



TripleSat Constellation

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Company

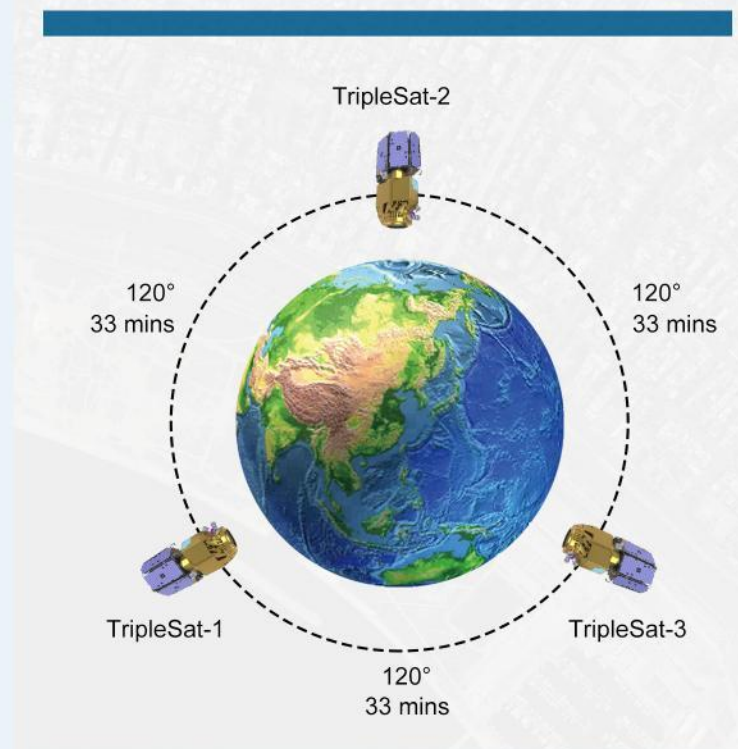
21AT (Twenty First Century Aerospace Technology Co., Ltd.) is the first commercial Earth Observation satellite operator in China.

Specifications

Launch time	July 10, 2015
Satellite orbit	Sun-synchronous Altitude: 651km LTAN: 10:30am
Resolution	Panchromatic: 0.8m (nadir) Multispectral (R, G, B, NIR): 3.2m (nadir)
Swath	24 km
Digitisation	10 bits
Off-nadir capability	+/- 45 degrees
Lifetime	7 years
Image file format	GeoTIFF/TIFF

Key Features

21AT has acquired three <1m GSD satellites in a constellation that makes it possible for targeting anywhere on the earth once per day for dependable imagery data services.



	Default Value	In Orbit Test
SNR	All bands > 100:1	145 - 230
MTF at Nyquist	Panchromatic: 10%	Panchromatic: 17.3% - 20.6%
	Multispectral: 20%	Multispectral: 24.3% - 39%

Contact

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