



Can-Learn



Cansel Satellite Imagery Ordering Platform

Search by location or coordinates...

117 Results [List](#) [Date Desc](#)

Satellite	Resolution	Coverage	Date	Order Type
PlanetScope	3.00m	4.50°	Feb 6, 2025	MULTISPECTRAL
WV-2	0.46m	23.76°	Feb 1, 2025	MULTISPECTRAL
WV-3	0.30m	18.34°	Dec 21, 2024	MULTISPECTRAL

PlanetScope
3.00m
0.00%
Apr 24, 2025
12:08 PM (Local)

20250424_160850_90_24e9
0.90°
MULTISPECTRAL
4 bands
2025-04-24T16:08:50.907916Z
No

Add to Cart

Getting started



Search by location

Enter the address of the area of interest



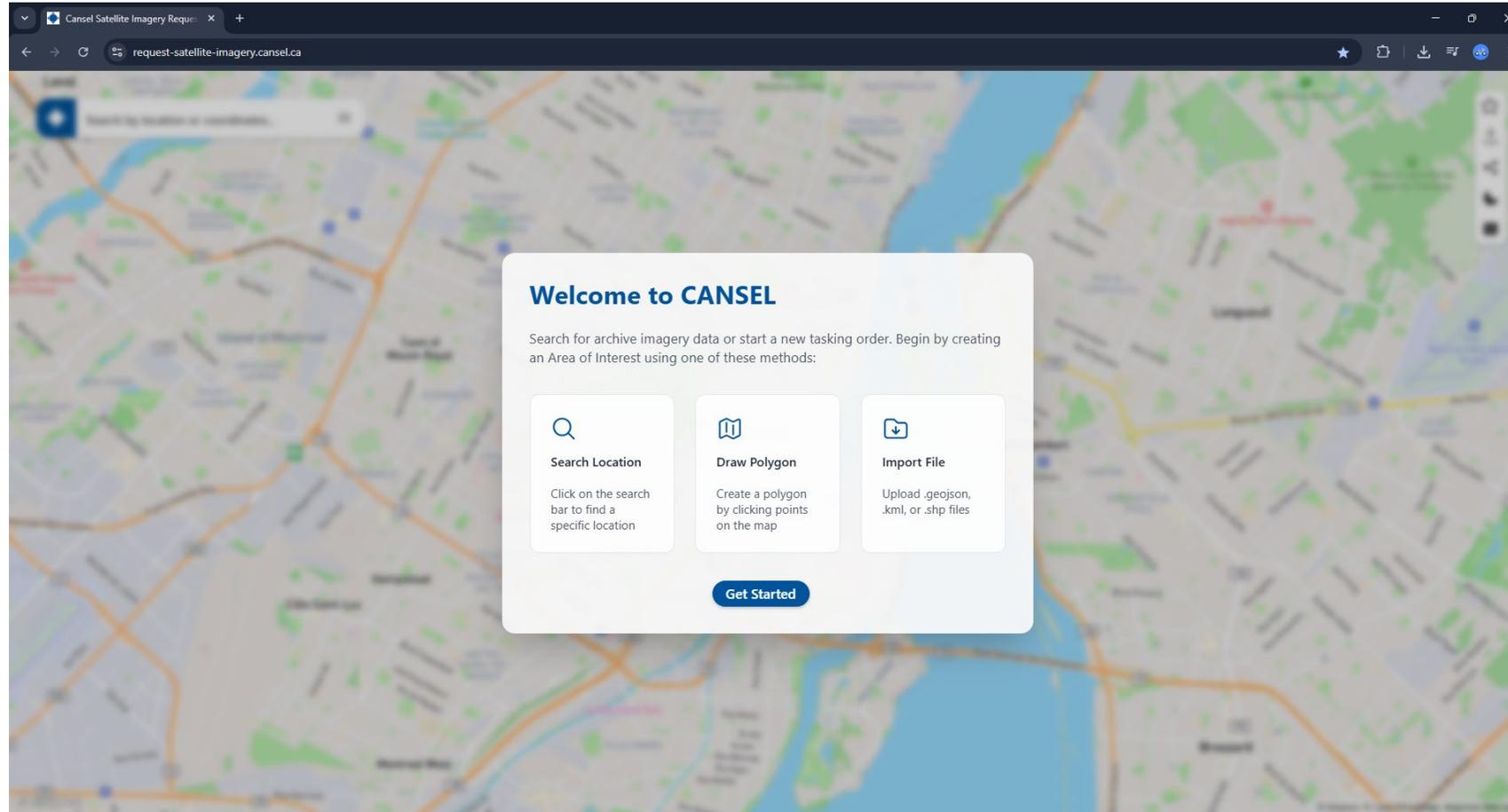
Draw a polygon

Create a polygon over the map to get your area of interest



Import a file

Upload commonly used spatial file formats such as .kml, .geojson or .shp



You have all same options once in the web interface



Draw a polygon

Create a polygon on the map to get your area of interest



Import a file

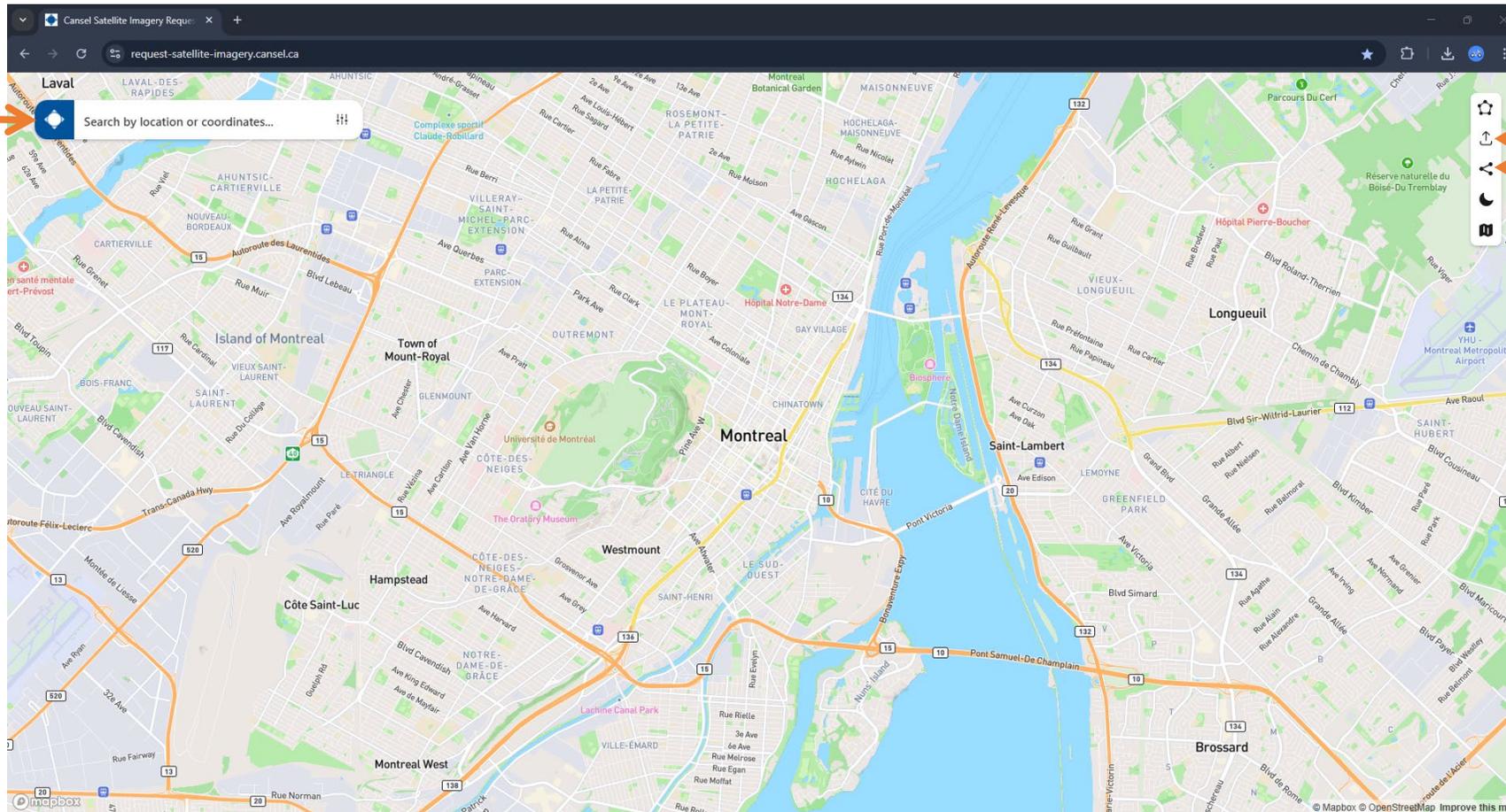
Upload commonly used spatial file formats such as .kml, .geojson or .shp

**Importing a shapefile*



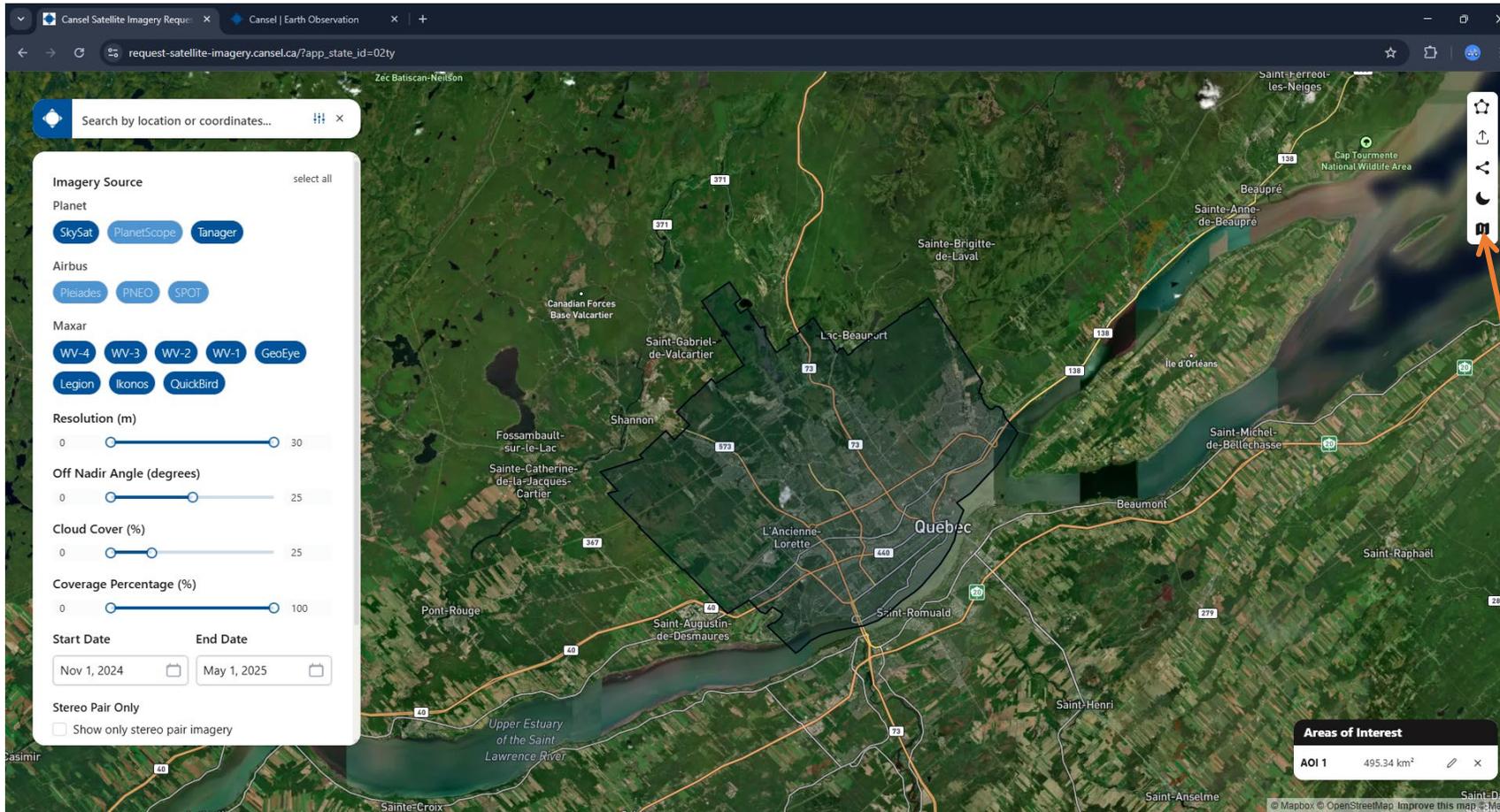
Search by location

Enter the address of the area of interest



To upload a shapefile, you need to regroup all files related in a compress folder (.zip)

Other tools available



Share result

Once your research done, you can share your results with a link.



Dark mode

Change the appearance of the user interface



Road map to Satellite

You can toggle between road map or Satellite for basemaps display.

Editing the Area of Interest (AOI)



Area of interest

- You can change the name by double clicking on the text
- By clicking on the pencil, you will be able to edit the shape of the area of interest
- You will also find the surface area in km² for each area
- You can add multiple areas of interest

The screenshot shows the Cansel Satellite Imagery Requester interface. The main map displays a satellite view of Quebec, Canada, with a grey-shaded Area of Interest (AOI) covering the city and surrounding areas. A search bar at the top left contains the text "Search by location or coordinates...". Below the search bar, a list of 22 results is shown, each with a thumbnail image, sensor name, resolution, and date. The results include SkySat and Tanager sensors with various resolutions and dates from April 13, 2025, to April 28, 2025. The AOI on the map is labeled "Quebec city" and has a surface area of 495.34 km². An orange arrow points to the AOI label in the bottom right corner of the map.

Thumbnail	Sensor	Resolution	Date	Coverage
	SkySat	0.50m	Apr 28, 2025	14.02% coverage
	SkySat	0.50m	Apr 24, 2025	14.99% coverage
	SkySat	0.50m	Apr 21, 2025	14.53% coverage
	SkySat	0.50m	Apr 18, 2025	15.74% coverage
	Tanager	30.00m	Apr 14, 2025	0.71% coverage
	Tanager	30.00m	Apr 14, 2025	5.09% coverage
	SkySat	0.50m	Apr 13, 2025	88.50% coverage

Research of available satellite imagery



Select imagery source

Sorted by supplier, select your satellite(s). Each one has different capability and ground resolution



Filter for your needs

Many options of filters exist. Those will affect the result of your research. Use them to narrow or explore available imagery.

- Resolution
- Acquisition Angle
- Cloud cover %
- Area coverage %
- Time period
- Stereo pair
- Short-Wave Infrared band

The screenshot shows a web-based interface for searching satellite imagery. On the left, a search bar is at the top. Below it, a 'Filters' panel is open, listing various satellite providers: Planet (SkySat, PlanetScope, Tanager), Airbus (Pleiades, PNEO, SPOT), Maxar (WV-4, WV-3, WV-2, WV-1, GeoEye), and Legion (Ikonos, QuickBird). Below the providers are sliders for Resolution (m), Off Nadir Angle (degrees), Cloud Cover (%), and Coverage Percentage (%). There are also date pickers for Start Date (Nov 1, 2024) and End Date (May 1, 2025). Checkboxes for 'Stereo Pair Only' and 'SWIR Only' are present. An 'Apply Filters' button is at the bottom of the panel. The main map area shows a satellite view of Quebec, Canada, with a grey polygon highlighting the city area. A search bar at the top of the map contains the text 'Search by location or coordinates...'. In the bottom right corner, there is an 'Areas of Interest' panel showing 'AOI 1' with an area of 495.34 km².

When the configuration is done, click on Apply Filters

Search result



Browse result

Look at the results to find information for each image, like :

- Satellite name
- Ground resolution
- Angle from nadir
- Acquisition date
- Cloud coverage
- Type of image
- Percentage of area covered



Selecting an image or more

Click on the description of an image will open a window with the metadata.

Clicking on the thumbnail will add the image to your cart.

The screenshot shows a satellite search interface with a map of Quebec, Canada, in the background. A search bar at the top left contains the text "Search by location or coordinates...". Below the search bar is a list of 22 results. The first five results are visible:

Thumbnail	Resolution	Angle	Satellite	Date	Cloud Coverage	Type
	0.50m	0.90°	Legion	Feb 19, 2025	0.00%	MULTISPECTRAL
	0.30m	8.22°	Legion	Feb 19, 2025	23.71%	MULTISPECTRAL
	0.46m	23.76°	WV-2	Feb 1, 2025	0.00%	MULTISPECTRAL
	0.30m	18.34°	WV-3	Dec 21, 2024	0.01%	MULTISPECTRAL
	0.50m	21.30°	SkySat	Dec 4, 2024	10.00%	MULTISPECTRAL

Below the list, a metadata window for the selected WV-3 image is open, showing the following details:

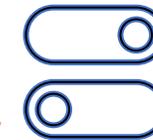
Image ID	Off Nadir Angle	Sensor Type	Bands	Acquisition Date (UTC)	Stereo Pair
10400100A043900	18.34°	MULTISPECTRAL	8 bands	2024-12-21T15:34:42.767521Z	No

At the bottom of the metadata window is a "Remove from Cart" button. On the right side of the map, there is a "Cart" panel showing the selected image "WV-3" with a thumbnail and the text "Quebec... 12/21/24".

Managing your cart

The screenshot displays a satellite imagery platform interface. On the left, a search bar is followed by a list of 22 results. Each result shows a thumbnail, resolution, off-nadir angle, sensor type, and coverage percentage. A detailed view for a 'WV-2' image is shown at the bottom left, including its ID, sensor type, bands, and acquisition date. In the center, an 'Export Request - 5/1/2025.zip' window shows a table of 5 elements. On the right, a map of Quebec shows an area of interest (AOI) with a cogwheel icon for adjusting image opacity. A 'Cart' panel at the bottom right shows the current items in the cart and an 'Image Opacity' slider.

Nom	Dernière modification	Taille du fichier
AOI 1	-	166 Ko
all_sensors.geojson	1 mai 2025	83 Ko
AOIs.geojson	1 mai 2025	110 Ko
worldview-02.geojson	1 mai 2025	80 Ko
worldview-03.geojson	1 mai 2025	3 Ko



Cart options

You can adjust the image opacity by clicking on the cogwheel ⚙️



Export result

Enter your email to receive a package of the images and metadata in your cart.

The package includes :

- Geojson of all AOI polygon
- Geojson by satellite
- Geojson for all satellite
- A folder for each AOI

Managing your cart



Submit your request

Once ready to place your request, click on the cart and fill out the form to submit the request. It will be sent to the customer service team. You will also get a confirmation email with the same information and attachment.

Areas of Interest
Quebec city 495.34 km²

Cart

WV-2	AOI 1	2/1/25	X
WV-3	AOI 1	12/21/24	X

Image Opacity

22 Results

Thumbnail	Resolution	Off Nadir Angle	Sensor Type	Bands	Acquisition Date (UTC)	Stereo Pair	Coverage
	0.50m	0.90°	MULTISPECTRAL	8 bands	2025-02-01T15:52:30.555179Z	No	0.00%
Legion	0.30m	8.22°	MULTISPECTRAL	8 bands	2025-02-01T15:52:30.555179Z	No	23.71% coverage
WV-2	0.46m	23.76°	MULTISPECTRAL	8 bands	2025-02-01T15:52:30.555179Z	No	54.87% coverage
WV-3	0.30m	18.34°	MULTISPECTRAL	8 bands	2025-02-01T15:52:30.555179Z	No	37.08% coverage
SkySat	0.50m	21.30°	MULTISPECTRAL	8 bands	2025-02-01T15:52:30.555179Z	No	0.00% coverage

Quote Request

Please fill out the information below and press submit when finished.

AOI 1

WV-2	0.46m	23.76°	MULTISPECTRAL	54.87% coverage	Feb 1, 2025	0.00%
WV-3	0.30m	18.34°	MULTISPECTRAL	37.08% coverage	Dec 21, 2024	0.01%

Export Type
Select an option

Name
John Doe

Email
john@example.com

Organization Location
Select an option

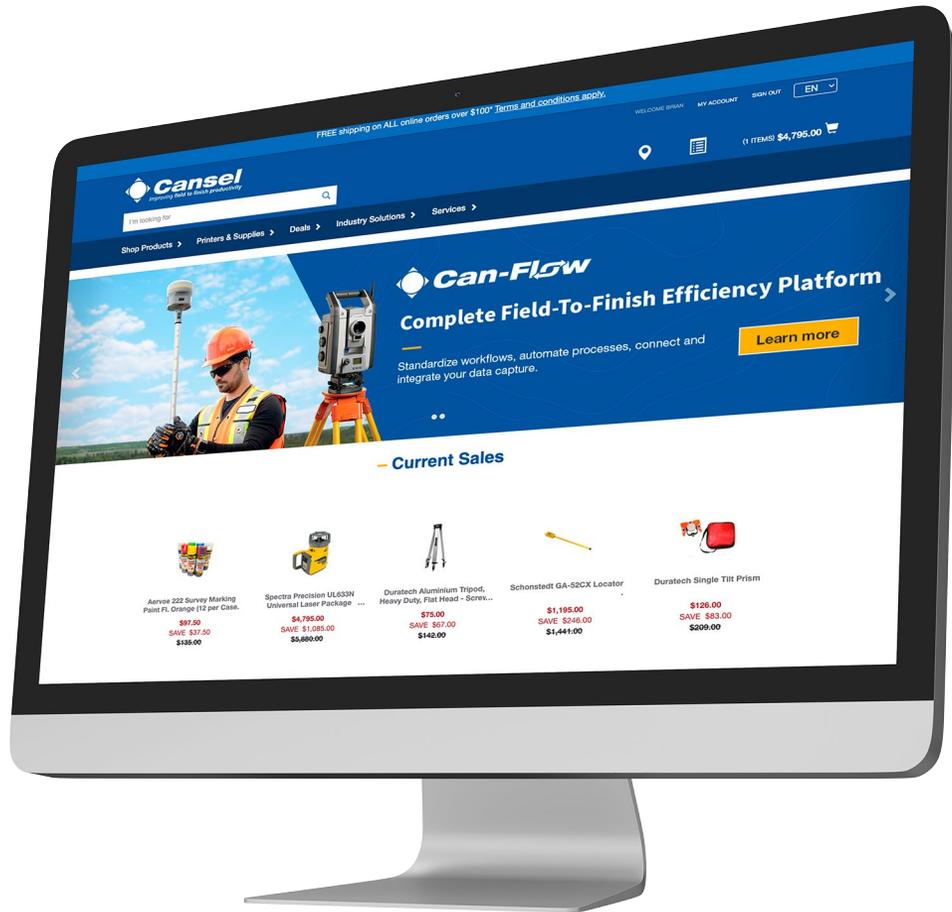
Order Name
NYC Pipelines 2024

Organization Name
Organization Name

Number of Users
Number of Users

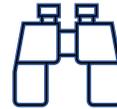
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Easy to use, easy to buy



Providers currently available

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- MAXAR
- Planet



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Thank you!

Your Earth Observation Team

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Website: <https://www.cansel.ca/industries-technologies/technologies/earth-observation>
