



HOLISTIC IMAGING™

VISUALIZE THE WORLD

UnlimitedOrtho™

PRODUCT DATASHEET



UNLIMITED
ORTHO

UnlimitedOrtho™ in combination with Geoverse MDM offers revolutionary product features that include:

SEE ALL YOUR DATA	See up to 140TB of Orthophotos, all at once in ultra high resolution; no need to chop your data into pieces.
INSTANT ACCESS	Load any size model in less than a second, direct from the hard drive using a standard laptop.
COMBINE DATASETS	Overlay orthophotos with Digital Surface Models (DSM) for a better quality assessment of the data
VECTOR DATA	Overlay your data with vector data (seamlines, cadastral boundaries, etc.)
CENTRAL STORAGE	Place your data in one place on the network and stream simultaneously to multiple users; no need to copy onto every computer.
INTERNET ACCESS	Access your data thousands of kilometres away from the central storage
COMMUNICATE IN 3D	View spatial concepts in 3D as if you're standing there; fly through camera controls allow easy viewing and measuring.
ACCURATE MEASURING	Take measurements at the precision of the data set and display data on base maps.
EASY TO USE INTERFACE	User friendly 'drag and drop' interface.
RUN ON A BASIC LAPTOP	No need for special hardware or super-computers.
SIMPLE INTEGRATION	Overlay data onto base maps, including OpenStreetMap and Bing Street, Aerial & Hybrid Maps.
REAL-TIME ACCESS	Visualise all your data in real-time without the need for lengthy offline renders.

INPUT DATA SPECIFICATIONS

IMAGE DATA FORMATS	Full resolution RGB GeoTIFF with option for 8bits and 16bits*
ITRES DATA	36 channels GeoTIFFS with option for 8bits and 16bits*
DSM DATA FORMATS	GeoTIFF with option for 8bits and 16bits*
GEOREFERENCE	tfw files
VECTOR DATA FORMATS	Dxf (2d polylines and text)

OUTPUT DATA SPECIFICATIONS

IMAGE DATA	UDS file format
DSM DATA	UDS file format
VECTOR DATA	UDS file format

*16bits images will be resampled to 8bits images for visualization

Technical requirements for UnlimitedOrtho® 1.1

Minimum System Requirements

Computer Processor (CPU): 64bit 1.5 GHz Computer Memory (RAM): 1 GB Hard Disk (HDD): 1.5gb available space, 5400 rpm Graphics Card (GPU): DirectX 9 Compatible Operating System (OS): Window XP SP2

Recommended System Requirements

Computer Processor (CPU): 64bit 3.0 GHz Quad Core Computer Memory (RAM): 2 GB Hard Disk (HDD): 2TB 7200 rpm Graphics Card (GPU): DirectX 9 Compatible Operating System (OS): Windows 7