

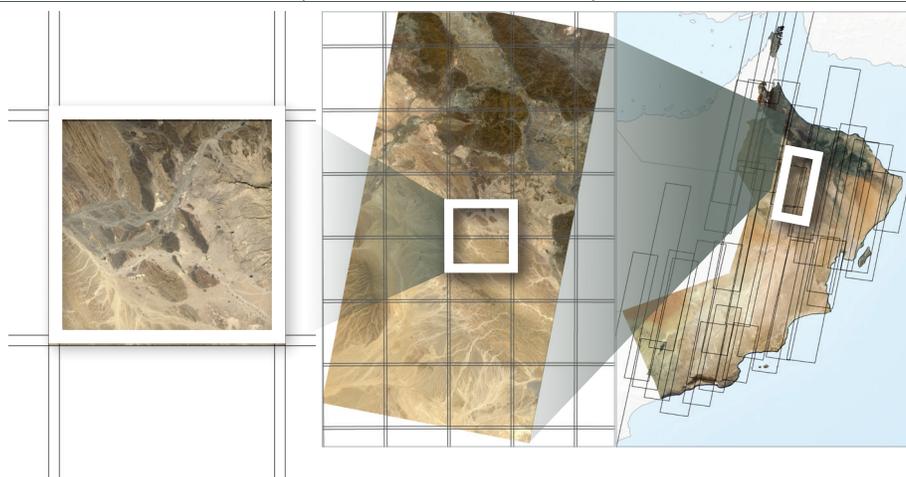


Ortho Suite

Image Products at a Glance

The RapidEye Ortho Suite offers orthorectified image products that are designed to meet your needs, from change detection to topographic mapping. The chart below illustrates the technical highlights of the three RapidEye Ortho products.

FEATURE	PRODUCT		
	3A	3B	RapidEye Mosaics
Image Format	Tiled to RapidEye Tile Grid	Image take cut to AOI	Mosaicked image cut to global grid
Coverage Area per Product	25 x 25 km	77 km wide x up to 150 long	Tiled to 30' x 30' grid
File Size	238 MB	Up to 4 GB	~500 MB/tile
Bundle Adjusted	No	Yes	Yes
Ortho Rectified	Yes	Yes	Yes
Number of Bands	5	5	3
Radiometric Resolution	16-bit	16-bit	8-bit
Color Balanced	No	No	Yes





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3A



RapidEye Ortho Products (3A) are individual 25km by 25km tiles of RapidEye imagery orthorectified for customers who do not want to do their own image processing. Radiometric, sensor and geometric corrections have been applied to the data. The product accuracy depends on the quality of the ground control and DEMs used.

3B



The RapidEye Ortho Take Product (3B) extends the usability of orthorectified RapidEye products by leveraging full image takes and adjusting multiple images together to cover larger areas more accurately with fewer files. Each 3B product is a full swath-width orthorectified image that has been adjusted and trimmed to ensure the accurate placement and complete coverage.

RapidEye Mosaics



RapidEye Mosaics are produced using multiple RapidEye images that cover a country or region with minimal cloud cover. These images are geometrically aligned and orthorectified to ensure precise location. They are uniformly color-balanced using the native red, green and blue bands of the RapidEye satellites to provide a high-quality, natural color image.

For Further Information

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