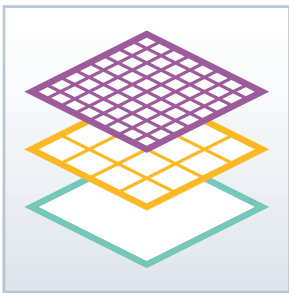




Advanced Ortho Series



The WorldView Global Alliance Advanced Ortho series provides unparalleled coverage, speed, accuracy and aesthetics – so you can get the best quality orthos you need, faster and easier than ever before. And it makes workflow integration truly effortless without any additional image processing or manipulation needed.

We offer two product lines differentiated by aesthetics, and three options for accuracy within each line, to ensure your imagery needs are met:

OrthoVision line – for professional users who need quality images for analysis and identification. Worldwide coverage; high throughput and expedited turnaround for large areas.

OrthoVision Premium line – for users who need the best visual appeal available. Highly processed for superior aesthetics. Many areas such as major world cities are available off-the-shelf.



QuickBird



WorldView-1



WorldView-2



Aerial

PRODUCT OPTIONS	STANDARD AESTHETICS	SUPERIOR AESTHETICS
25.4 m CE90%	Ortho Vision – Display	Ortho Vision Premium – Display
10.2 m CE90%	Ortho Vision – Mapping	Ortho Vision Premium – Mapping
2.7 m - 5.3 m CE90%	Ortho Vision – Precision	Ortho Vision Premium – Precision

BENEFITS

Superior Coverage

We maintain the largest high-resolution imagery archive in the world, supplying you with relevant imagery, information and insight. With a satellite constellation capable of collecting up to 1.5 million km² per day, we can capture roughly 3 times the Earth’s landmass each year.

Faster Delivery

Higher throughput and faster turnaround time allow for mass deliveries of Ortho products in as little as 2 days. World-class processing capabilities active 24/7/365.

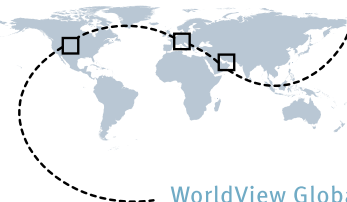
- Vision - can process an area equivalent to the size of Egypt per day
- Vision Premium – can process an area equivalent to Costa Rica per day

Finest Quality

Our Advanced Ortho Series leads the industry in image quality:

- Higher Resolution – for the finest detail available
- Industry-Leading Accuracy – allows precise measurements and uniformity and consistency with other datasets
- Premium Aesthetics – little or no cloud cover, haze, snow; geometric breaks minimized; seasonally consistent; radiometrically and tonally balanced; enhanced color contrast, clarity and sharpness; seamless feathered cutlines
- Replicable and automated processing –ensures each product has the proper attributes and metadata

* All imagery is resampled to .50 and 2.0 to comply with U.S. Regulation.



WorldView Global Alliance™ delivers geospatial content the way you want it, when you want it. We provide clearer, more accurate visual perspectives for spatial applications and decisions.





Advanced Ortho Series

SPECIFICATIONS

PARAMETERS	VISION	VISION PREMIUM
Product Options	Panchromatic, Natural Color, 4-band (Pan-sharpened, Multispectral or Bundle), 8-band (Multispectral or Bundle) and Color IR <i>Precision Aerial available in Natural Color or Color IR only</i>	
Resolution	50 cm, 60 cm	50 cm, 60 cm, 30 cm aerial
Bit Depth	8 bit	
Customer Framing	Area-based	
Resampling Kernel	Enhanced (natural color) or MTF (panchromatic)	
File Format	GeoTIFF 1.0, NITF 2.1, NITF 2.0	
Mosaic	Yes if applicable	
Dynamic Range Adjustment	ON	
Color Balancing	Optional for mosaics	Required for mosaics
Projections & Datums	Any supported datums and projection	
Tiling	8k x 8K (default) other options available	
Delivery Time	2 - 3 days*	3 - 5 days* (many areas available off-the-shelf)

ACCURACY SPECIFICATIONS	DISPLAY	MAPPING	PRECISION SATELLITE	PRECISION AERIAL
CE 90%	25.4 m	10.2 m	4.2 m	2.7 m - 5.3 m
RMSE	16.5 m	6.6 m	2.8 m	1.8 m - 3.5 m
Geographic Availability	Worldwide	Worldwide	Worldwide	US & Europe

AESTHETICS SPECIFICATIONS	VISION	VISION PREMIUM
Cloud Cover	Up to 20% for the AOI	Less than 3%
Haze, Pollution & Fog	Allowable	None or Scarce
Snow	Allowed	Only persistent allowed
Tonal Balancing	Optional; If requested, optimal results may not be achieved	Required; input imagery is seasonally consistent
Geometric Breaks	Allowable up to one half the product CE90	Minimized
Cutline Placement	Automated, visible radiometric breaks are allowable	Seamless

*Delivery times based on areas smaller than 1500 km². Larger areas will be delivered within 5 days for Ortho Vision and within 10 days for Ortho Vision Premium.

DELIVERABLES

Advanced Ortho products can be acquired directly from the WorldView Global Alliance Archive or with a new collection request. Ortho products are ordered by area, with a minimum purchase of 100 km² and a maximum of 10,000 km² per order. Products are delivered on your choice of standard digital media with Image Support Data files including image metadata.

DELIVERY METHODS



MEDIA DELIVERY: DVD, FIREWIRE



WEB-BASED DELIVERY: FTP



CLOUD SERVICES