

Wayfinding Solutions



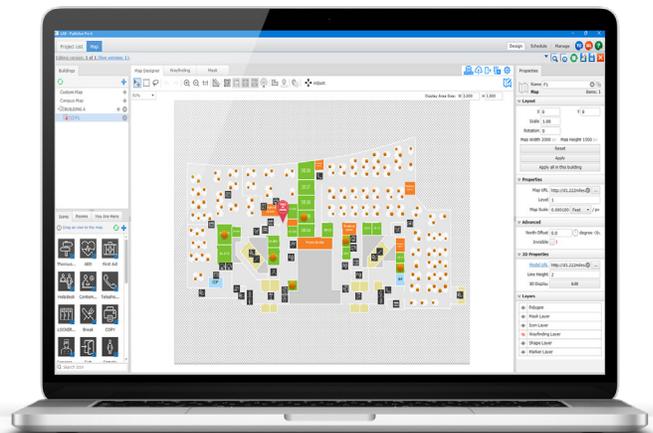
Challenges

An effective wayfinding system requires careful planning and design. This includes understanding the users' needs, the facility's layout, and the resources available for implementation. Maintaining consistency in the design and placement of wayfinding elements throughout a facility can be challenging. Wayfinding elements require ongoing maintenance to ensure they remain legible, visible, and up-to-date. Implementing and managing a wayfinding system can be expensive, requiring careful budgeting to ensure the system is effective and sustainable over the long term. Collecting user feedback is essential for identifying areas for improvement. However, collecting and analyzing feedback can be challenging, particularly in busy or high-traffic environments. As technology evolves, new opportunities and challenges arise for wayfinding systems. This requires ongoing evaluation and adaptation of the system to ensure it remains effective and up-to-date.

How 22Miles Solves Them

Our 22Miles CMS is equipped with best-in-class wayfinding technology to connect with and help visitors get through your facility from the moment they enter the door. Wayfinding quickly orients visitors with interactive 3D maps featuring easy-to-follow animated arrows, support for ADA-accessible routing, and intelligent pathway algorithms that react to building usage. The 22Miles AI Assistant for Wayfinding enhances user accessibility and simplifies navigation, with ChatGPT enabling conversational experiences in virtually any spoken language. Wayfinding can integrate with existing hardware and software APIs to create deeply integrated facility experiences for visitors, customers, staff, patients, or students.

The all-in-one platform of the 22Miles CMS uses a unified backend that enables operators to access and make customizations easily. No specialized programming or code training is needed when updating wayfinding digital signs, kiosks, or mobile devices. Also, wayfinding is easy to launch because our team offers white glove, turn-key services.



Mobile Wayfinding

Mobile solutions play a pivotal role in enhancing the wayfinding experience for visitors. Whether in a healthcare facility, airport, sports arena, or office building, mobile wayfinding offers visitors seamless access to navigation assistance.

This provides several advantages, such as:

Portable Navigation: Visitors can use wayfinding assistance while on the move, making finding their way through your facility even more convenient.

Take it with You: Our included Carry2Mobile technology provides a QR code visitors can scan that instantly transfers wayfinding in a browser window for a frictionless omnichannel experience with no app download.

Interactive Maps: Our mobile wayfinding solution provides easy-to-follow animated arrows to ensure users reach their destinations with minimal hassle.

AR Overlays and Beacons: Augmented Reality (AR) overlays on mobile devices make navigation even more intuitive, with additional visual cues to guide users effectively. Indoor locations are detected in real-time using BLE beacons, geo-magnetic positioning, or our proprietary AR image recognition technology.

Real-Time Blue-Dot Navigation: Integrating with Bluetooth Low Energy (BLE) positioning systems, 22Miles mobile wayfinding solutions offer real-time blue-dot navigation for pinpoint accuracy.

Benefits of using 22Miles

Facility wayfinding helps people navigate complex environments such as hospitals, airports, sports arenas, and office buildings. They are essential for guiding visitors, which reduces stress and anxiety and improves their overall experience. Typically wayfinding uses a conglomerate of signs, maps, and digital displays to direct visitors to their desired destination in a visually appealing and easy-to-follow way. Wayfinding is quickly becoming a standard part of facility digital ecosystems in various industries, from retail to healthcare to higher education.

22miles.com

Interactive 3D Wayfinding Features

Directional Assistance - Help visitors locate their desired destination via interactive directions and maps of each floor.

Address ADA Accessibility - Offer display toggles for ADA routes, movable screen controls for easy access, screen magnification capabilities, and options to read screen text aloud for the visually impaired.

Feature 3D Details - Kiosks, native iOS/Android apps, and our SDK plug-in can include 3D objects such as desks, chairs, stairs, and other assets for a wayfinding experience that's more real to life.

Map Optimization - Our team can import CAD files and generate an immersive 3D wayfinding solution.

Map Editing Tools - Use pick-and-click controls to manage and edit rooms, nodes, and your custom map property settings.

