

Feature Guide

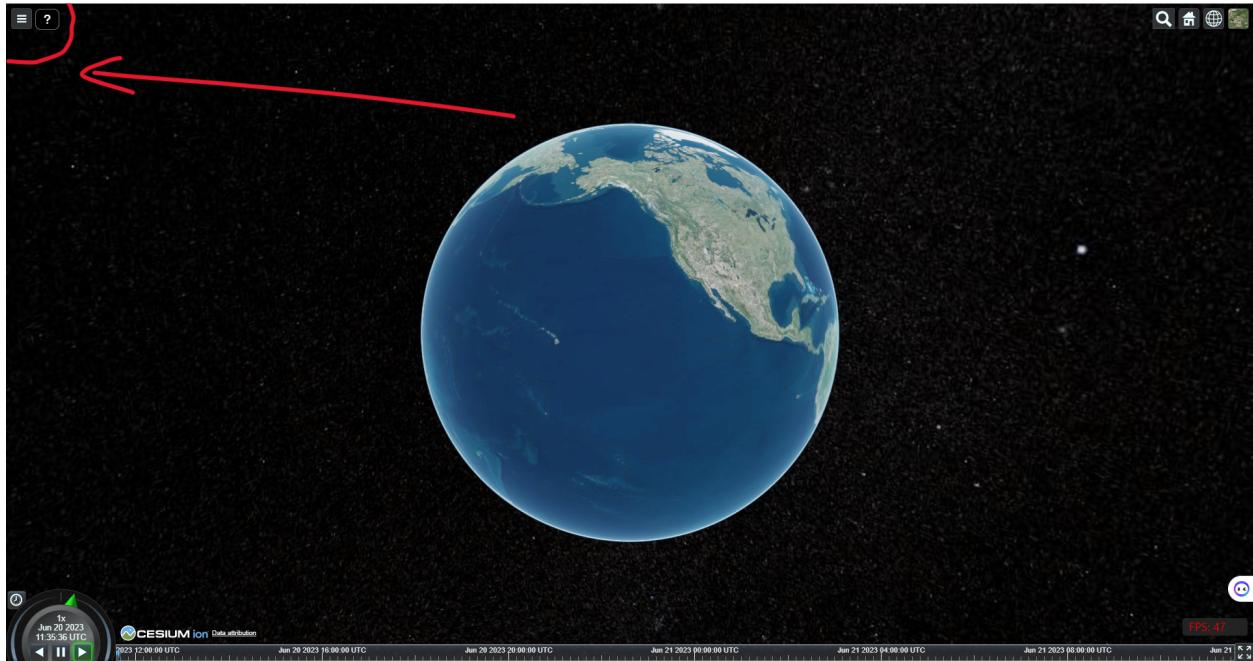
Team Infinity - AugSense Software Project ProtoSem 5.1

Basic Features

Adding Satellites



You can add the given satellites using the menu bar in the top left corner and by clicking any of the satellite names you can add the satellites.





▼ Option Description

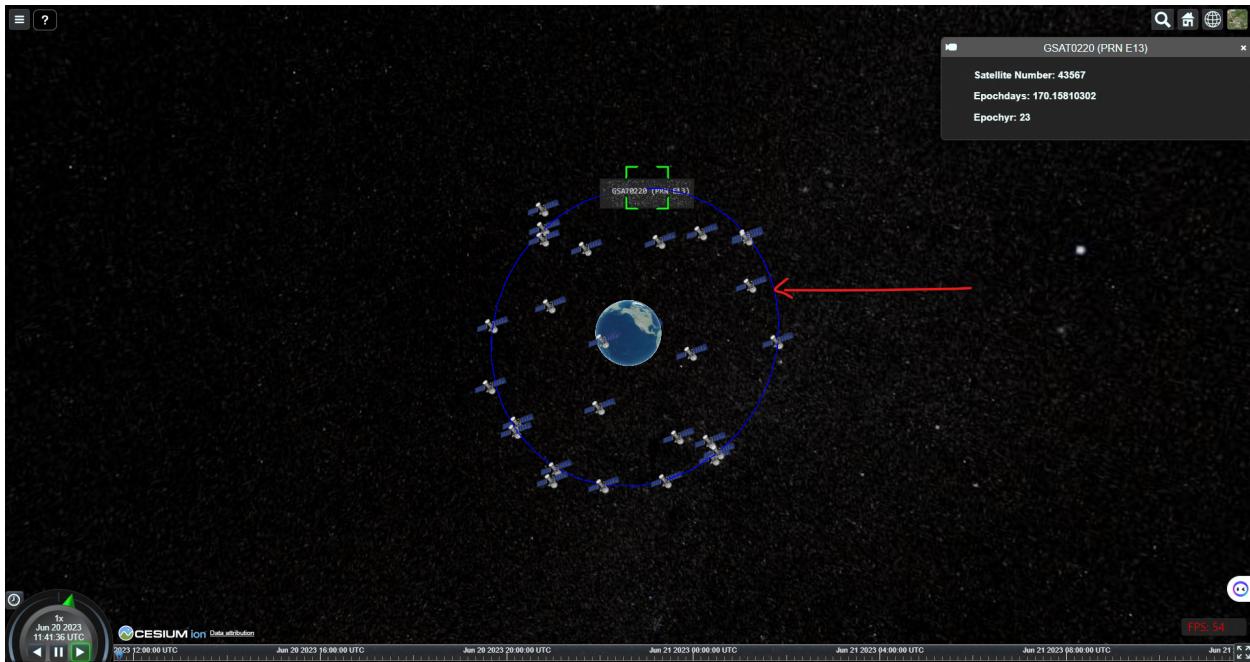
1. **Lighting:** show the day and night mode of the earth.
2. **Camera lock:** Locking the camera.
3. **Remove Satellites:** Remove all active satellites.
4. **Remove Markers:** Remove all the active marked Locations.
5. **Satellites Available:** This is the list of all available satellites you can visualize and get their data.

Marking a Location:



You can mark any location just by double-clicking any location on the globe or map.

Viewing Satellite Paths:



You can view the path and data of a satellite just by clicking on it.



You can just turn the Angle of the compass to past and future positions



- You can type any location and enter the coordinates to search and focus on a location just like Google Maps
- By clicking the home icon you can find or reinitialize the globe position to the initial position.

The screenshot shows the Cesium ion interface for managing imagery and terrain datasets. At the top right are four icons: a magnifying glass for search, a house for home, a globe for world, and a small map for preview.

Imagery

Cesium ion

Bing Maps Aerial

Bing Maps Aerial with Labels

Bing Maps Roads

Sentinel-2

Blue Marble

Earth at night

Natural Earth II

Other

ArcGIS World Imagery

ArcGIS World Hillshade

Esri World Ocean

OpenStreet-Map

Stamen Watercolor

Stamen Toner

Terrain

Cesium ion

WGS84 Ellipsoid

Cesium World Terrain



By clicking the skin button on the top right corner of the page you can just change the view mode and skins of the globe (Terrain, Road Maps, HillShade, etc.).



You can change the view mode (3D, 2D, Columbus view) just by clicking the mode selection icon that's visible on the top right corner of the window.

Sample Outputs:

