

Ortho Imagery

Seamless access to high-resolution images provides an accurate real-world view directly from the desktop



IHS provides nation-wide, seamless access to Valtus imagery. Easily incorporate high-resolution, true color, photographic images into your E&P workflow to get a real-world view of the field directly from your desktop.

Ortho Imagery from Valtus ranges from 20 inch (0.5 meter) to 40 inch (1 meter) resolution. They are true color ortho-rectified images that offer a detailed topographic understanding of any area of interest.

Unlike other imagery providers, **Valtus directly serves the needs of the oil and gas industry** by acquiring imagery in remote areas and continually expanding its coverage based on drilling activity. Users gain insights into play development, health and safety requirements and infrastructure issues.

Access to this detailed information allows users to see pipeline right-of-ways, facility boundaries, roads, lakes and streams and more. Images are scalable (to a uniform scale for consistency across the country) so you can accurately measure and print nearly any size map.



Here's a view in South Texas of multiple rig activity.

Benefits of Ortho Imagery over standard aerial photography and satellite imagery

Ortho Imagery:

- Is fully rectified to the terrain surface model, giving the images a uniform scale to allow for accurate measurement of position, distance, and angle.
- Is not subject to the same displacements – cloud cover, nadir angle and poor resolution – as typical surface imagery. It has been adjusted for topographic relief, lens distortion and camera tilt.
- Combines the quality of a high-resolution aerial photographs with the geometric functionality of a map – they are accurate, photographic base maps.

Information Collection & Currency

- A dedicated fleet of aircraft gathers the photographic imagery.
- Information is updated on a continual basis.

Available for the IHS Regional Subscription Areas

IHS is the exclusive reseller of Valtus Ortho Imagery to the Oil and Gas Industry in the U.S.

- Kansas-Texas 10-Oklahoma Panhandle Region
- Northeastern Region
- Northern Louisiana-Arkansas Region
- Oklahoma Region
- Permian Basin Region
- Rocky Mountains North Region - Montana, North and South Dakota and Nebraska
- Rocky Mountains South Region - Wyoming, Colorado, Utah, Nevada, Idaho, Arizona and most of New Mexico (not including the Permian Basin region)
- Southeastern Region
- Southern Louisiana Region
- Texas 1-4 Region
- Texas 5, 6, 9 and 7B Region
- West Coast/Alaska Region



East Texas view in the Haynesville area including numerous well pads and facilities.

Delivery

Does your organization use surface imagery across numerous platforms? Valtus imagery is:

- On-line and ready to use in IHS PETRA® and IHS AccuMap® (for MT, ND and WY).
- For use in most off-the-shelf, WMS-enabled GIS applications, and other third party applications.

Proprietary Information Storage

If you already have your own imagery data, Valtus also offers an optional service to store your proprietary imagery and deliver it alongside your subscription imagery in a proprietary Vault. This service eliminates your overhead infrastructure and maintenance costs to store, manage, update and deliver your proprietary imagery.

For more information:

Sign up for a free 30-day trial at:

www.ihs.com/OrthoImagery



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