

WorldView Legion

Designed and built by Maxar Technologies, WorldView Legion is the next generation of VHR optical satellites. Launching in 2021, the WorldView Legion constellation will contain six high-performance satellites that deliver continuity for existing customer missions and dramatically expand revisit over high-interest areas to better inform critical, time-sensitive decisions.



29 cm VERY HIGH RESOLUTION

The highest resolution satellite imagery in the world



HIGH ACCURACY

Predicted <5 m CE90 without ground control point



15 DAILY COLLECTION OPPORTUNITIES

No longer will users need to choose between frequency and image quality

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Specifications

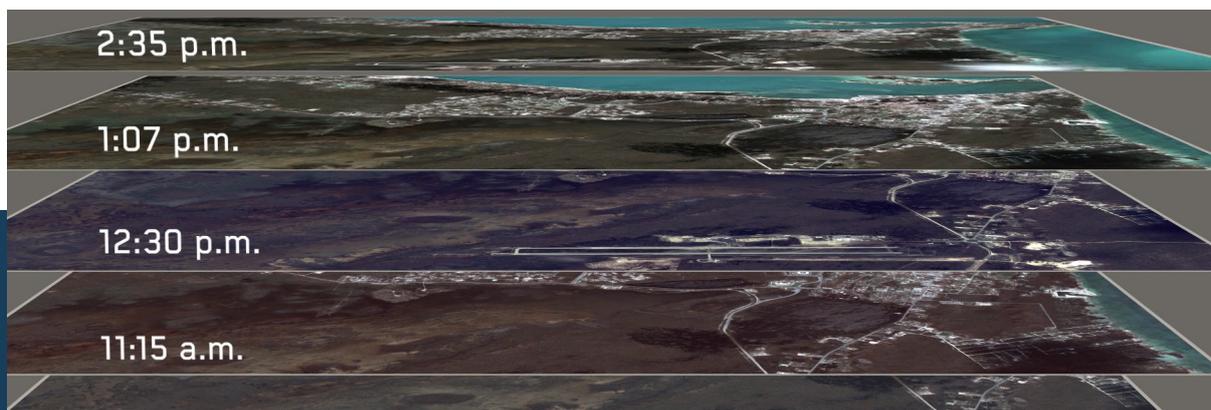


Orbit	<ul style="list-style-type: none"> Altitude: 450 km Type: Mid-inclination and sun-sync
Life	10 years expected service life
Swath Width	At Nadir: 9 km
Sensor Bands	<p>Panochromatic 450 - 800 nm</p> <p>8 Multispectral Coastal: 400 - 450 nm Red: 630 - 690 nm Blue: 450 - 510 nm Red Ed.-1: 695 - 715 nm Green: 510 - 580 nm Red Ed.-2: 730 - 750 nm Yellow: 585 - 625 nm Near IR: 780 - 920 nm</p>
Resolution	<p>Panochromatic 4 Multispectral</p> <p><u>Off Nadir Angle (ONA)</u></p> <p>0° ONA: 0.29* m 0° ONA: .48 m</p>

* Best possible resolution from constellation

Benefits

- High capacity in various collection modes
- Optimised and flexible collection planning
- Direct downlink to German antenna for near real-time delivery



About European Space Imaging

Based in Munich, Germany and established in 2002, European Space Imaging is the leading premium supplier of global very high resolution (VHR) satellite imagery and derived services to customers in Europe and North Africa.

With almost 20 years' experience, European Space Imaging has developed a reputation for expert and personalised customer service and an unbeatable track record for supplying tailored very high resolution imagery solutions to meet the diverse projects and requirements of their customers.

Furthermore, European Space Imaging is the only European satellite data provider to supply imagery at true 30 cm resolution and who own and operate its own multi-mission ground station for direct satellite tasking and local data downlink.