DEFENCE AND SPACE
Intelligence

TripleSat

Helsinki, Finland

AIRBUS
TripleSat is a very high-resolution (80cm) satellite that provides a daily revisit and a highly reactive service. The three identical satellites are 120° apart around the same orbit and are able to target daily any point of the earth with a limited incidence angle.

**Features**

- Three identical very high resolution satellites (0.8m resolution),
- Daily access to any target on Earth with incidence angle lower than 35 degrees,
- 24/7 responsive operation services.

**Benefits**

- Capacity to cover large areas in very high resolution,
- Intensive monitoring.

**Technical specifications**

- **Number of satellites**: Constellation of three identical satellites
- **Launch**: July 10, 2015
- **Revisit capacity**: Daily, everywhere (35° off-Nadir)
- **Product resolution**: Panchromatic 0.8m
- **Geolocation accuracy**: <50m CE90 at Nadir
- **Spectral bands**: Blue, Green, Red, Near Infrared for all acquisitions
- **Swath**: 24km at Nadir
- **Pointing agility**: ± 45°
- **Mission Lifetime**: Minimum of 7 years
- **Dynamic Range at acquisition**: 10bits
- **Orbit**: Sun-synchronous, 10:30 a.m. ascending node, 651km altitude
- **Acquisition capacity**: 600,000km²/day