DigitalGlobe Mosaics

Enhance your product with Vivid, Metro, and Dynamic image layers

When you rely on maps to make decisions about your community or serve your customer base, you need content that meets your requirements. DigitalGlobe mosaics—including Vivid, Metro, and Dynamic—feature our latest innovations in image mosaicking, color balancing, and visual enhancement to provide stunning image layers available off the shelf, plus the flexibility to build on demand to offer the best possible currency.

DigitalGlobe's mosaics provide a stunning, virtually seamless, high-resolution image layer to support mapping, visualization, and analytics. Spend less time processing data and more time perfecting your end product.

Features & benefits

Vivid

- With worldwide coverage and flexible access options for simplified integration, Vivid ensures high-resolution coverage of your AOI.

- Ongoing updates with new imagery supports currency and accuracy.

- Optimal aesthetics provide users a view of the world as they expect to see it.

Metro

- Metro is a premium quality image layer of the most populated areas on Earth, updated each year.

- Predictable delivery and reliable quality supports product consistency—you'll always know when your area will be refreshed with new imagery.

- Access options ensure an integrated solution that fits your workflow.
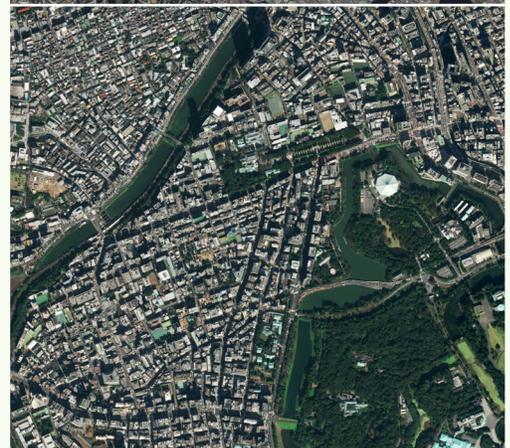
Dynamic

- Dynamic offers on-demand access to our most current, high-resolution image layer of your area of interest.

- Option for quarterly updates ensures you always have the most current view of the ground possible.

- Advanced processing enables rapid production and delivery.

Premium content to meet your needs

At 50cm or better, DigitalGlobe Mosaics offer the clarity needed to:

° Extract building and road features

° Assess use and health of the landscape

° Identify change over time

TOKYO, JAPAN

See across large areas with Vivid (top) or focus on the activity in your city with Metro (bottom)

Specifications

	Vivid *World image layer with optimal quality at a global scale*	Metro *Premium image layer over high-interest areas across the globe*	Dynamic *A current image layer over customer defined areas available on demand*
Coverage	Global	6,000 metro areas	Anywhere, on demand
Product Type	Orthomosaic		
Image Bands	3-band pan sharpened natural color		
Spatial resolution	50cm	3,000 30cm, 3,000 50cm	50cm
Accuracy	<8.5m CE90	<4.2m CE90, <10.2m CE90	<8.5m CE90
Cloud Cover	<5% globally	<3% target; <20% allowed	<5% target
Off Nadir Angle	<30 deg	<30 deg	<30deg
Sun Elevation	>30 deg	>30 deg; >15 deg allowed	>30 deg
Bit depth	8		
Projection/Datum	Geographic/WGS84	Geographic/UTM	Geographic/WGS84
Image Age	Average <30 months	<12 months, <24 months	Best available

Image Layer Updates

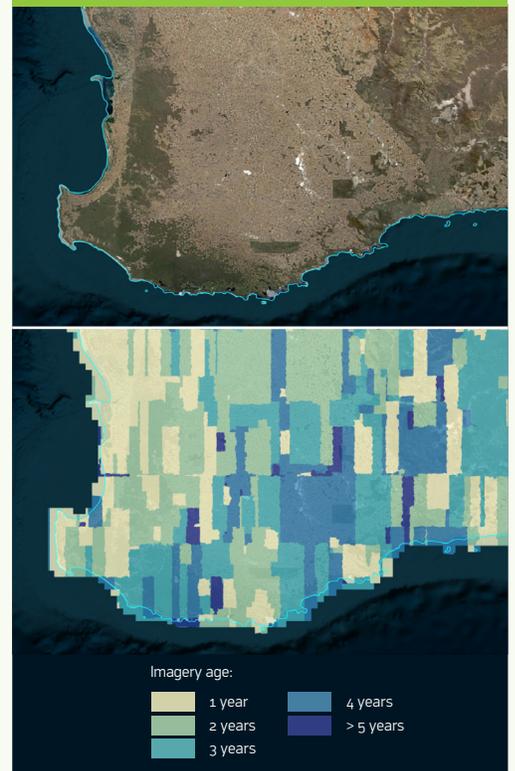|	Vivid	Metro	Dynamic
Updates	Annual areas; Over 50% of the landmass every 1-3 years	Annual	Optional (none, annual or quarterly)
When can I see new images?	Online: as soon as the mosaic is completed Offline: per the delivery schedule		Offline: per the delivery schedule

Delivery Formats

° Vivid: uncompressed GeoTiff

° Metro: uncompressed GeoTiff

° Dynamic: JPEG compressed GeoTiff

On request, individual or bundled mosaics can be formatted as a tile cache.

Access

Access: All mosaics are available for delivery via FTP, AWS S3, or hard drive. Vivid and Metro mosaics are also available as subscriptions with access via MyDigitalGlobe, our ImageConnect plug-in, or web services APIs (WMS, WMTS, WCS, etc)

PERTH, AUSTRALIA

Imagery age:
- 1 year
- 2 years
- 3 years
- 4 years
- > 5 years

See the most current view of the ground with a Dynamic image layer (top), and the vintage map of the Dynamic image layer shows you the collection year of the images used in the mosaic (bottom)