ARUBA MERIDIAN

Location services platform

Aruba Meridian is a cloud-based, software-as-a-service (SaaS) solution that is part of Aruba's location services portfolio. It includes both mobile engagement and asset tracking capabilities. Customers can start with wayfinding, proximity-based notifications or digital asset tracking and add functionality as needed via simple subscription-based licensing.

Meridian's cloud-based architecture allows organizations and venues like corporate and university campuses, as well as stadiums, airports, museums, hospitals, and retail stores to easily manage their location services needs from anywhere.

The inclusion of proximity-based notifications and analytics makes Meridian the industry's leading full featured location services platform.

MAPPING AND ROUTING

Static wayfinding lets users set the starting point and destination to receive turn-by-turn instructions on how to reach their destination. Auto-routing to any landmark on the map is possible.

Also included are the necessary services to convert your floorplan into a color map that's optimized for an engaging mobile application. SDKs for both iOS and Android operating systems are included. A Web SDK enables maps to be visualized in any browser.

BLUE DOT WAYFINDING

Knowing your current location on a floorplan provides significant value. Leveraging any of the Aruba Beacons (battery or non-battery powered), allows customers to display the user's actual location as a blue dot to enable real-time navigation and directions.
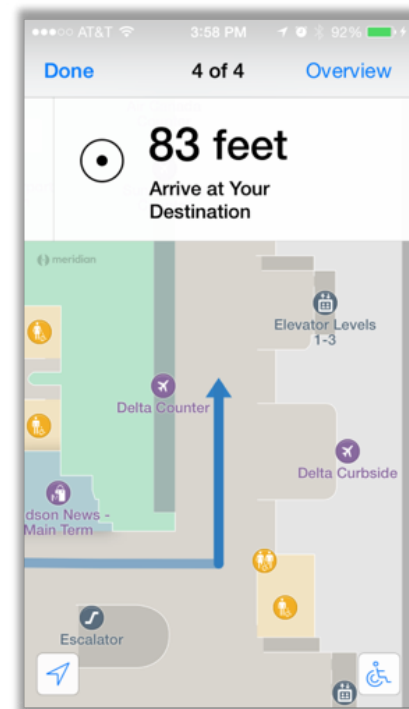
In addition, this provides the ability to enable location sharing – where one mobile user can see the location of another mobile user – for a number of use case such as find-a-friend or find-an-associate.

With a typical deployment, expected accuracy is 3-5 meters with 1-2 seconds of latency.

Functionality is included in an SDK for both iOS and Android operating systems.

KEY FEATURES

- **Mapping and Routing** – Easily upload and manage location floorplans and points of interest. View maps on iOS or Android devices or in a standard web browser.
- **Blue Dot Wayfinding** – Add turn-by-turn directions based on mapping, current location and Aruba's BLE-based beacon solutions.
- **Asset Tracking** – Support the tracking of valued items using floorplans, BLE-enabled Aruba WLAN infrastructure and tags.
- **Campaigns** – Amplify promotions or general news via proximity-based notifications. Supported with or without map feature. Includes campaign analytics.
- **AppMaker** – Quickly build a custom branded mobile app for mobile engagement or asset tracking.

Blue dot wayfinding

ASSET TRACKING

Leverage maps and Aruba infrastructure including Aruba APs and Aruba Tags, to easily locate valued assets via mobile apps and asset management applications.

The capability is ideal for healthcare facilities looking to track high-valued assets such as beds, infusion pumps, portable ultrasound machines, or wheelchairs.

The x,y location of an asset is displayed on a map that delivers expected accuracy of 3-5 meters with 1-2 minute latency.

Functionality is included in an SDK for both iOS and Android operating systems. A Web SDK is also provided for visualization in a web browser.
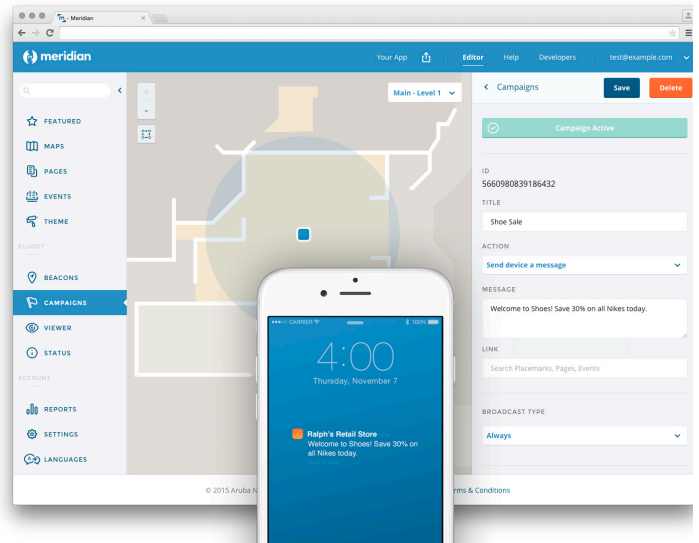

Easily send push-notification messages when users enter predefined zones.

APPMAKER

For those requiring a mobile application in a short timeframe or for those without budget or expertise for a full-custom app, the Meridian AppMaker is a semi-custom, cloud-based, app development option.

The app branding and deployment can be controlled by the customer. Support is included for both iOS and Android devices.

Locating assets on a mobile device

CAMPAIGNS

Use any of the Aruba Beacons (battery or non-battery powered) and the Meridian platform to push notifications to any mobile device that has a coresponding mobile app installed. Options include sending notifications upon entry or exit when in proximity of a beacon. Instead of directly sending a notification to the end user, built-in support for web hooks enable unlimited possibilities.

Settings allow control over the distance that someone must be from a beacon to trigger a notification. A programmable cool-down option ensures that users do not receive an abundance of the same notification.

Full functionality is included in an SDK for both iOS and Android operating systems.
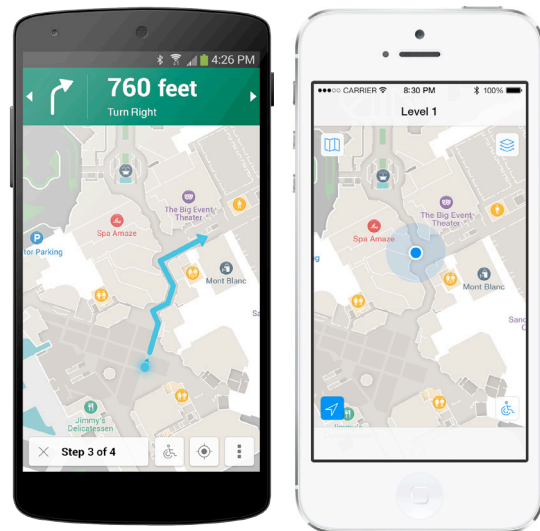

Meridian AppMaker works on both iOS and Android devices.

During development, changes can immediately be tested using a full app emulator. Once app development is complete, Aruba experts will submit the finished app to both the Apple App Store and Google Play Store.

AppMaker Language Support:

Arabic, Czech, Dutch, English, British English, French, German, Hebrew, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese, Vietnamese

ORDERING INFORMATION

Part Number	Description
JZ091AAE	Maps with static wayfinding for every 100K sqft or 10K sqm per year.
JZ092AAE	Blue dot for every 100K sqft or 10K sqm per year.
JZ093AAE	Tracking for every 100K sqft or 10K sqm per year.
JZ094AAE	White label app subscription with content management per year.
JZ095AAE	Campaigns for unlimited triggers per year, with goal-based reporting.

Ordering Example 1: Blue dot wayfinding for 200,000 sq ft. per year including AppMaker
- 2 x Maps for 100,000 sq ft (JZ091AAE)
- 2 x Blue dot for 100,000 sq ft (JZ092AAE)
- 1 x AppMaker (White label) subscription (JZ094AAE)

Ordering Example 2: Asset Tracking for 500,000 sq ft per year (customer developed app)
- 5 x Maps for 100,000 sq ft (JZ091AAE)
- 5 x Asset Tracking for 100,000 sq ft (JZ093AAE)
- The SDK is included at no extra cost

Ordering Example 3: Campaigns only, per year (customer developed app)
- Since no map is required, only Campaigns is required
- 1 x Unlimited campaign triggers per year (JZ095AAE)

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