



Can-XTerra

CSDS Satellite Imagery Ordering Platform

Search by location or coordinates...

117 Results

45.87% coverage

PlanetScope

Feb 6, 2025

3.00m

4.50°

0.00%

MULTISPECTRAL

2.40% coverage

WV-2

Feb 1, 2025

0.46m

23.76°

0.00%

MULTISPECTRAL

54.87% coverage

WV-3

Dec 21, 2024

0.30m

18.34°

0.01%

MULTISPECTRAL

37.08% coverage

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

Canadian F... Base Val...

Lac-Saint-Joseph

ion forestière Duchesnay

Fossambault-sur-le-Lac

Sainte-Catherine-de-la-Jacques-Cartier

Rouge

Neuville

Saint-Antoine-de-Tilly

367

48

138

132

Getting started



Search by location

Enter a place or address. You can then create your area of interest (AOI)



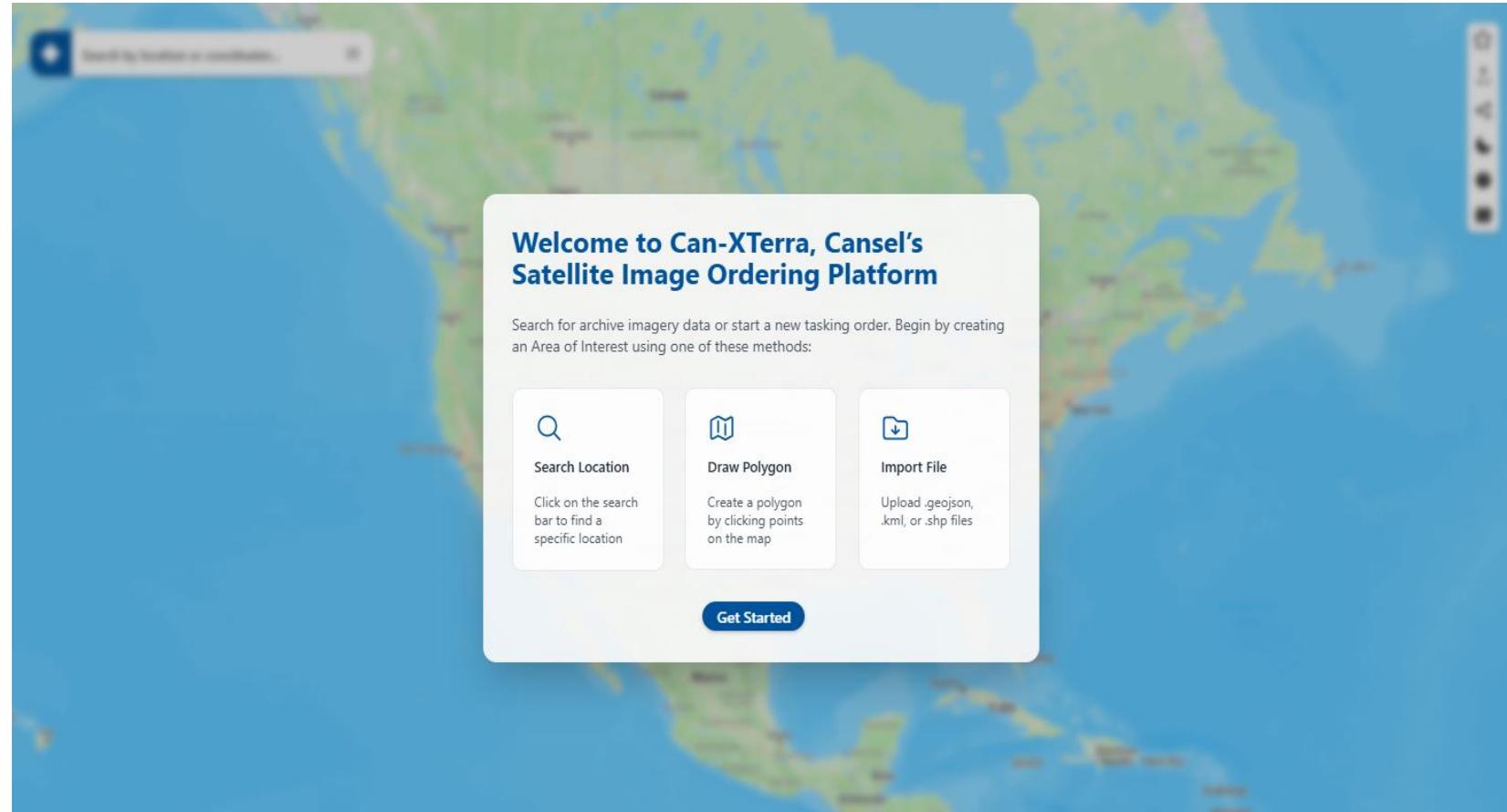
Draw a polygon

Create a polygon over the map to get your AOI



Import a file

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



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

Search options in the web interface



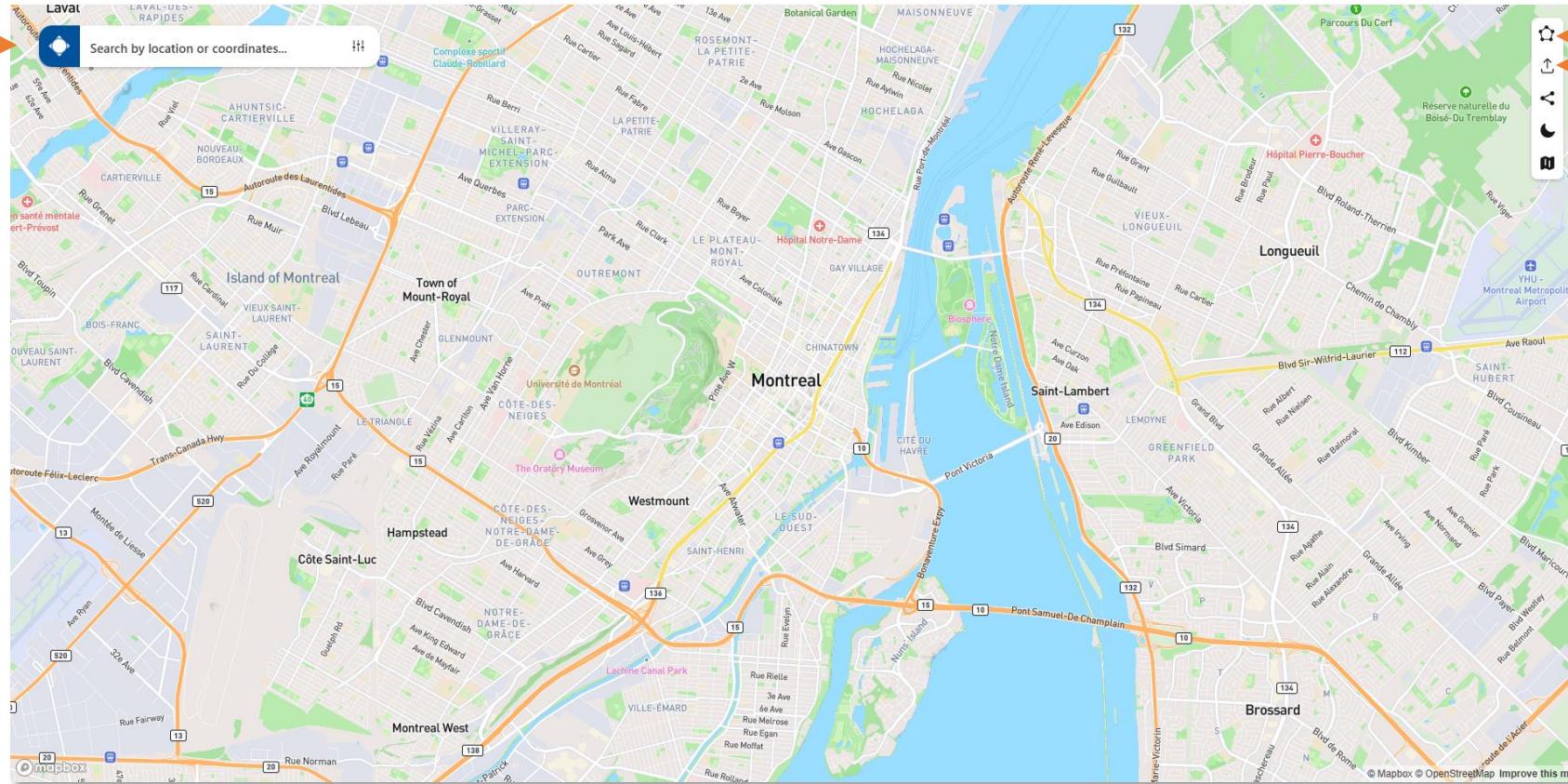
Draw a polygon

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



Search by location

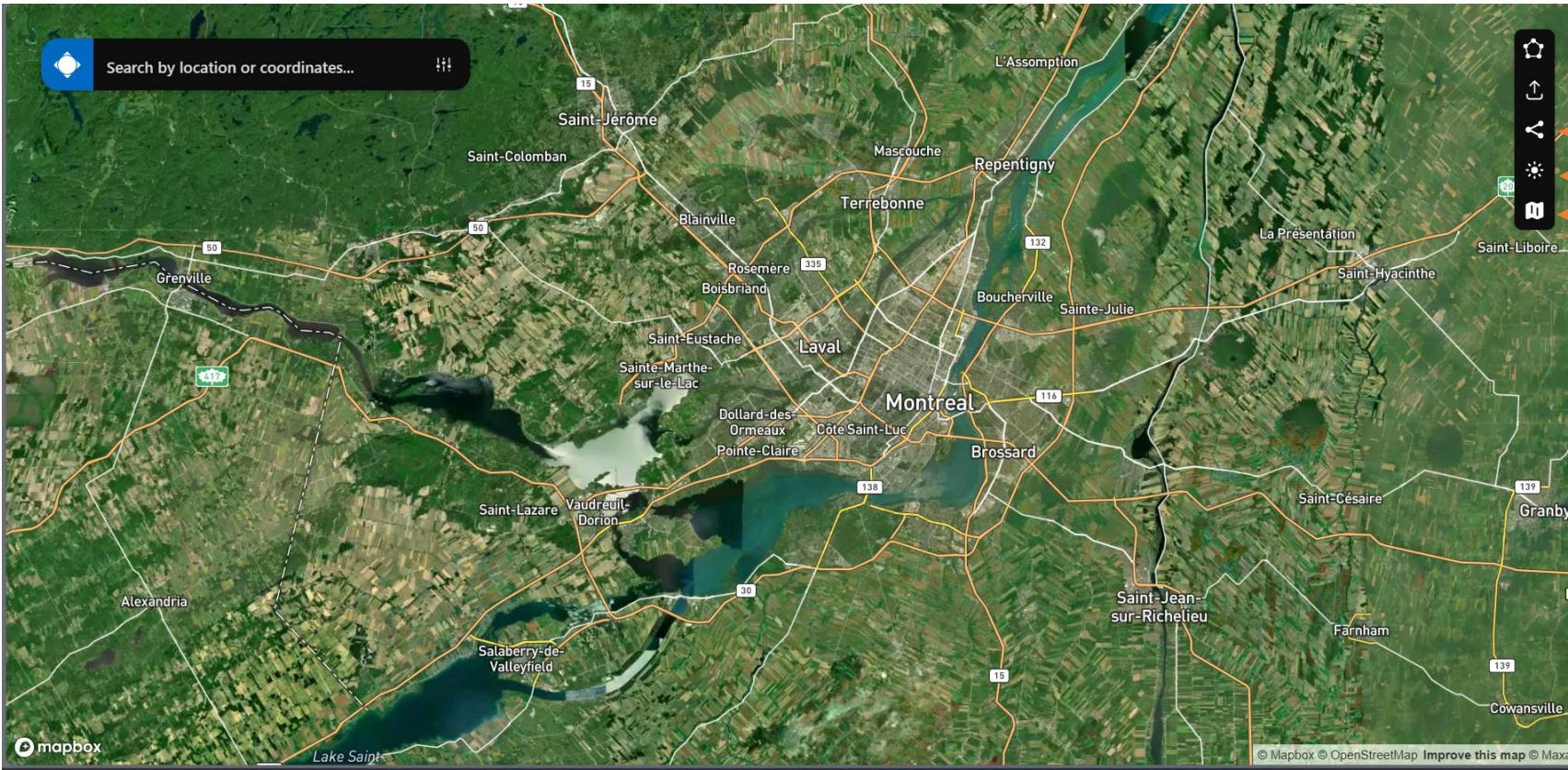
Enter the address of the area of interest



Import a file

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

Other available tools



Share result

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



Dark mode

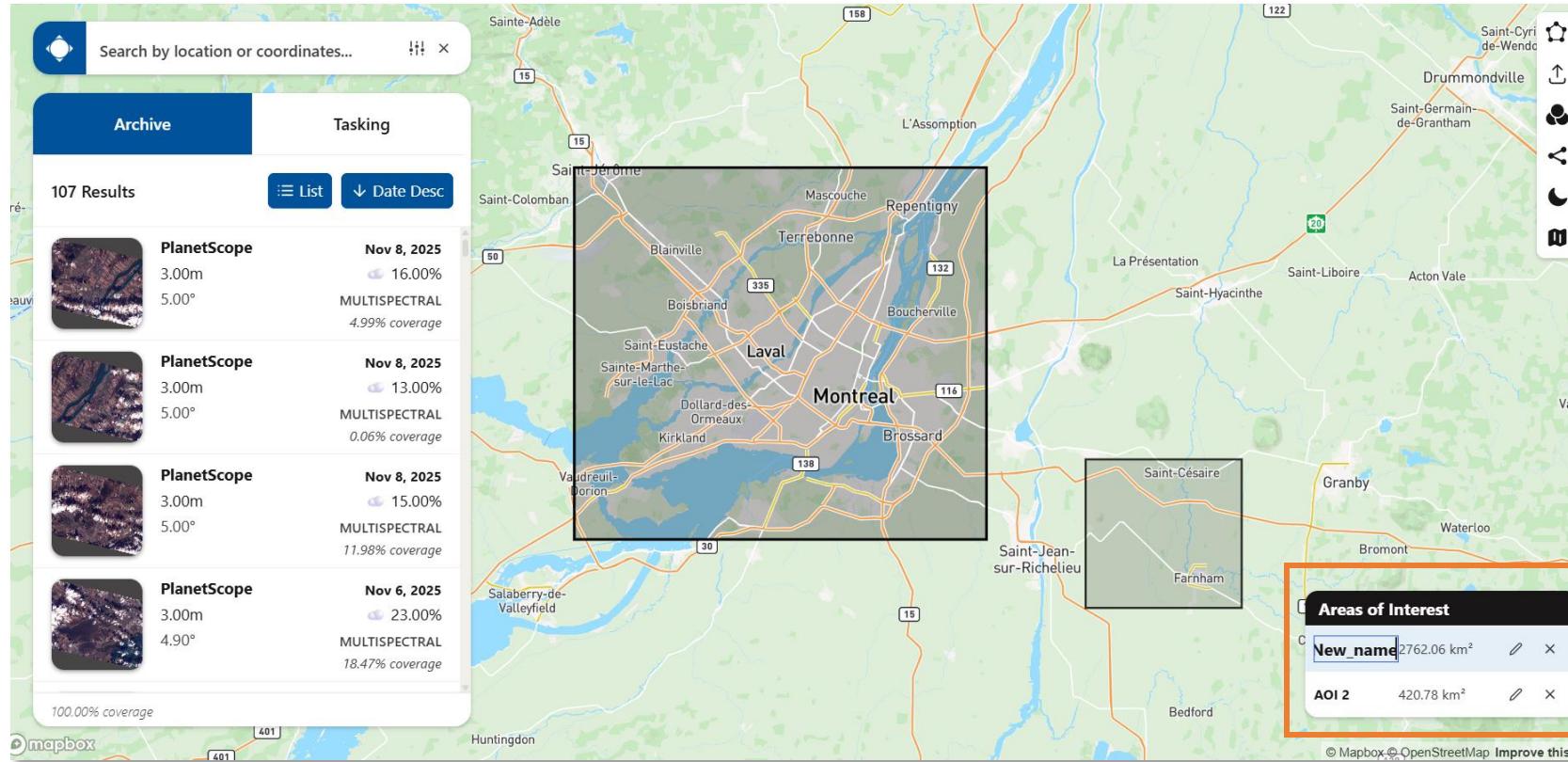
Change the appearance of the user interface



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 add multiple AOI at the same time. It will be added to the *Areas of Interest list* as AOI 2

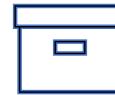
By clicking on the pencil, you will be able to edit the shape of the area of interest

You can change the name by double clicking on the text.

You will also find the surface area in km² for each area

Some minimum purchases may apply and vary according to suppliers. The shape must not have any holes and may need to be modified to comply with specific corridor widths. These parameters may vary from one supplier to another.

Search in the image archives of different suppliers



Archives research

To search for an image already acquired over your area of interest, select the AOI in the list (highlighted in blue) and click on the Archive tab

A first result showing all available images according to standard search settings will be displayed automatically

You can change the display of the results between a (include thumbnails) or a

You can sort the acquisitions according to several parameters using the drop-down list

For a more refined search, please use the filters tab

Archive

Tasking

107 Results

PlanetScope

3.00m

5.00°

Nov 8, 2025

16.00%

MULTISPECTRAL

4.99% coverage

PlanetScope

3.00m

5.00°

Nov 8, 2025

13.00%

MULTISPECTRAL

0.06% coverage

PlanetScope

3.00m

5.00°

Nov 8, 2025

15.00%

MULTISPECTRAL

11.98% coverage

PlanetScope

3.00m

4.90°

Nov 6, 2025

23.00%

MULTISPECTRAL

18.47% coverage

100.00% coverage

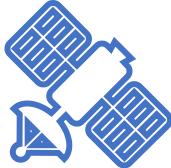
Mapbox © OpenStreetMap Improve this map

Areas of Interest

New_name 2762.06 km²

AOI 2 420.78 km²

Adjust the filter settings



Select sensor from supplier list

You can limit the research according to the desired sensors or supplier. In the example, only *Pleiades* imagery will be displayed

Select your resolution

You can limit the number of available sensors by modifying the range of spatial resolution. Sensors with a spatial resolution outside the range will be grayed out

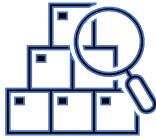
Filter for your needs

Many option of filters exist. By default, they are set to standard search settings. Use them to narrow or increase the number of available imageries.

The screenshot shows the Can-Learn imagery search interface. On the left, a sidebar contains a search bar and a list of 'Imagery Source' suppliers: Planet (SkySat, PlanetScope), Airbus (Pleiades, PNEO, SPOT), and Maxar (WV-4, WV-3, WV-2, WV-1, GeoEye, Legion, Ikonos, QuickBird). The 'Pleiades' button is highlighted with an orange arrow. Below the suppliers are filter sliders for 'Resolution (m)' (0 to 0.5), 'Off Nadir Angle (degrees)' (0 to 25), 'Cloud Cover (%)' (0 to 25), and 'Coverage Percentage (%)' (0 to 100). There are also date fields for 'Start Date' (Jun 3, 2025) and 'End Date' (Dec 3, 2025), and checkboxes for 'Stereo Pair Only' and 'SWIR Only'. A large blue 'Apply Filters' button is at the bottom. On the right is a map of the Montreal area, with a specific region around Laval and the Island of Montreal highlighted with a black rectangle. A callout box with an orange border and text inside reads: 'When the configuration is done, click on Apply Filters, this will refresh your search'. An orange arrow points from the text box to the 'Apply Filters' button.

Search result

Browse result



You can explore the results in the list by evaluating the thumbnail as well as the technical specifications:

Sensor name	Acquisition date
Spatial resolution (m)	% Cloud coverage
Angle off nadir	Spectral bands
	% of AOI covered

Search by location or coordinates...

Archive Tasking

29 Results

0.50m 17.96° 0.10% MULTISPECTRAL 9.80% coverage

Pleiades 0.50m 19.17° 0.00% MULTISPECTRAL 10.05% coverage

Pleiades 0.50m 17.83° 0.00% MULTISPECTRAL 39.63% coverage

Pleiades 0.50m 21.09° 0.00% MULTISPECTRAL 4.40% coverage

Pleiades 0.50m 20.95% 99.92% coverage

mapbox

Montreal area map showing various towns and roads. A green polygon highlights the image footprint for the second result in the list.

By hovering over the different search results with your cursor, a green polygon will display the image footprint within your AOI

Adding results to the Cart

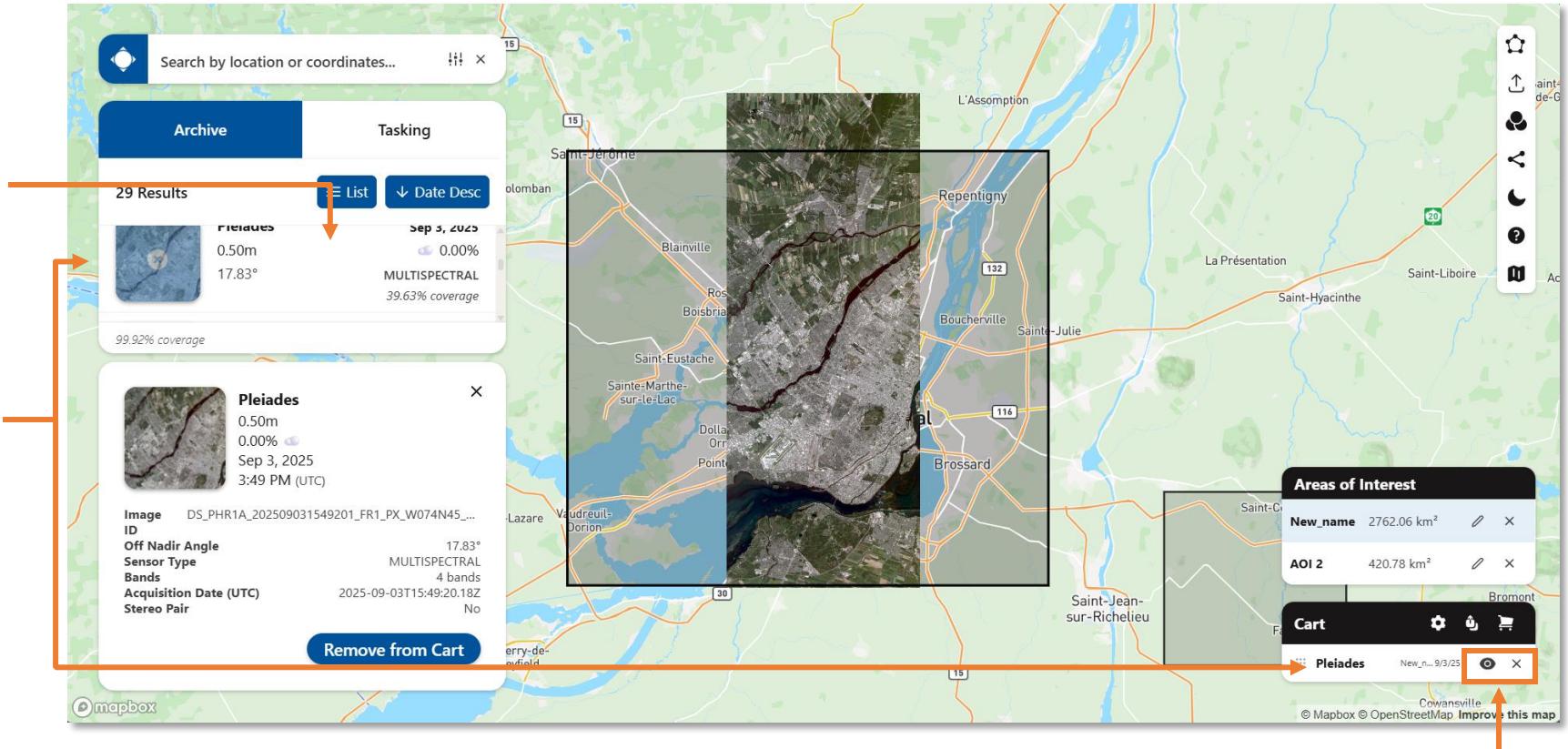
Selecting an image or more



You can click on the description of an image to open a window with additional metadata.

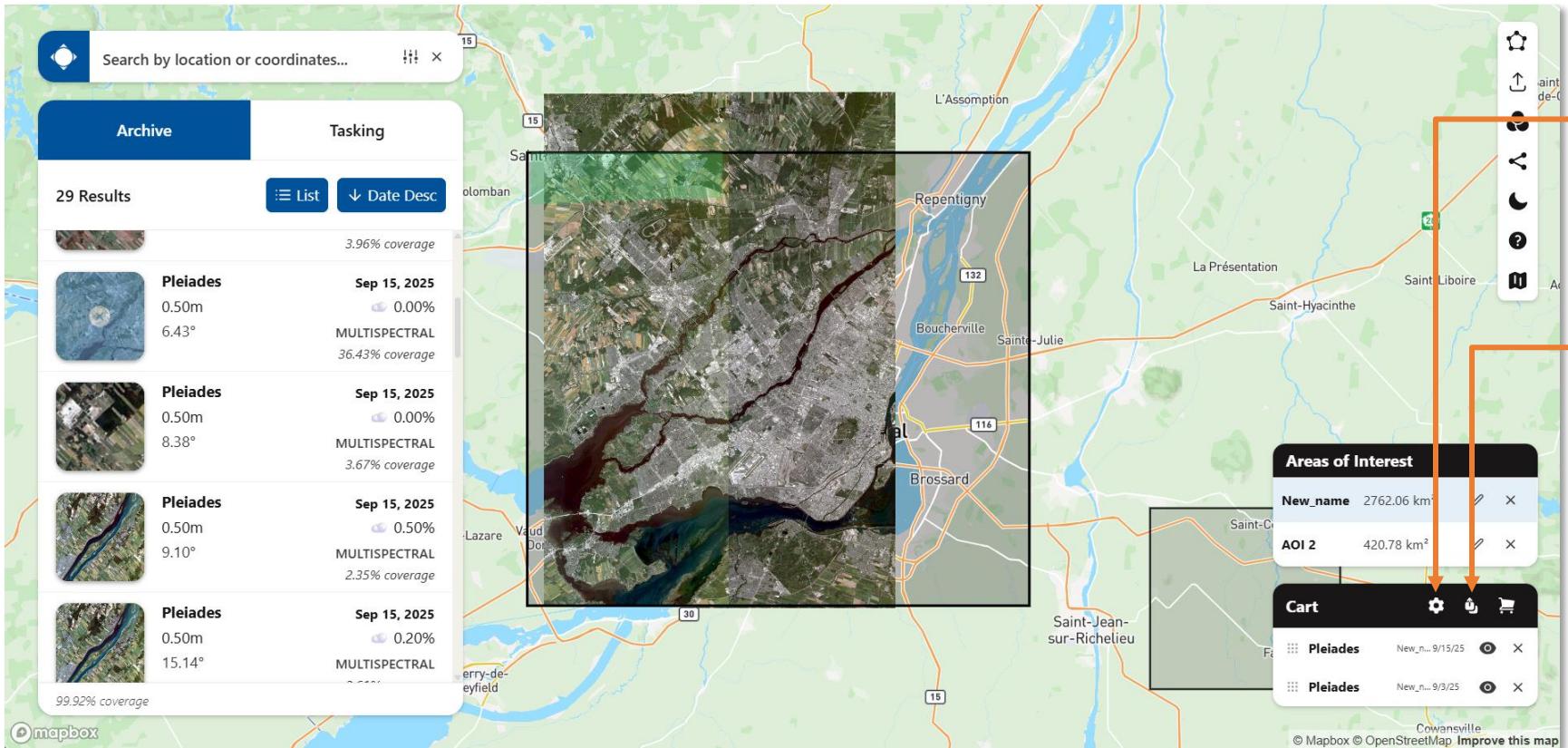
By clicking on the thumbnail, the preview will appear on the view, and the image will be added to the cart

If the purpose of the purchase is not to perform a temporal analysis, it is possible to choose multiple images from the same supplier or sensor without paying for the overlap. For more information, please contact us



You can always remove or hide selected images by using the Cart options

Cart options and exporting results



Cart options

You can adjust the image opacity by clicking on the cogwheel 



Export result

A downloadable package will be generated, including the fingerprint of the selected images as well as the AOIs present in the Cart:

- Geojson of all AOI
- Geojson by sensor
- Geojson for all sensors
- A folder for each AOI

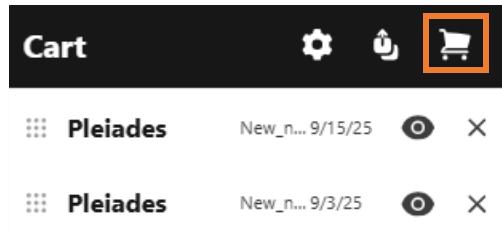
 New_name	Dossier de fichiers
 all_sensors.geojson	Fichier GEOJSON 3 Ko
 AOIs.geojson	Fichier GEOJSON 1 Ko
 phr.geojson	Fichier GEOJSON 3 Ko

Managing your cart



Submit your request

Once ready to place your request, click on the cart



Quote Request

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

New_name	Pleiades	Sep 15, 2025
	0.50m	0.00%
	6.43°	MULTISPECTRAL
	28.40% coverage	

New_name	Pleiades	Sep 3, 2025
	0.50m	0.00%
	17.83°	MULTISPECTRAL
	49.04% coverage	

Contact information

Order Name: NYC Pipelines 2024

Organization Name: Organization Name

Organization Location: City, Country

Number of Users: Number of Users

Contact Name: John Doe

Email: john@example.com

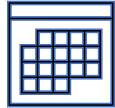
Phone Number: Phone Number

Comments: Please provide additional comments or requests below

Before submitting, review the selected images

Your request will be sent to the customer service team and a representative will contact you shortly to confirm the order details and provide a quote

Request a new acquisition



Tasking request

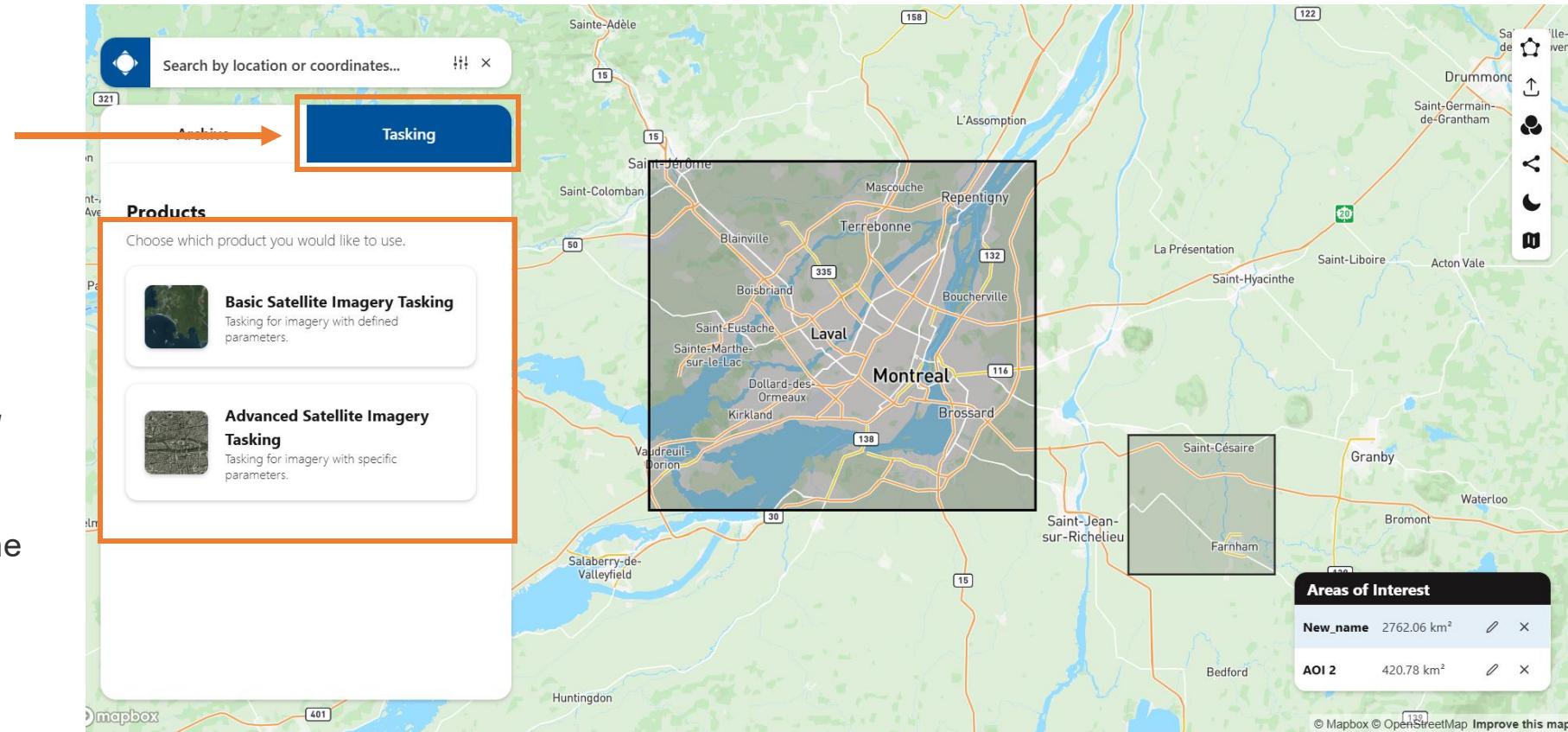
To request a tasking over your area of interest, select the AOI in the list (highlighted in blue) and click on the Tasking tab

Two options are available

If you are not familiar with tasking programming, use the *Basic Satellite Imagery Tasking* option

If you are knowledgeable in satellite imagery tasking, use the *Advanced Satellite Imagery Tasking* option

In either case, a representative can guide you towards a successful acquisition.



Basic Satellite Imagery Tasking



Fill out the simplified form

The resolution, the time span, and the cloud cover percentage are important specifications that impact the success of a new acquisition

By clicking on **Submit Request** a confirmation email will be sent to you with a summary of the entered specifications as well as a package containing the AOI in format Geojson

Basic tasking specifications

Resolution Range (m)

0,15 0,5

Allowed Scene Cloud Cover (%)

0 20

Collection Start Date

Dec 4, 2025

Collection End Date

Select a date

Acquisition Priority/Deadline

Select an option

Acquisition Frequency

Select an option

Contact information

Order Name

Infrastructure Monitoring Q1 2025

Organization Name

Your Organization

Organization Location

City, Country

Number of Users

Number of Users

Contact Name

Contact Name

Email

john.doe@example.com

Phone Number

+1 (555) 123-4567

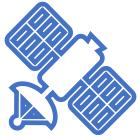
Comments

Please provide additional comments or requests below

Submit Request

By providing your contact details, a representative will contact you quickly to determine the best settings that meet your needs and maximize the chances of success of the tasking.

Advanced Satellite Imagery Tasking



Fill out the detailed form

Fill out the detailed form to the best of your knowledge. No fields are mandatory in the *Advanced tasking specifications* section

The detailed form allows for a better definition of the expected image format.

If you have any questions about the various specifications, please [contact us](#)

By clicking on **Submit Request** a confirmation email will be sent to you with a summary of the entered specifications as well as a package containing the AOI in format Geojson

Advanced tasking specifications

Type of acquisition
Select an option

Resolution Range (m)
0,15 0,5

Number of Spectral Bands
Select an option

Off Nadir Acquisition Angle (degrees)
0 15

Allowed Scene Cloud Cover (%)
0 20

Collection Start Date
Dec 4, 2025

Collection End Date
Select a date

Acquisition Priority/Deadline
Select an option

Acquisition Frequency
Select an option

Bands combination
Select an option

Geometric Processing
Select an option

Geographic reference System
Select an option

Radiometric Processing and pixel coding
Select an option

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