**EUSI**
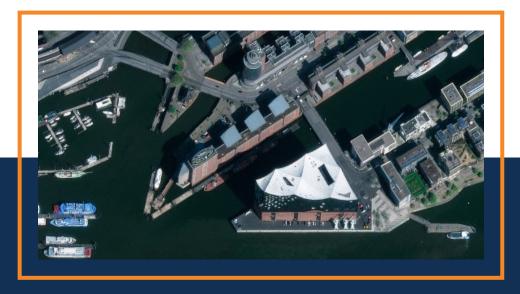
# GeoEye-1

Launched in 2008, the GeoEye-1 satellite is equipped with some of the most advanced technology ever used in a commercial remote sensing system. Operating at an expected altitude of 681 km, GeoEye-1 provides 41 cm panchromatic resolution and 1.65 m multispectral resolution. Utilising GeoEye-1, European Space Imaging currently offer customers stereoscopic collection on a single pass (synoptic) collection ensuring continuity and consistency of image quality.



### COLLECTION CAPACITY
Ability to image 350,000 km² daily with a 2.6 day revisit rate at 30˚ off-nadir or less

### ACCURACY
5 m CE90, 3 m CE90 (measured)

### CONTIGUOUS AREA COLLECTED
Mono: 45 km x 112 km (3 strips)
Stereo: 15 km x 112km (1 pair)

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## Specifications

| | |
|---|---|
| **Orbit** | • Altitude: 681 km<br>• Type: SunSync, 10:30 am descending node<br>• Period: 98 minutes |
| **Dynamic Range** | 11-bits per pixel |
| **Swath Width** | At Nadir: 15.3 km |
| **Sensor Bands** | **Panochromatic**<br>450 - 800 nm<br><br>**4 Multispectral**<br>Blue: 450 - 510 nm<br>Green: 510 - 580 nm<br>Red: 655 - 690 nm<br>Near IR: 780 - 920 nm |
| **Resolution** | **Panochromatic**    **Multispectral**<br>ONA*             ONA*<br>0˚ ONA: 0.41 m    0˚ ONA: 1.65 m<br><br>* Off Nadir Angle (ONA) |

## Features

• 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 (EUSI)

Based in Munich, Germany and established in 2002, EUSI is the leading premium supplier of global Very High Resolution (VHR) satellite imagery and derived services such as 3D products, vector derivatives and analytic tools to customers in Europe and North Africa.

Through their longstanding partnership with Maxar Technologies, they were the first European company to bring 30 cm resolution satellite imagery to the EU market. Today, EUSI has access to satellites at resolutions 30 cm – 1 m and a combined daily revisit of close to 10 times a day in panchromatic, multispectral, hyperspectral and video.