

# ImageAtlas Viewer API

The GlobeXplorer Hosted Viewers can be referenced using a basic API that will launch a Viewer at a specific location, and at any specified zoom level.

The basic format of the API is:

## URL + viewer name + location

The URL must be followed by a ? (question mark) and all arguments following must be separated by an & (ampersand).

**URL:** The base URL to launch a viewer is:

**<http://imageatlas.globexplorer.com/ImageAtlas/view.do?>**

From this base reference, you can refer to any of the viewers we have set up by viewer name.

**Viewer Name:** The Viewer Name is the name of the specific application that you would like to send your user to.

<b>group=ImageAtlas</b>	The specific ImageAtlas viewer you are pointing to
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**Location:** The location can be specified using an Address or a Lat/Lon Coordinate. You must use a + instead of spaces.

Address Location	
<b>address=5+Presidio+Terrace</b>	Street Address
<b>city=San+Francisco</b>	City (not required if using a Zip)
<b>state=CA</b>	State (2-character state code, not required if using Zip)
<b>zip=94511</b>	Zip code (not required if using city and state). Same as postal code
<b>Country=US</b>	2-digit Country Code. Defaults to US
or Coordinate Location	
<b>lon=-96.73210</b>	Longitude of the target location (decimal degrees). Note the negative value (-).
<b>lat=32.8337375</b>	Latitude of the target location (decimal degrees)
<b>zoom_level=10</b>	Integer (1-13). Default zoom level is 10.



## Examples

Using the Address Lookup method (default zoom level):

<http://www.globexplorer.com/ImageAtlas/view.do?group=ImageAtlas&address=5+Presidio+Terrace&city=San+Francisco&state=CA>

Using the Coordinate Lookup method (default zoom level):

[http://www.globexplorer.com/ImageAtlas/view.do?group=ImageAtlas&lat=32.8337375&lon=-96.73210&zoom\\_level=10](http://www.globexplorer.com/ImageAtlas/view.do?group=ImageAtlas&lat=32.8337375&lon=-96.73210&zoom_level=10)

## Result

The screenshot shows the ImageAtlas web application interface. At the top, there's a navigation bar with the ImageAtlas logo, a 'Download a file to view &amp; edit' button, and a 'POWERED BY GlobeXplorer' logo. Below the navigation bar, there's a search section with 'Address Match: 5 PRESIDIO TER, SAN FRANCISCO, CA' and 'Image Date: 27-Feb-2004'. The main content area features a large satellite image of a residential neighborhood in San Francisco, with a 'GlobeXplorer.com' watermark. To the left of the main image, there's a search form with fields for 'Address', 'City', 'State', 'Zip Code', and 'Country'. Below the search form, there's a 'Search By Co-ordinates' section with 'Latitude' and 'Longitude' fields. To the right of the main image, there's an 'Order Center' section with a table of print prices and a 'Sample digital download' link. The bottom of the page contains a footer with 'Home | Privacy | End User Agreement | Contact' and 'Copyright © 2005 GlobeXplorer'.

## Note:

Unwatermarked images are displayed in the viewer if you are a subscriber.

## Other Examples



- A) You can create a web page link that directly starts up an aerial print and file download setup page (which then links to the secure shopping cart).

Using the Coordinate Lookup method only (default zoom level):

[http://www.globexplorer.com/ImageAtlas/print.do?group=ImageAtlas&lat=37.7883&lon=-122.459685&zoom\\_level=10](http://www.globexplorer.com/ImageAtlas/print.do?group=ImageAtlas&lat=37.7883&lon=-122.459685&zoom_level=10)

### Prepare your download/print for order

**Step 1:**  
Choose between landscape layout, or portrait layout

PORTRAIT   
 LANDSCAPE 

**Step 2:**  
Adjust the zoom level to optimize pixel number/print quality, if desired

**Step 3:**  
Click anywhere on the thumbnail to re-center, if desired

**Step 4:**  
Click: Proceed to Checkout to continue

**Current Image Specifications:**  
Pixel Dimensions: 1049x1312  
Image Date: 27-Feb-2004


Your Download quality will be: ●

Your Print quality will be:

<span style="color: yellow;">●</span> 8"x10"	<span style="color: red;">●</span> 11"x14"
<span style="color: red;">●</span> 16"x20"	<span style="color: red;">●</span> 20"x30"

Image quality key: ● Best ● Good ● Fair

**Thumbnail preview of your order:** [What if my image changes from the viewer?](#)



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(Actual image will NOT be watermarked)

- B) You can build an address box on any web page that launches your ImageAtlas viewer over any address or city:

**Launch Viewer**


North America
International

Search for Aerial Imagery

**Address**

**City**

**State**      **ZIP Code**

**Country**

United States ▼




C) The online shopping cart handles all product purchasing transactions:

**SELECT YOUR PRODUCTS**    PAYMENT    INVOICE

Have a certificate code? Enter code below

**Download a file to view & edit**  
 Select  yes then update your cart

Image	Product Description	Quantity	Price	Total
	Digital Download (.jpg image file) Yes <input checked="" type="radio"/> No <input type="radio"/>		\$34.95	\$34.95
	8 X 10 Print    Matte <input type="text" value="0"/>	Glossy	\$19.95	\$0.00
	11 X 14 Print    Matte <input type="text" value="0"/>	Glossy	\$24.95	\$0.00
	16 x 20 Print    Matte <input type="text" value="0"/>	Glossy	\$49.95	\$0.00
	20 x 30 Print    Matte <input type="text" value="0"/>	Glossy	\$54.95	\$0.00

**Important, if you changed any quantities click here:**  
 (to remove an item, change its quantity to 0)   

Cart SubTotal: **\$34.95**

Powered By **ezprints**

For assistance contact [support@ezprints.com](mailto:support@ezprints.com)  
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D) Subscriptions – simple and secure account sign-up is handled on a single page:

**ImageAtlas**    Get added functionality and cheaper print and download prices with an ImageAtlas subscription: just **\$29.95 a month** or **\$249.95 a year!**

**Benefits of Subscription:**

Browse imagery without watermarks    Gain access to the complete set of USGS 1:24000, 1:100,000, and 1:250,000 topographic maps, seamlessly mosaiced.

And save 20 percent off all of your print and download orders!

Product Savings	Non-Subscriber	Subscriber
8"x10" print	\$19.95	\$15.96
11"x14" print	\$24.95	\$19.96
16"x20" print	\$49.95	\$39.96
20"x30" print	\$54.95	\$42.96
Large Digital Download	\$34.95	\$27.96

**ACCOUNT SIGN-UP**    Already Subscribed? [LOG IN](#)

Select Your Subscription Term    [return to view/c](#)  
 \$29.95 monthly subscription     \$249.95 annual subscription


**Enter Account Information**

Login  Password  Confirm Password   
 First Name  Last Name   
 Company Name   
 Email  Phone:

**Enter Billing Information**

Billing Address 1   
 Billing Address 2   
 City  State  Zip   
 Country

Credit Card Number  Exp. Month  Exp. Year   
 I have read and agree to the [Terms and Users License Agreement](#).

Subscriptions will automatically renew on a monthly or yearly basis until cancellation. To cancel, follow these steps: 1) log into your account 2) click on "Manage Acc't" 3) click on the "Cancel Subscription" link. Memberships are invoiced monthly on the same calendar day as your subscription originally started ("Billing Date"). Once you've cancelled, you may continue using GlobeXplorer ImageAtlas until your next scheduled Billing Date. If you do cancel, please be sure to do so 48 hours BEFORE the next month's Billing Date.