

C-View G.E. User Manual

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Overview

C-View G.E. is a real-time vessel tracking system that utilizes high resolution aerial and satellite imagery maps provided by Google Earth. With the C-View data projected onto the maps, agents are now able to view satellite images of waterways, facilities, and roads as well as vessel position and movement.

Key Features

- Provides satellite images with AIS data for 8 U.S. ports.
- Allows users to zoom in on specific vessels in any region.
- Calculates turn by turn directions from any point to any vessel.
- Displays ground transportation features.
- Features NOAA weather maps as radar overlay.
- Supports user-customization of software.
- Allows users to mark areas of interest with pushpins.

Hardware and Software Requirements

To access C-View G.E. you must first download a copy of Google Earth available at <http://earth.google.com> . A complete listing of the hardware and software requirements for Google Earth can be found in the Earth User Guide available in the Google Earth Help Menu.

Managing Your Session

1. Open the Google Earth application.
2. On the Concentria Maritime web page, click on the C-View G.E. link in the Software window.
3. Select a region.
4. Click Open in the dialog box that appears. The vessel data will appear in your Google Earth browser.
5. Repeat steps 3 and 4 to add other regions.
6. The regions selected will appear in Temporary Places until saved as My Places. Click the + sign to open the region folder. You will be able to view all the vessel

- names in the window. The vessels will be drawn on the map. The other folders (if remaining un-checked) will be relocated to the bottom of the vessel list.
7. To close a folder, click the - sign by the folder name.

Note: When exiting Google Earth, save your Temporary Folders in My Places. These folders will not need to be downloaded again.

Note: Once a region is downloaded, the data will remain in Google Earth and will automatically update every 5 minutes.

Navigating the Map

To zoom in to a specific region either click on the map or use the navigation tools located in the right hand corner of the screen. The + and – keyboard buttons can also be used to zoom in or out.

To Find a Vessel

1. Press CTRL and F simultaneously.
2. A Find Box will appear beneath the Places Window. Type in the vessel you are interested in and press the Next button.
3. The vessel will appear highlighted in the list.
4. Double click the pushpin next to the vessel to find it on the map.

Note: To locate and view vessel on the map, the C-View regional database must be downloaded into the Google Earth Places Window.

Getting Directions to a Vessel

To get directions to a particular vessel:

1. Click on the vessel in the My Places Window.
2. In the information window, click Directions to here or from here. The appropriate field will be filled in the Search Panel.
3. In the From Box located in the Search Panel, type in the originating address.
4. Press the magnifying glass button. Turn by turn instructions will be provided in the Search Panel. A route will be mapped on the satellite display.

Customizing the Software

The software can be customized in the following ways:

- Regions of interest may be selected or removed from the map by checking or unchecking the box next to the region name.
- Vessels of interest may be selected or removed from the map by checking or unchecking the box next to the vessel name.
- Add weather overlay.
- Add pushpins to mark points of interest.

Making the Vessel Viewing Screen Larger

To make the vessel viewing screen larger, collapse the other Google Earth windows (such as the Search window) by clicking on the down arrow. This will allow more area for viewing vessel data.

Adding NOAA Weather Overlay

1. Click Add Content.
2. In the URL box that appears enter <http://radar.weather.gov/ridge/kmzgenerator.php>.
3. The National Weather Service Enhanced Radar Image page will open.
4. In the window labeled National and Regional Mosaics select an area of interest.
5. Click Submit.
6. To adjust the radar image to better see ground features, look in Temporary Places. Click the + sign by NWS Radar Images. Click the + sign by the Sector selected. Right click on the word 'Mosaic.' Click Properties. Using the Transparency slider, move the slider from opaque toward clear. Click O.K.

Adding Pushpins

Add pushpins to mark areas or vessels of interest on the map.

1. Click the pushpin icon on the top of the screen. A pushpin will appear on the map. Using the mouse and the right mouse button, drag the pushpin to the area or vessel of interest.
2. An information box will appear. Enter the label and description for the pushpin here.
3. Select the Style, Color tab to customize the color and size of either the pushpin or the label.
4. Click O.K. The pushpin will also appear in My Places.

5. To edit the pushpin data or change the style or color after it has been created, move the mouse over the pushpin and right click when the hand icon turns into an arrow. Click Properties and make the changes. Click O.K.
6. To delete a pushpin, place the mouse over the pushpin and right click. Click Delete.

This manual only covers features in Google Earth that are relevant to the C-View G.E. application. To learn more about Google Earth, please consult the Google Earth User Manual.