

RapidEye

RapidEye is a geospatial information provider focused on integrating customized solutions into the workflow of global customers in agriculture, forestry, energy, security and related markets.

By mid 2008, RapidEye will launch a constellation of five identical Earth observation satellites to support this core business.

At Your Service Where and When You Need It

RapidEye can quickly and reliably deliver multi-temporal data sets in high resolution, making us unique within the industry. By collecting and delivering large areas of interest in near real time, RapidEye assures maximum value for your applications.

Three levels of Standard Image Products will be available for purchase in large quantities to organizations equipped to handle their own imagery interpretation; in a format that will easily integrate into any GIS system.

Unparalleled Capabilities

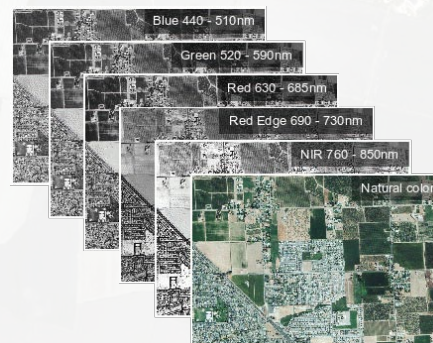
Having an unrivaled combination of large-area coverage, frequent revisit intervals, high resolution and multi-spectral capabilities gives RapidEye an advantage.

The RapidEye satellite system can:

- > image more than 4 million km² of Earth **daily**
- > reach any point on Earth **daily**
- > produce imagery with **5 Meter** pixel size
- > collect imagery in five spectral bands: **Blue, Green, Red, Red-Edge** and **Near Infrared**. RapidEye's satellites are the first commercial satellites to offer the Red-Edge band, which measures variances in vegetation, allowing for species separation and monitoring vegetation health.



5 Satellites



5 Bands

Options To Suit Your Individual Needs

Depending on the task at hand, three different levels of RapidEye Standard Image Products will be commercially available. Atmospheric correction can be applied as an option to any of these levels.

	Level
1	Sensor-Level Product – Radiometric sensor corrections applied to the data. On-board spacecraft attitude and ephemeris applied to the data.
2A	Systematic Geo-corrected Product – Radiometric sensor corrections applied to the data, but no ground control points are used for positional accuracy. Images are map-projected (North facing).
3A	Orthorectified Product – Radiometric sensor corrections applied to the data. These products have been orthorectified using a DTED Level 1 SRTM DEM or better. With appropriate ground control, these images can attain an accuracy of 6 m 1-sigma (12.7 m CE90). The highest accuracy achieved by these products will meet 1:25,000 NMAS standards.

Standard Image Product Specification

	Specification
Spectral Bands	Blue 440-510 nm
	Green 520-590 nm
	Red 630-685 nm
	Red Edge 690-730 nm
	NIR 760-850 nm
Ground Sampling Distance (Nadir)	6.5 m
Pixel Size (orthorectified)	5 m
Swath Width	77 km
Revisit Time	DAILY
Equator crossing time	11:00 a.m. (approximately)
Image Capture Capacity	4 Million km ² DAILY



5m Pixels

How Can RapidEye Work With You?

RapidEye's international team of specialists are ready to assist by providing any combination of products, services or consulting solutions. Contact RapidEye today and find Sales Representatives ready to meet and discuss what solutions fit best your needs.

Get started now to create a competitive advantage and new possibilities for you and your organization.

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