

The Spatial Data Store makes accessing the largest off-the-shelf database of LiDAR in North America easy and cost-effective. The LiDAR data is available to order by uploading a shapefile. Using the “Search by Shapefile” option in the Valtus Store, allows you to “clip” the data to your specific Area of Interest. The minimum order when ordering by shapefile is 1 square kilometer or \$440 and there are volume discounts applied. For more information, please consult the pricing matrix within the [LiDAR FAQ](#) document.

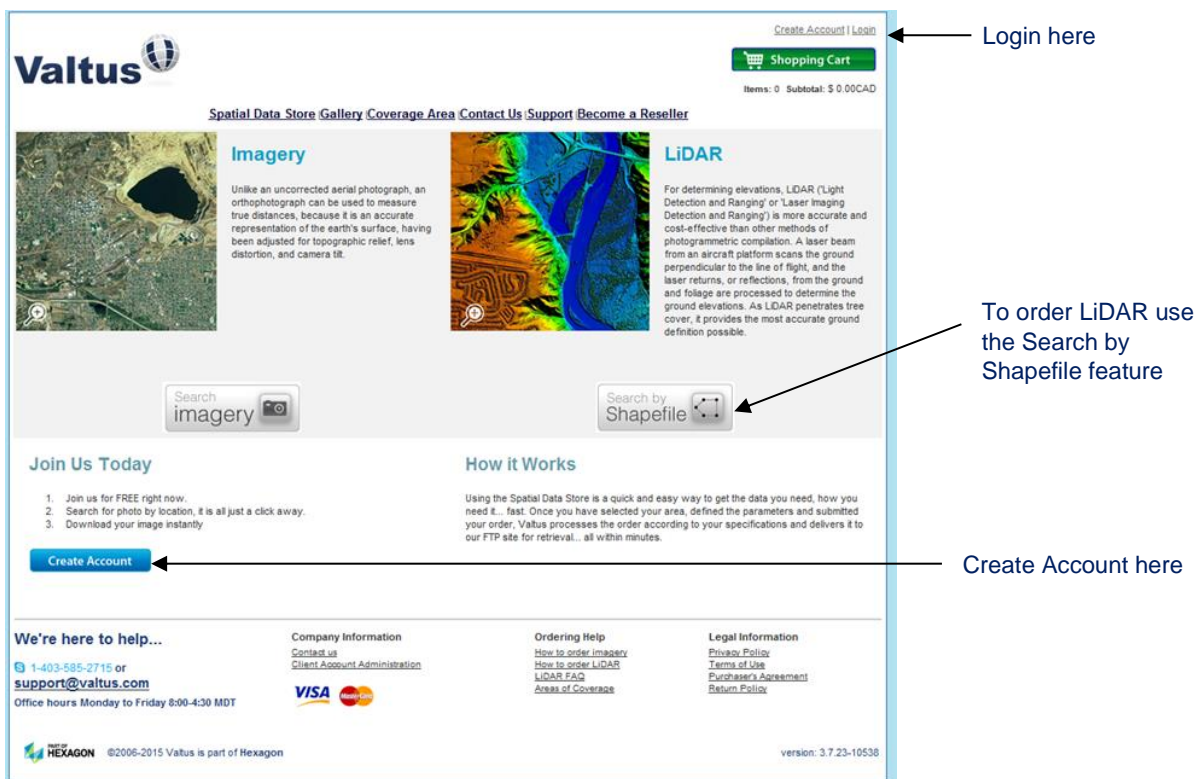
To access the LiDAR store, go to the Valtus home page (www.valtus.com), click the STORE tab (on the top menu bar) and if you already have a Valtus account, click on the Login link in the top right-hand corner.

** Your Valtus account administrator can grant access if your user account has not been enabled to support LiDAR purchases. Or see the Valtus Client Account Administrator’s help document.*

If you do not have an existing account, click on the “Create Account” link and follow the steps to set up an account. Accounts are defined as either Credit Card or Business accounts.

**Please note that Business Accounts are reserved for those customers who will spend \$5,000 or more annually. Business accounts are normally activated within 3-5 business days.*

To log-in, enter your email address and password and press the “Login” button.



Valtus [Create Account | Login](#) [Shopping Cart](#)
 Items: 0 Subtotal: \$ 0.00CAD

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Imagery
 Unlike an uncorrected aerial photograph, an orthophoto can be used to measure true distances, because it is an accurate representation of the earth's surface, having been adjusted for topographic relief, lens distortion, and camera tilt.

LiDAR
 For determining elevations, LiDAR (Light Detection and Ranging' or 'Laser Imaging Detection and Ranging') is more accurate and cost-effective than other methods of photogrammetric compilation. A laser beam from an aircraft platform scans the ground perpendicular to the line of flight, and the laser returns, or reflections, from the ground and foliage are processed to determine the ground elevations. As LiDAR penetrates tree cover, it provides the most accurate ground definition possible.

[Search imagery](#) [Search by Shapefile](#)

Join Us Today
 1. Join us for FREE right now.
 2. Search for photo by location, it is all just a click away.
 3. Download your image instantly

[Create Account](#)


How it Works
 Using the Spatial Data Store is a quick and easy way to get the data you need, how you need it... fast. Once you have selected your area, defined the parameters and submitted your order, Valtus processes the order according to your specifications and delivers it to our FTP site for retrieval... all within minutes.

We're here to help...
 1-403-595-2715 or support@valtus.com
 Office hours Monday to Friday 8:00-4:30 MDT

Company Information
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[Client Account Administration](#)

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[How to order imagery](#)
[How to order LiDAR](#)
[LiDAR FAQ](#)
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Ordering LiDAR Data

- Order LiDAR through uploading a shapefile by selecting “Search by Shapefile”.



The screenshot shows the Valtus website's ordering interface. At the top left is the Valtus logo. To the right, there is a user account link "your_name@valtus.com | Logout" and a green "Shopping Cart" button. Below these are navigation links: "Spatial Data Store", "Gallery", "Coverage Area", "Contact Us", "Support", and "Become a Reseller". The main heading is "Order by Shapefile (minimum pricing in effect)". A note states: "* The shapefile **MUST** be **POLYGON without holes** and, a projection of **NAD83 UTM Zone 10, 11, or 12**". On the left is a 3D terrain visualization. The main form includes: "Select a data set to order:" with radio buttons for "LiDAR" (selected) and "Imagery"; "Select a POLYGON shapefile for upload:" with a "Browse..." button and the filename "Lidar_order_utm11.shp"; "Select the shapefile's projection:" with a dropdown menu set to "UTM Zone 11 - NAD83"; "** Select the output format(s):" with a list box containing "Surfer binary grid", "Hillshade JPEG", "Hillshade TIFF", and "Hillshade GEOTIFF" (selected); "Select the output surface:" with a dropdown menu set to "Full Earth"; and an "Upload and Preview" button. A pricing note on the right states: "** Pricing: Single product full price, second product 70% discount, third product 75% discount, fourth+ 80% discount. Volume (sq km) discounts also apply." Three callout boxes with arrows point to the "LiDAR" radio button, the "Browse..." button, and the "Hillshade GEOTIFF" selection.

- Under “Select a data set to order” choose LiDAR.
- Click on the “Browse” button to upload your shapefile. Navigate to your shapefile and click “Open”.
**Note that only the .shp file is to be uploaded.*
- Select the shapefile’s projection from the drop-down list.
- Select your desired output format. If you would like to order multiple formats, press and hold your Ctrl button while you select the additional formats.
- Select the surface type you wish to receive from the drop-down menu – Full Earth, Bare Earth or both.
- Select “Upload and Preview” to preview your order.

- A Preview Window appears showing the outline of your shapefile and the LiDAR tiles that it intersects. You can select or de-select any of the LiDAR tiles. Once you are satisfied with your order, press the 'check-out' button to place your order.

Preview window

Shapefile outline

List of LiDAR tiles in your search area

*Legend	Product	Tile	Acquisition Date	Number of Products	Price	Buy
	North West Geomatics LiDAR	Z11_0662E_05782N	01-Jan-2009 to 31-Dec-2009	1	\$965.43	<input checked="" type="checkbox"/>
	North West Geomatics LiDAR	Z11_0662E_05784N	01-Jan-2009 to 31-Dec-2009	1	\$794.57	<input checked="" type="checkbox"/>

- Please make sure to verify that your email address is correct. To change your email press the "update" button to enter your new email address. Also, please confirm your Bill To information and if desired you can enter a Project Number for your reference.
- To finalize your order, read the Purchaser's Agreement for important licensing terms and then check the "I have read and accept the terms of the Purchasers Agreement" box and then click the "submit order" button. You will see a receipt for your order. **We highly recommend that you print a copy of this receipt by using the link located at the bottom left of the page.*

Confirm your email, update if necessary

Enter a reference number (optional)

Read and accept the Purchaser's Agreement

review your info & pay

How do we contact you

A valid email address is required so we can correspond with you regarding your order.

Email Address : your.name@valtus.com

Your Order

Bill To

Your Name
Your Address
Your phone number

Project Number

Project Number :

Items in Cart

sku	Item	Location	Reg. Price	Total
LDAR	North West Geomatics LiDAR	Z11_0662E_05784N	\$ 794.57	\$ 794.57
LDAR	North West Geomatics LiDAR	Z11_0662E_05782N	\$ 965.43	\$ 965.43

Payment Method

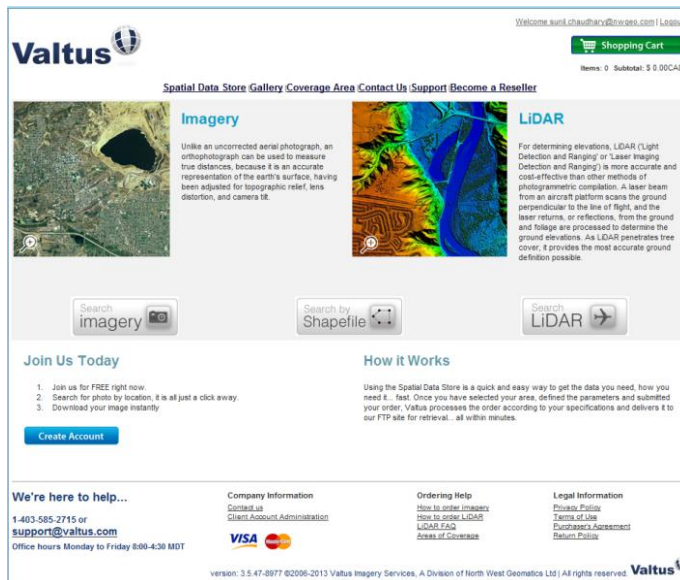
Demo Billing

I have read and accept the terms of the [Purchaser's Agreement](#)

Order Summary

Sub-total: \$ 1760.00
GST: \$ 88.00
Total: \$ 1848.00

- Your order is now submitted. You will receive an order confirmation email and once your order is ready for download you will receive a second email providing instruction of how to access your file(s).
- You can also download your files directly from the Valtus Store. To access your order, click on the “Welcome_’your email address” link located in the upper-most right hand corner of the page and click on “Download Your Files”. Click on the appropriate order link and save the file to your computer or network.



← Download files from Valtus

The Valtus Technical Support Team is here to help. Should you require assistance or would like additional information, please email us at support@valtus.com.