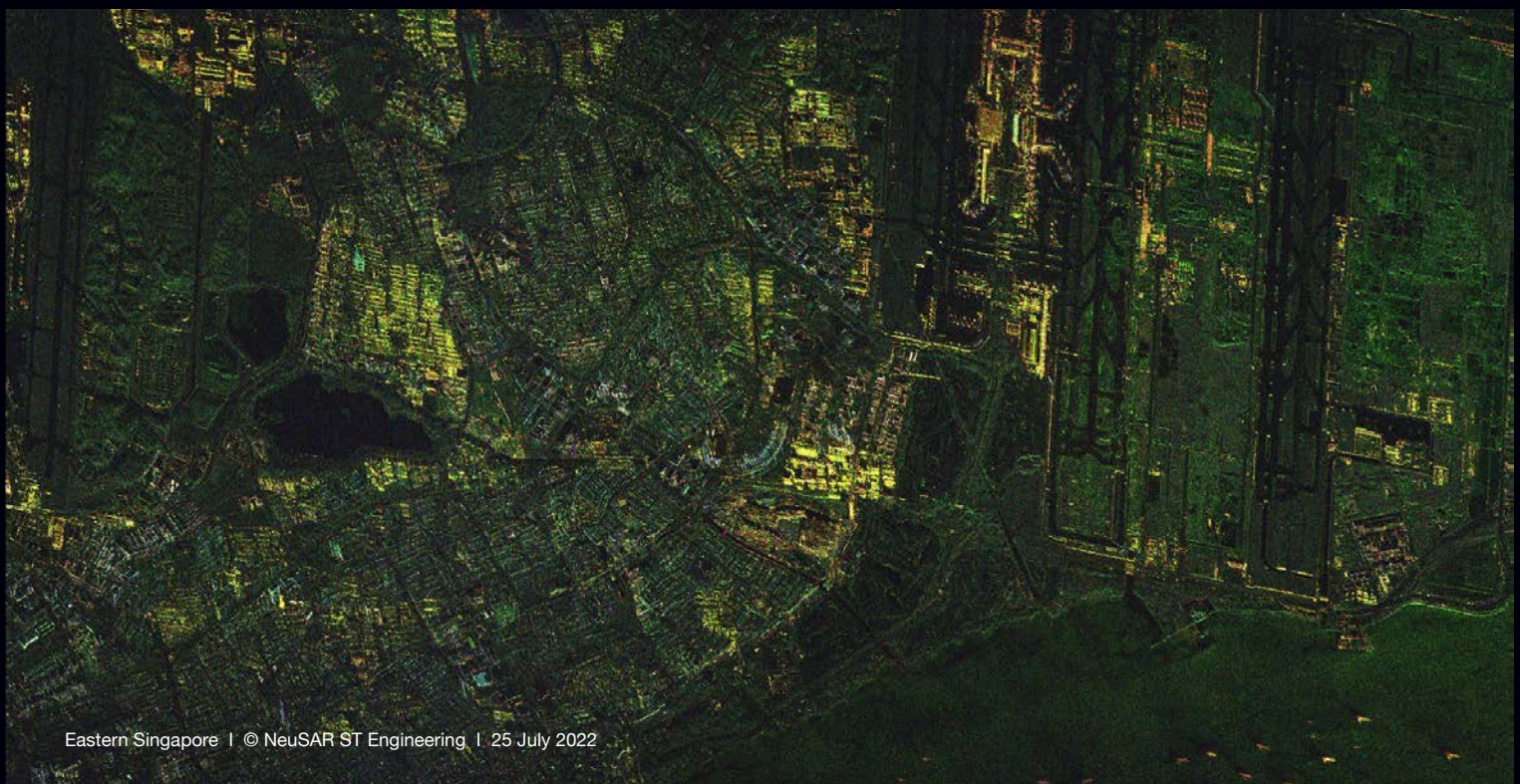
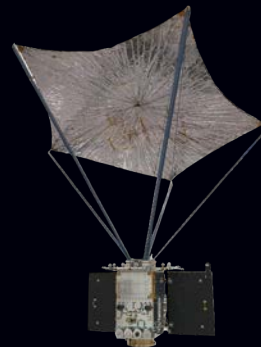
The Near Equatorial Orbit (NEqO) Constellation

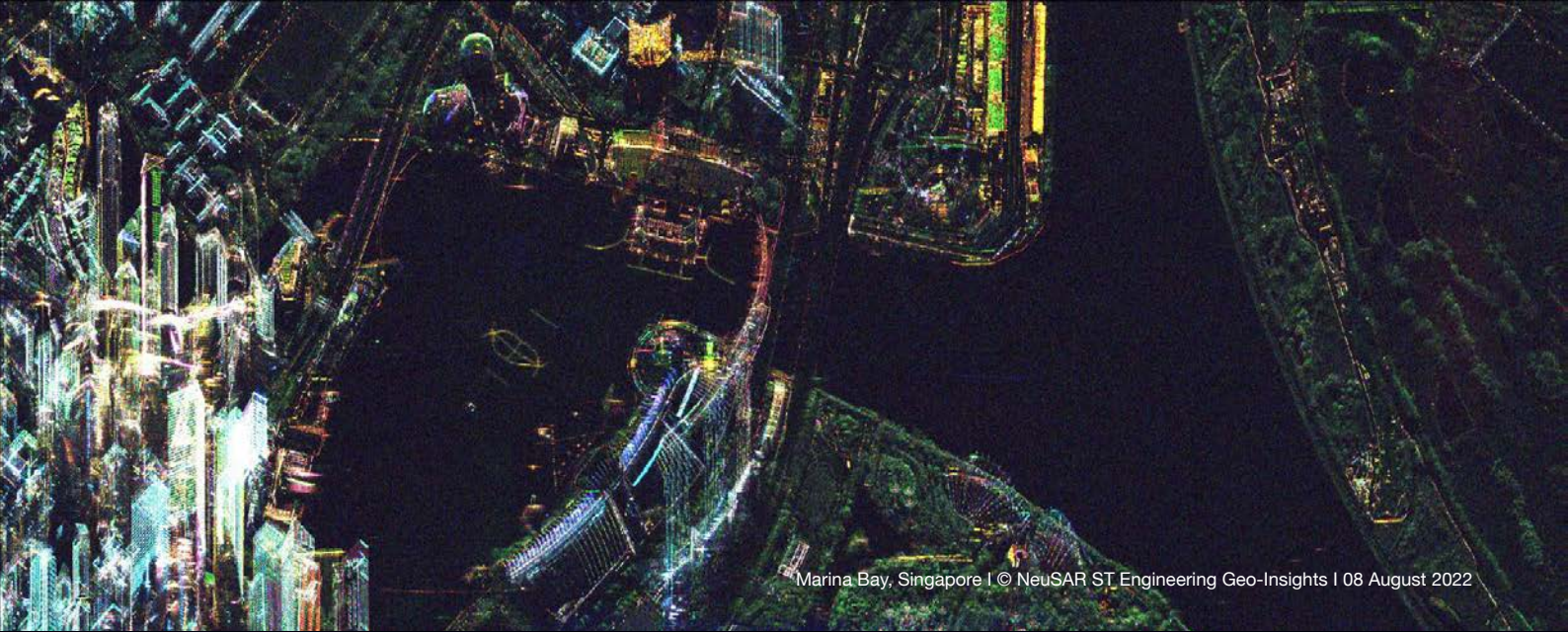
ST Engineering Geo-Insights Pte. Ltd. (Geo-Insights) is the exclusive provider of satellite imagery and data analytics services for the NEqO constellation satellites; DS-EO, NeuSAR, TeLEOS-2 and DS-SAR.

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

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





Marina Bay, Singapore | © NeuSAR ST Engineering Geo-Insights | 08 August 2022

Technical Specifications

Imaging Mode	QP-SPOT	QP-STRIP	DP-STRIP
Nominal Swath Width	4km	5.5km	5.5 km
Nominal Product Length	4km	28 km	28 km
Maximum Scene Length	4km	350 km	350 km
Polarization	VV, VH, HH & HV	V, VH, HH & HV	VV & VH or HH & HV
Incidence Range	22° - 34°	18° - 34°	20° - 44°
Ground Resolution	1.5m X 0.5m	2m X 2m	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.

