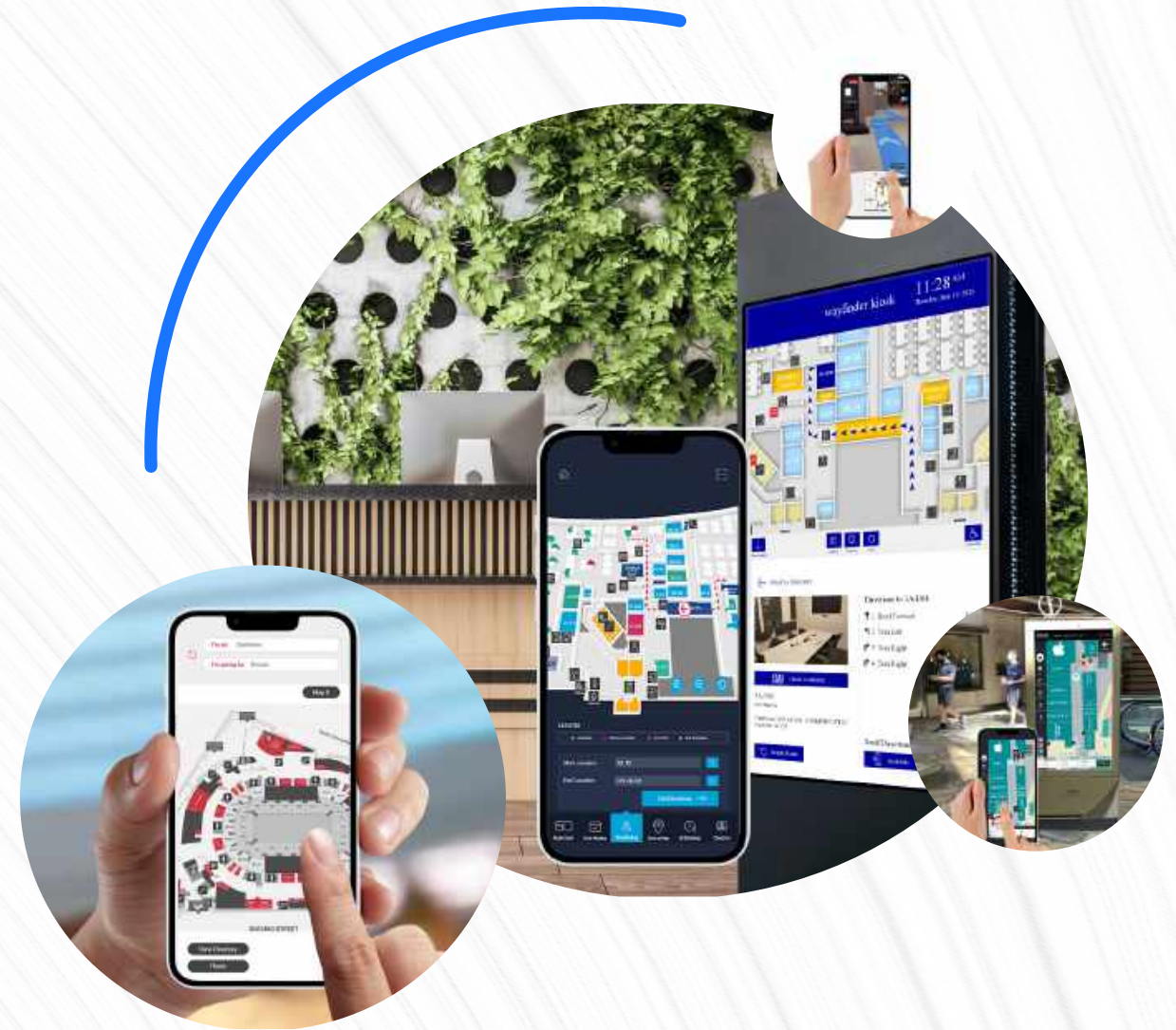
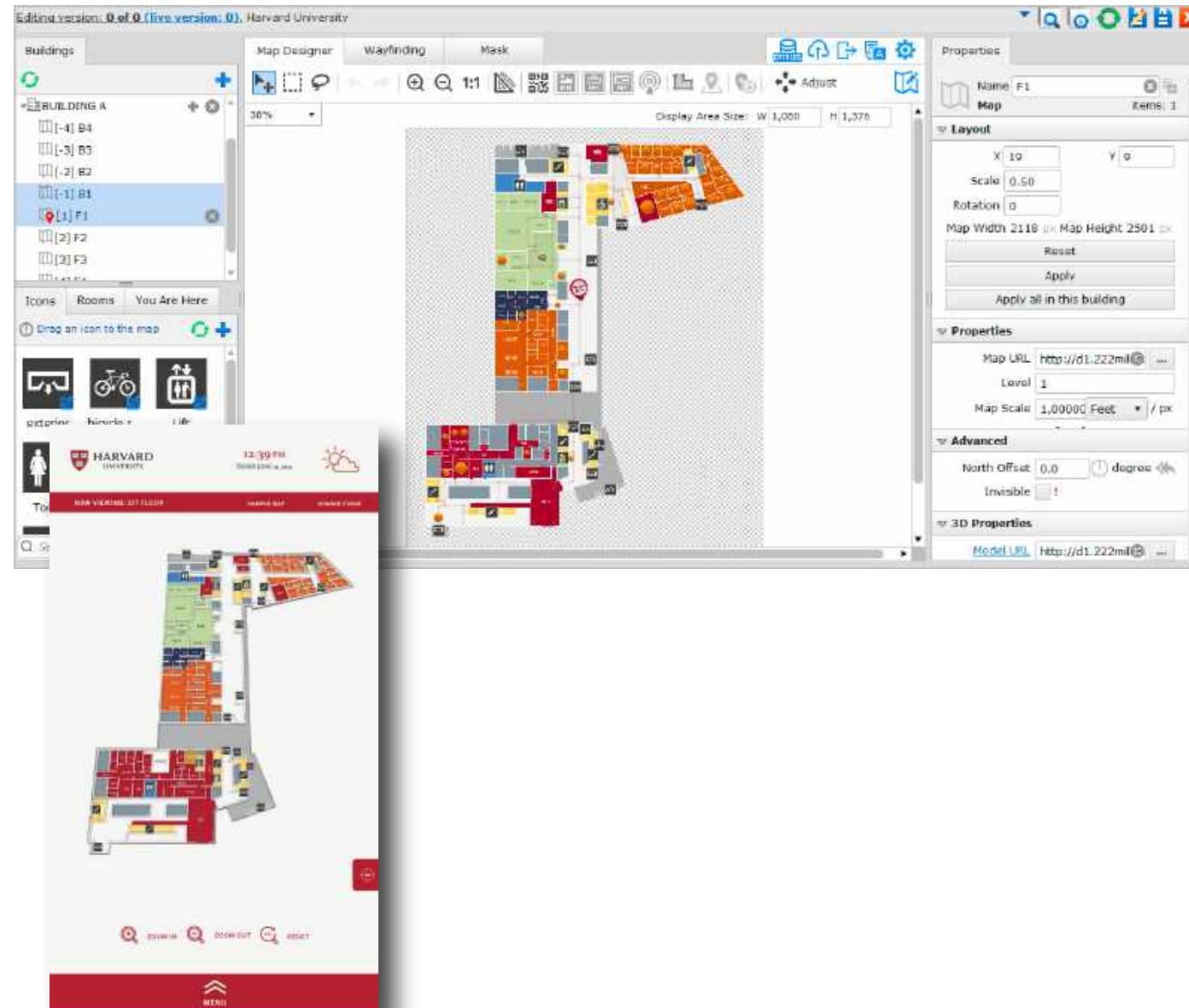


3D Wayfinding Feature List



We are the Industry Leader in Experiential and Visualized Communications

22Miles provides comprehensive technology solutions for digital connectivity, visual communications, media management, and adaptive multi-point interactive experiences. Powered by an immersive, easy-to-use content management software, the process of creating, managing, and enhancing a facility's designed content has never been as simple. 22Miles creates a unique experience for agile environments, interactive applications, streamlining events, and visually impactful informational content for venues, mix-use, corporate centers, or large campuses. It is customizable from experiential digital signage, interactive 3D wayfinding, safe contact-less interaction technology, large array video walls, room booking capabilities, and native or HTML mobile apps, allowing creators to build for any organizational storyboard and journey.

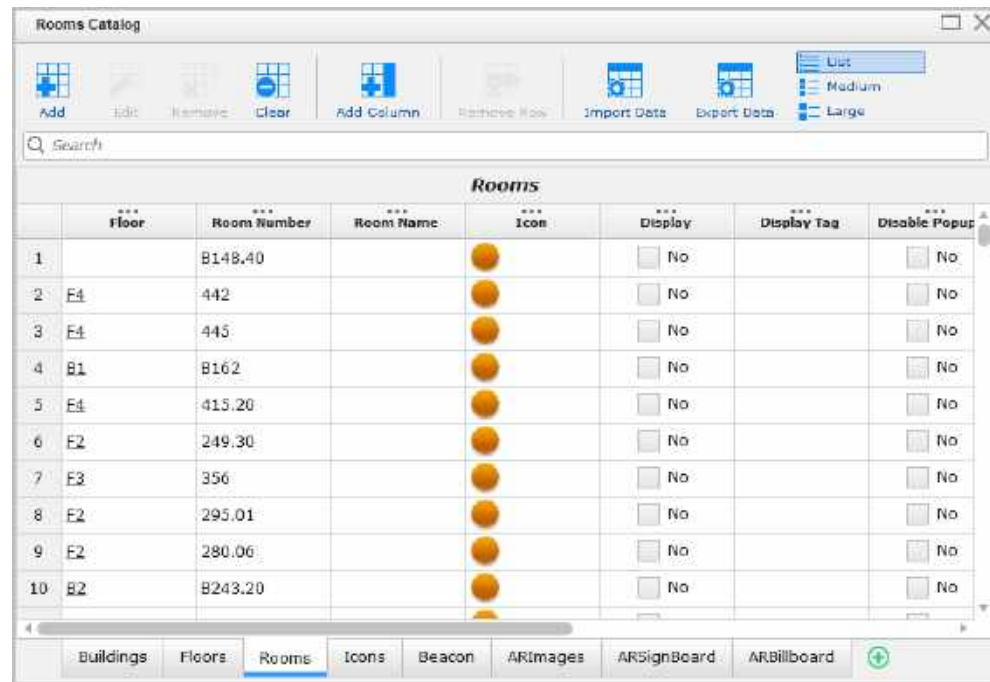












After

Wayfinding

The 22Miles Map Designer Tool and module is used to simplify your mapping projects to build, import 3D models, edit rooms and nodes, and manage routes.

- Manage and edit your custom maps built by the 22Miles team or drag-and-drop your PNG and SVG floor plans.
- Property settings and pick-and-click controls provide a powerful Map Design tool with ease of use with 3D layers and editable floor plans.
- Manage Floor plans through our built-in catalog that is easily editable and allows for import/export listings.
- Publish Mobile Apps with one click, piggyback the same map, animations, and pathways.



	Floor	Room Number	Room Name	Icon	Display	Display Tag	Disable Popup
1		B148.40			<input type="checkbox"/> No		<input type="checkbox"/> No
2	F4	442			<input type="checkbox"/> No		<input type="checkbox"/> No
3	F4	445			<input type="checkbox"/> No		<input type="checkbox"/> No
4	B1	B162			<input type="checkbox"/> No		<input type="checkbox"/> No
5	F4	415.20			<input type="checkbox"/> No		<input type="checkbox"/> No
6	F2	249.30			<input type="checkbox"/> No		<input type="checkbox"/> No
7	F3	356			<input type="checkbox"/> No		<input type="checkbox"/> No
8	F2	295.01			<input type="checkbox"/> No		<input type="checkbox"/> No
9	F2	280.06			<input type="checkbox"/> No		<input type="checkbox"/> No
10	B2	B243.20			<input type="checkbox"/> No		<input type="checkbox"/> No

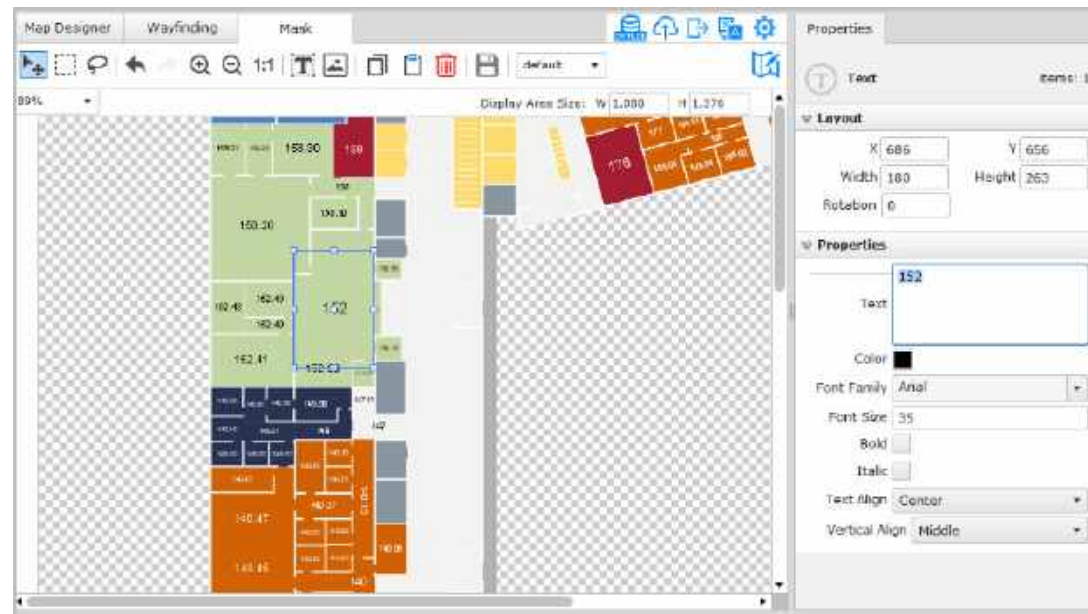


Map Files:

- 2D maps are built using a PNG image of your floor plan.
- 3D maps have an additional SVG file superimposed on top of the PNG leveraging the 22Miles proprietary 3D Engine.
- Adding the 3D Map file will show all 3D images (furniture, glass, doors, etc.)
- 22Miles has natively built in the support for IMDF Map Export.

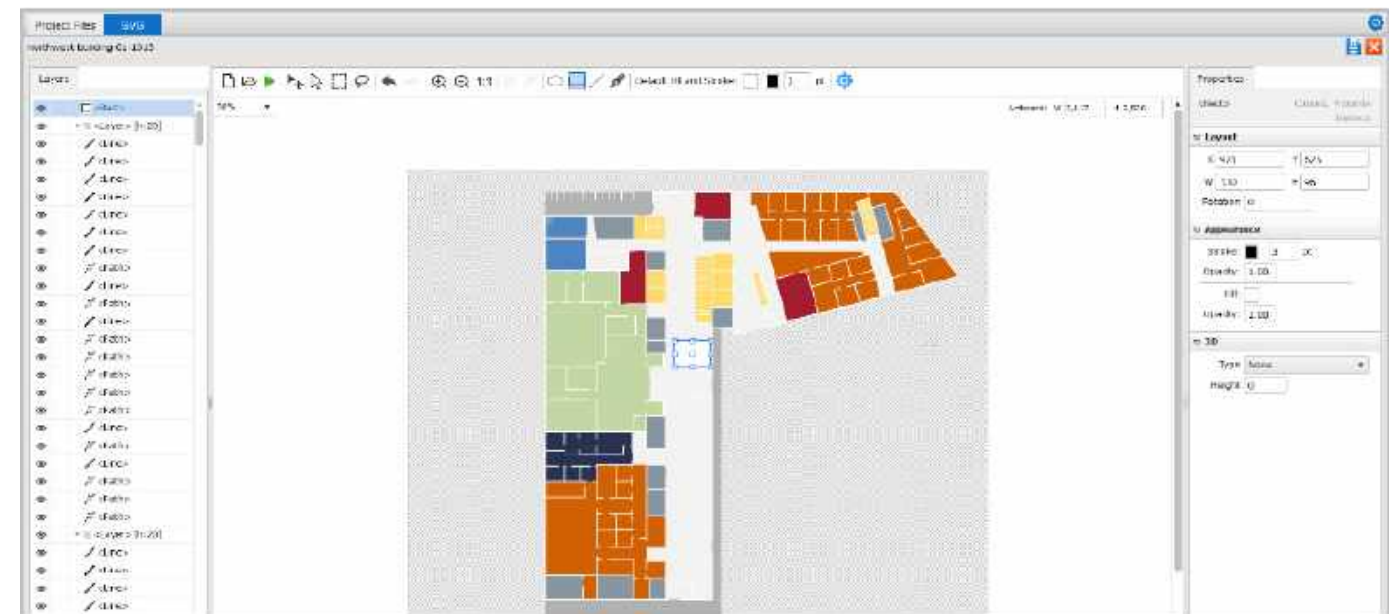
Drag and Drop Icons & Rooms:

- Create and manage a catalog of floors, rooms, icons, and other assets used on the map design.
- Drag & drop for adding things from the catalog to the desired location on the map.
- We provide standard icons (Restrooms, Stairs, Elevators, etc.), but users can import customized Icons.



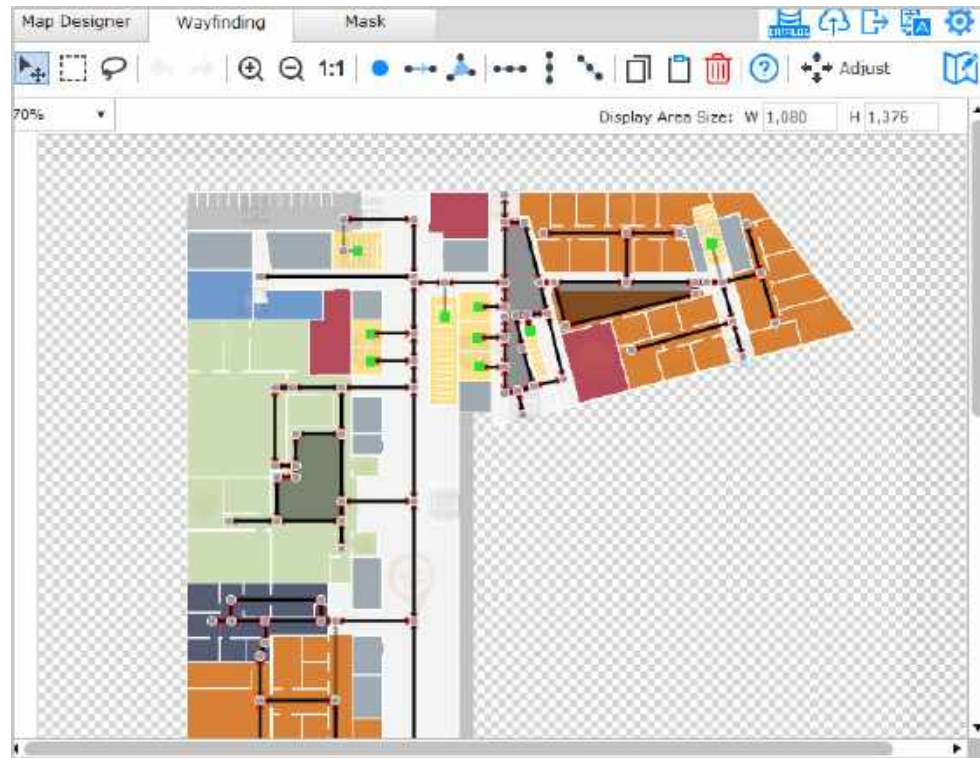
Label Mask:

- Create and manage a layer of visible room labels and logos viewed on the map.



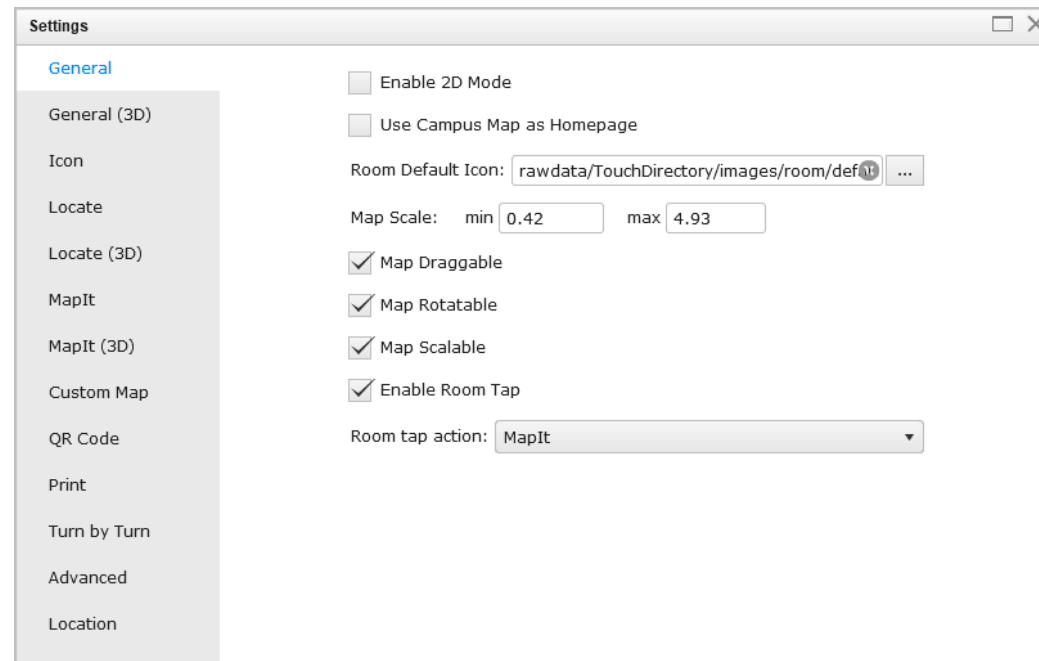
SVG Editor – Map Floor Editor:

- Edit your SVG file directly from the 22Miles map module with our proprietary Map Floor Editor.
- Novice-level design flexibility, no graphic design professionals needed.
- Create new rooms and easily change room colors.
- Create new walls or modify existing ones.
- Adjust wall or room height.



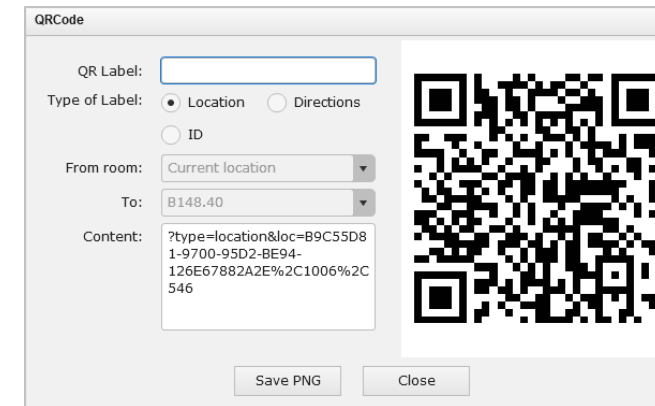
Wayfinding Pathways:

- Create and manage Wayfinding Pathways using our unique Wayfinding Tool.
- Drop Nodes (Wayfinding Points) along all navigation routes.
- Connect the nodes to create point A-B interactive pathways. The system leverages the proprietary 22Miles map engine with a smart pathway algorithm.
- Control Traffic with one-way navigation settings.
- Scheduled events, detours, route closings of elevators, stairs, etc., whenever needed.
- Manage wheelchair routes and accessibility options for - ADA compliance to ease everyone with the same wayfinding experience.



Advanced Map Settings:

- Advanced Map settings will allow you to control Icon, mapping, turn-by-turn options, and much more.
- Adjust Icon Scale and flashing behavior.
- Change the line color and animations on your wayfinding pathways.
- Set printing options when using the print feature.
- Manage your QR Code label for locations, directions, and URLs. Save as a PNG to leverage the directional experience on displays or even stickers.
- And much more.

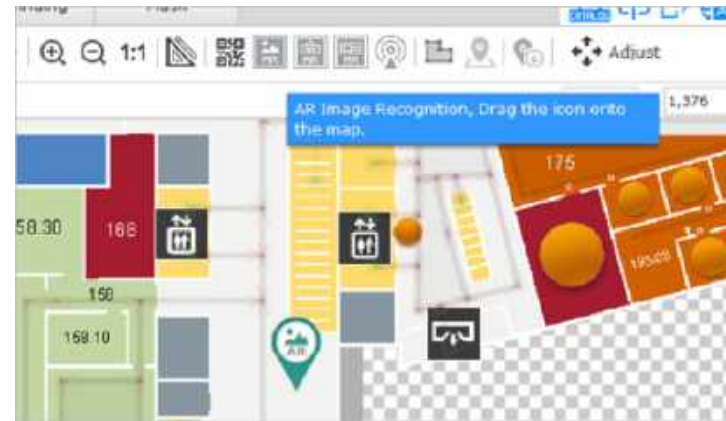


QR Codes:

- QR code can be added to the map as a scannable location to get wayfinding directions or simply an ID in a mobile project.
- When used as a location, scanning the QR code will zoom in to its location on the map.
- When used as wayfinding, scanning the QR code will start the wayfinding route from the current location to a preset destination.



Augmented Reality (AR)



22Miles AR brings a new immersive experience to an existing environment. Creating an engaging, real-time wayfinding adventure.

- 22Miles provides different image recognition options for end-users in a mobile project. It intuitively improves the accuracy over time.
- AR image recognition locates the user's current position on the mobile project map and any surrounding relevant images, icons, or text.
- AR Billboard will display a virtual billboard on the app when the end-user arrives at a location.

Indoor Positioning- Beacons/BLE Support:

Beacon UUID:

Beacon Scanning Interval:

MSE Server:

MSE request time interval:

- 22Miles provides the capability to integrate with third-party beacons/Bluetooth positioning services such as Cisco DNA, Zebra, Gimbal, HP Aruba, etc.
- 22Miles mobile app automatically tracks a user's current location and reflects on the mobile map. All wayfinding will start from the current location and without the need to select a starting point manually.
- All location data is calculated with the help of a third-party positioning server and integrated with the coordinates in the 22Miles map through an X/Y Source.