



VIEW-READY (2A) IMAGERY



DATA SHEET

View-Ready (2A) Imagery

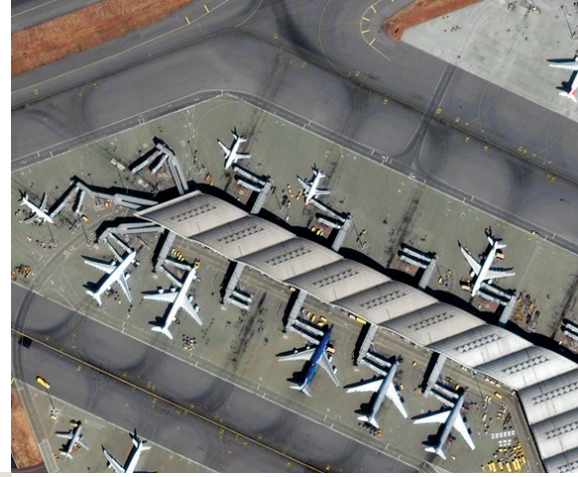
View-Ready Imagery products are designed for users with knowledge of remote sensing applications and image processing tools that require data of modest absolute geometric accuracy and/or large area coverage. They use Maxar's constellation of satellites, which includes QuickBird (archive only), WorldView-1, WorldView-2, WorldView-3 and WorldView-4. Choose from our expansive archive or submit a new collection request. View-Ready Imagery products are available in two varieties: Standard and Ortho Ready Standard.

Features

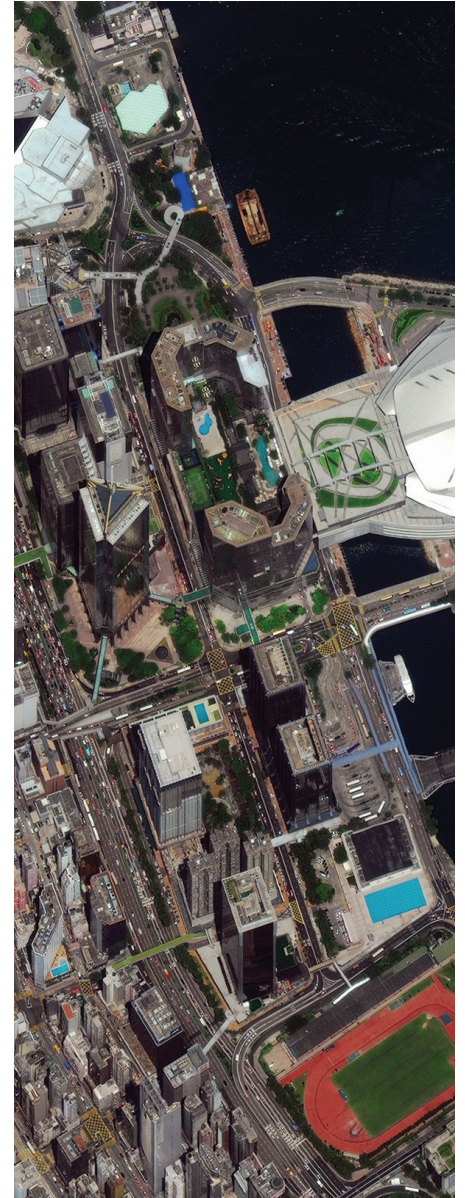
- Georeferenced to a cartographic projection
 - Industry standard projections and datums
- High resolution
 - 30 cm, 40 cm, 50 cm and 60 cm panchromatic, natural color, color infrared or 4-band pan sharpened
 - 1.6 m–2.4 m multispectral
- Large image swath collection size
 - 16.4 km–18.0 km width at nadir
- Small minimum order size
 - 25 sq km—archive
 - 100 sq km—tasking
- Superior image classification and analysis
 - 11-bit digitization (up to 2,048 levels of gray scale)
 - Discrete non-overlapping spectral bands
- Open systems
 - Compatible with commercial software providers
 - Popular image file formats
- HD processing is available

Benefits

- Locate features in map coordinate space
- Identify features, create maps and detect changes from recent global imagery at the highest resolution possible from commercial imaging satellites
- Flexible options—Standard Imagery is normalized for topographic relief and Ortho Ready Standard Imagery is ready for users to orthorectify
- Purchase only the coverage needed for your project and budget
- Improve feature classification and identification in dark or bright areas such as building shadows or snow and perform more flexible image enhancement
- Get your project up and running quickly and easily based on standard map projections and formats
- Can be acquired directly from a new collection request, offline delivery or via your SecureWatch subscription



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Specifications

VIEW-READY (OR2A) IMAGE STRIPS	
Product characteristics	Description
COORDINATE SYSTEM	
Coordinate system	Map-projected
Orientation	Map-North up
Map projection and datum options	Geographic & UTM
PRODUCT OPTIONS	
Panchromatic GSD	30 cm, 40 cm, 50 cm, as collected
Multispectral	1.2 m, 2 m, as collected
Off-Nadir Angle (ONA)	>30 degrees (customer requested)
Seasonality	Customer requested
Bits per pixel	8 or 16
Dynamic Range Adjustment (DRA)	Customer requested
AComp (Atmospheric Compensation)	N/A
ACCURACY	
Absolute geolocation	10.2 m CE90
RADIOMETRY	
Radiometric options	Calibrated (5%) DRA (color corrected; color enhancement only if also color-corrected); pan-sharpend
Relative radiometric accuracy (calibrated)	+/-1%
Pan-sharpening algorithm options	N/A
Pan-sharpening	Available
Bits per pixel	8 or 16
PROCESSING & DELIVERY OPTIONS	
Image bands	4 band
Resampling options	2x2 bilinear of source with HD technology applied
Format options	GeoTIFF
Compression options	Lempel-Ziv-Welch compression algorithm (LWZ)
Delivery options	FTP
Tile size (pixel-based)	32kx32k
PRODUCT DESCRIPTION	

View Ready (OR2A) products are radiometric, sensor, and geometric corrected to a cartographic projection. The View-Ready (OR2A) product has been processed to create an orthophoto or stereo products to extract features.

DELIVERABLES

View-Ready products are ordered by area, with a minimum purchase of 25 sq km for archive or 100 sq km tasking orders, up to a maximum of 10,000 sq km per order.

DELIVERY METHODS

- Media delivery: DVD
- Media delivery: external HD
- Web-based delivery: FTP
- SecureWatch

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