Quick Start Guide: 3D Viewer

This Quick Start Guide is easy to read and focused on helping you get started with the 3D Viewer Application.

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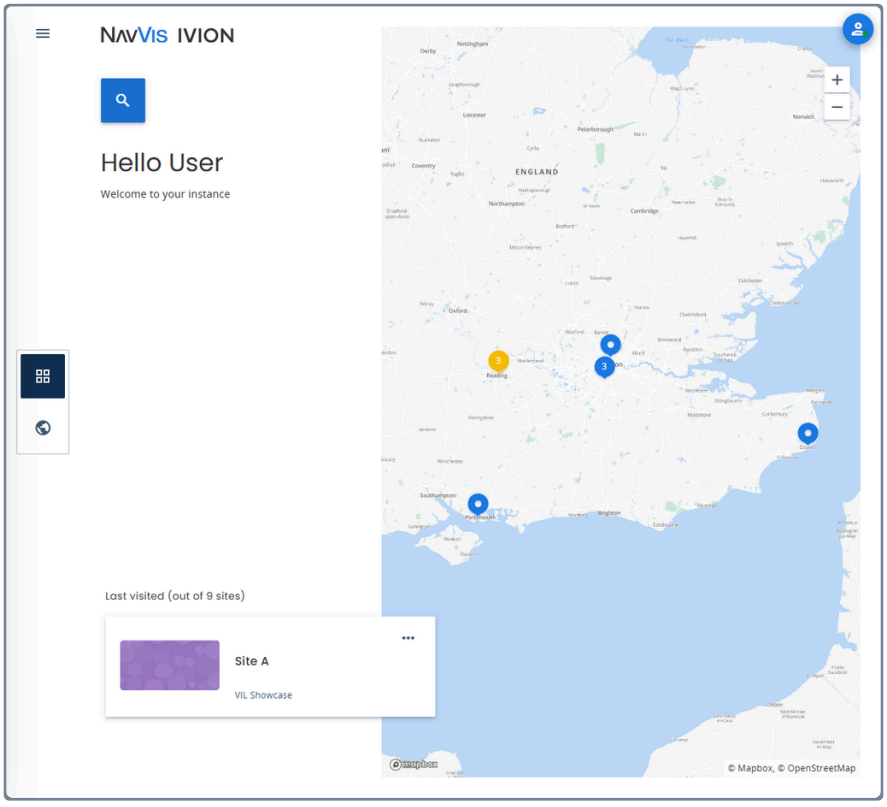
Selecting a Site

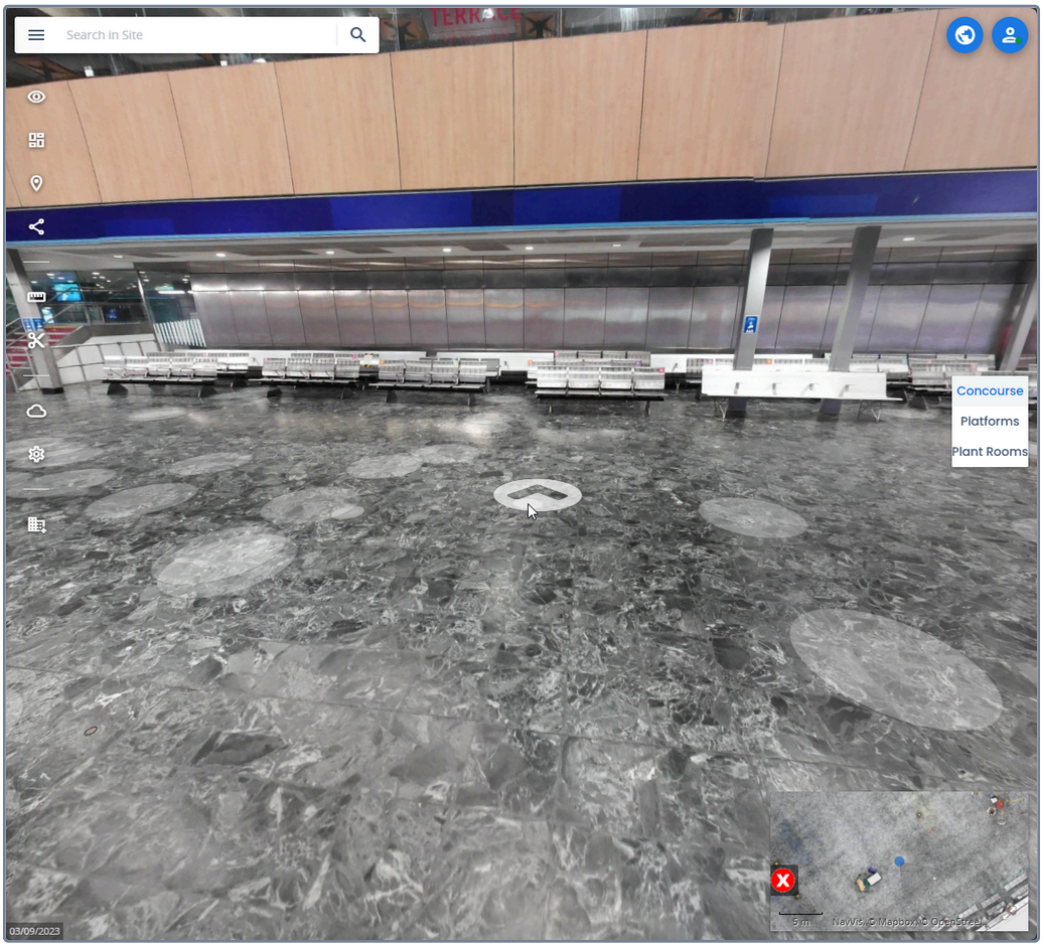
Upon logging in, you will be given the site selection screen. This displays a list of all the sites you have access to view, as well as the sites location on the map. You can also change your user info here (name and password) under the blue person icon in the top-right.

> On first login, you will directed to change your password before seeing this page.



Moving around the 3D Viewer

You can move around the 3D viewer in many ways, you can click in the viewer and it will display location markers that can be used, or you can expand the 2D map in the bottom-right and click on points within the map to move there. Alternatively you can use the search bar in the top-left and be directed to the location or POI that you have searched for.



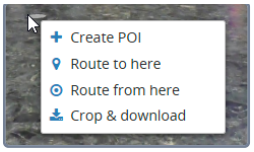
Within the 3D viewer you can also use the floor selector in the middle-right of the screen to change the floor/area of the site you are viewing.

Tools within the 3D Viewer

There are many tools within the 3D viewer that you can use and these can be access in many ways.

Context Menu Tools

The first way you can access the tools is from the context menu, you can simple access this by right-clicking anywhere within the 3D viewer, this will bring up the menu where you can create a POI, access the Routing feature and the Crop & Download feature.



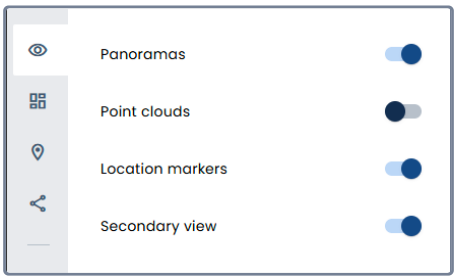
If you have right-clicked on a POI you may also be given the option to delete that POI, if you have permission to do so.

Sidebar Tools

Another way you can access the tools is from the sidebar on the left side of the viewer. You can expand the menu with the triple bar menu, or you can just click on the icons below. From here you can access the View feature, the datasets for the site, the POI Filtering feature, the Sharing feature, the Mark & Measure feature, the Crop & Download feature, the 3D Viewer Settings, and finally the site setup for editing, if you have the permissions to access it.

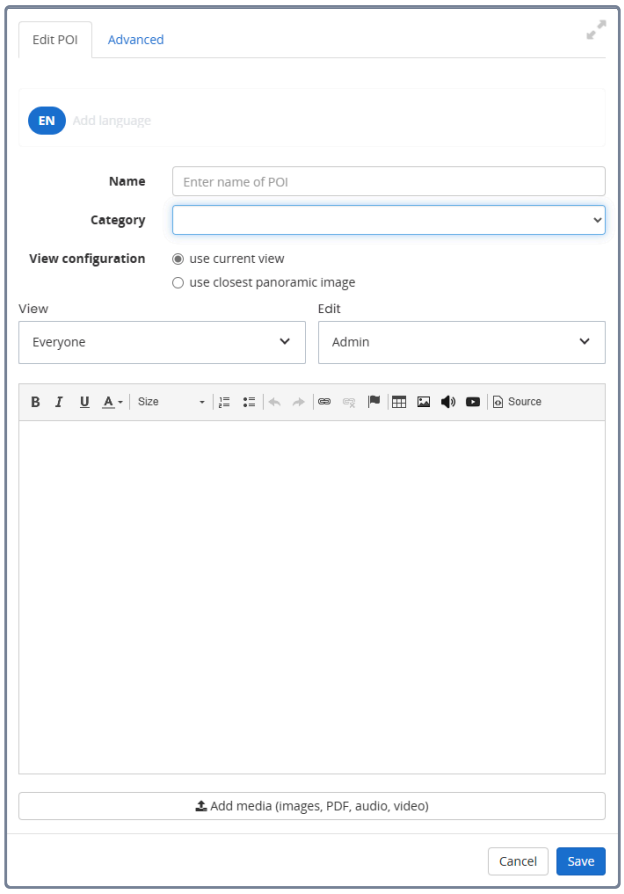
View

The view tools allow you to switch from the default panoramic view to the point cloud view and change options related to the point cloud view (quality settings and appearance settings). You can also disable the location markers for the positions in the viewer, and disable the mini-map in the bottom-right.



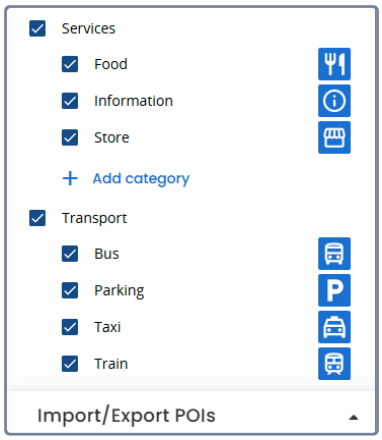
Creating a Points of Interests (POI)

When you create a POI, it will be placed where you have right-clicked. You must input the relevant information for the POI before it can be saved, under the advanced tab you can input additional information that might be needed like an icon, the categories will already have an icon attached to it. The editor is rich text editor so this allows you to embed media such as links, tables, audio files and videos.



Filtering POIs

This is a list of various POI types will be listed and you can choose to show or hide them, they are broken down into categories, and you can add your own categories if needed as well as export/import a list of POIs



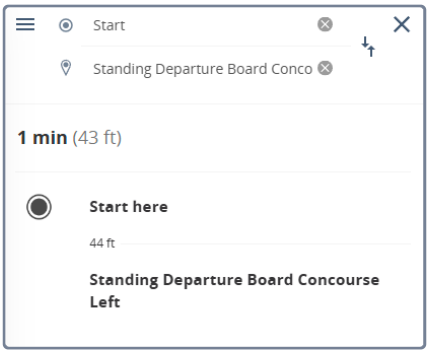
Sharing

This section gives you a link to the current location you're at within the site, this can either be copied to clipboard or directly emailed.

Routing

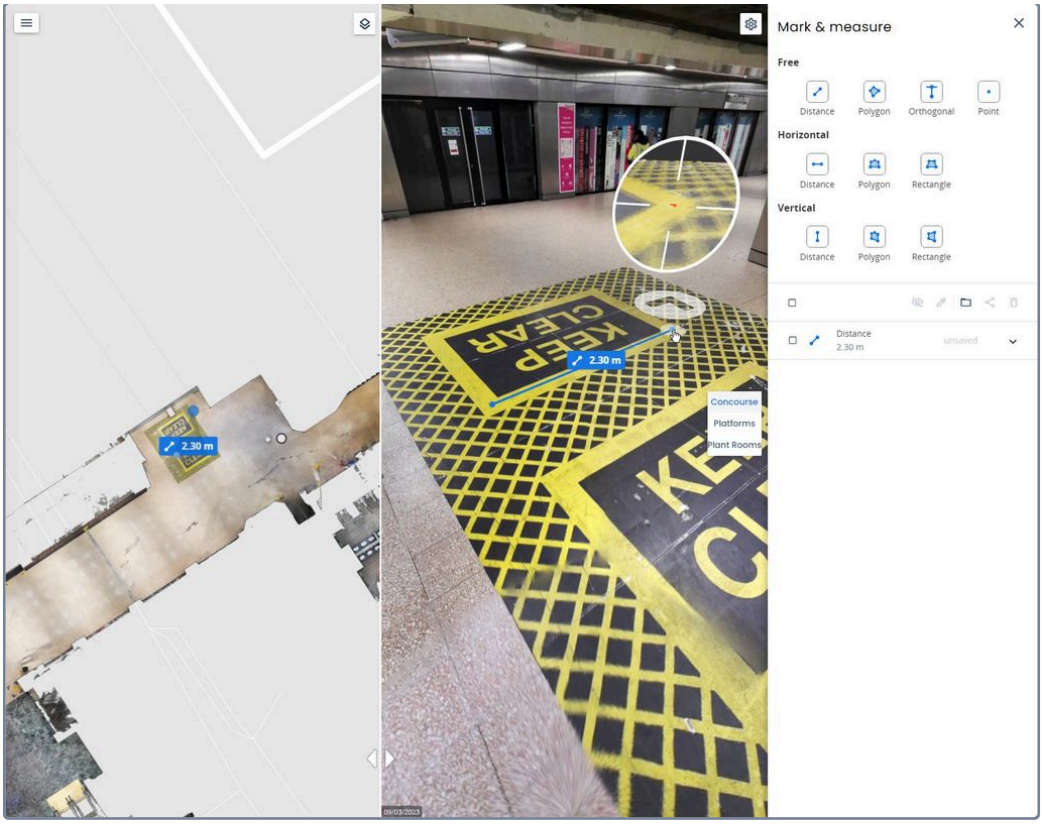
Another way to access the routing tool is from the detail modal when you click on a POI.

Here you can select the start and end positions, either by searching for a POI or location or you can use your current location in the 3D viewer as the start position, then it will show the direction in the 3D viewer and in the mini-map, as well as additional information in the top-right routing modal.



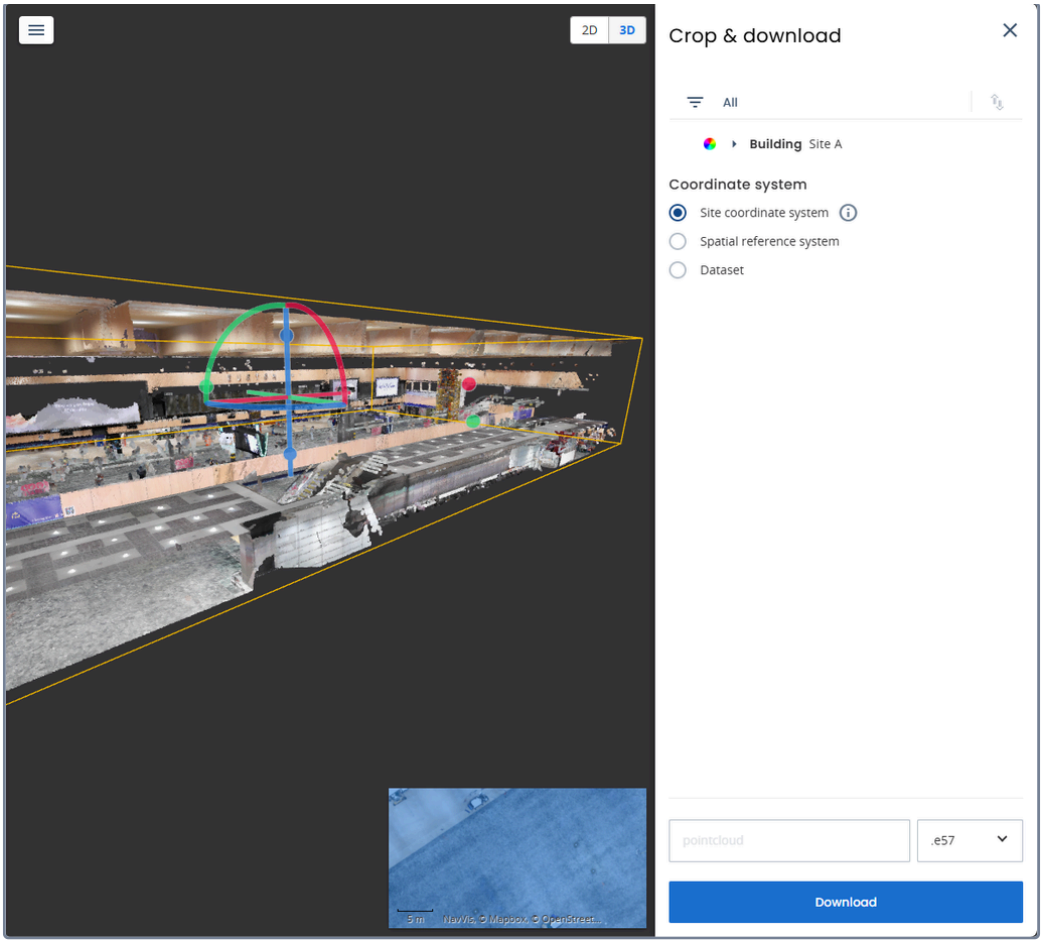
Measuring Tool

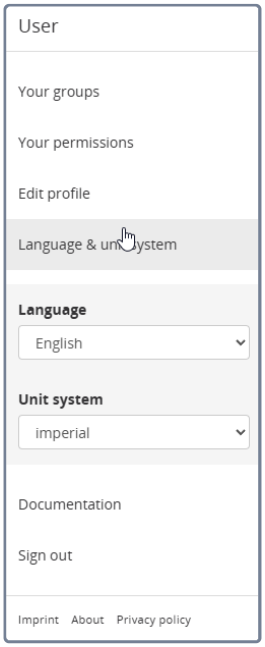
You can use the measuring tool to accurately measure objects and distances within the 3D viewer (with 5mm accuracy). You can pick different methods to measure on the right, and the system will keep a list of the measurements and you can name and group them for organisation.



Crop and Download

This feature allows you to crop a certain area of the site and the point cloud data can be downloaded in various formats. It will display a list of the scans it will be cropping from and this can be hidden, if a scan is not needed.



3D Viewer Settings

From the user icon in the top-left you can access the option to change the language and the unit system within the viewer. From the user icon menu you can also change your profile information and view your permissions and access the documentation site.