

Atrius[®] Personal Wayfinder

SDK Specifications | May 2022

Overview

This document describes Personal Wayfinder SDK specifications and requirements.

Personal Wayfinder SDK is a library for integrating Personal Wayfinder and content into your existing Apple iOS or Google Android mobile application.

License Use

For any consumer orientated application to support the venue.

Features

See more details in Personal Wayfinder Baseline Map Content for Consumer Modules:

1. **Interactive Maps** – high resolution, high performance interactive maps complete with support for changing floors multiple floors.
2. **Search** – search for any point of interest by name, category or keyword.
3. **Point of Interest (POI)** – tap any point of interest (POI) on the map for detailed location information for items such as gates, ground transportation, ticket kiosks, shops, restaurants, security checkpoints, and more.
4. **Wayfinding** – visualize directions between two points of interest on the map within the venue, complete with step-by-step instructions and walk-times.
5. **Continuous Content Updates** – ongoing updates to map geometry and POI data updates.
6. **Incremental Software Updates** – ongoing software updates that enable new features and capabilities to the maps and location information.
7. **Custom Theming** – maps, map markers, and other user interface components can be themed to match your brand for use in Licensee's applications.
8. **Offline Support** – cache frequently used venues on a mobile device for offline use

Primary Implementation Mechanism Specifications

Release Level:	Current stable
Language:	English
Operating Environment:	<p>Apple iOS mobile operating systems supported: iOS 10 or above</p> <p>Google Android mobile operating systems supported: Android 12 (API level 32) Android 11 (API level 30) Android 10 (API level 29) Android 9 (API level 28) Android 8.1 (API level 27) Android 8.0 (API level 26) Android 7.1 (API level 25) Android 7.0 (API level 24)</p>
Additional Features	Indoor positioning enabled if venue supports it

Secondary Implementation Mechanism Specifications

Secondary Implementation Mechanism	JS SDK
Release Level:	Current stable
Language:	English
Operating Environment:	Mobile Web
Browser Support:*	<p>Google Chrome (version 64 or above) Mozilla Firefox (version 58 or above) Microsoft Edge (version 42 or above) Safari for Mac OS (version 10 or above)</p> <p><i>*Note that Personal Wayfinder utilizes WebGL for map rendering and therefore requires a browser that supports and has WebGL enabled for maps to render. All browsers listed above support WebGL and have the feature enabled by default on a “typical” install.</i></p>
Additional Features	Apple Core Location enabled if venue supports it on iOS devices only.