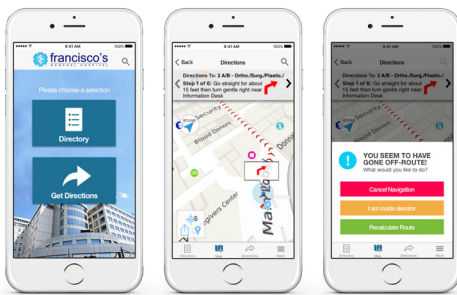# Increasing patient satisfaction scores with wayfinding

Indoor maps and navigation can deliver compelling value and ROI for hospitals and healthcare networks across areas and use cases such as patient and visitor experience, operational/staff efficiency, asset tracking, safety and security, facility management and more.

Connexient partnered with Mist to simplify the deployment and management of indoor location services while maximizing the value to healthcare networks. Below is an overview of the joint Mist / Connexient solution:

Connexient Indoor Mapping, Navigation and Digital Wayfinding

Connexient provides the platform, tools and services required to build and maintain Navigation-quality maps and Navigation Services as an Enterprise solution. Coverage includes outdoor + indoor, campus and network wide navigation to solve real world way wayfinding problems such as guiding users to the right parking garage and saving their car location.

The Connexient MediNav™ solution includes:

- Mapping + Data Services
- Cloud-based Map editor + CMS
- Mobile Application SDK and Web APIs
- All Screens – Web, Kiosk, Digital Signage and MobileMist Location Services

The Mist wireless platform was designed from the ground-up to handle the unique wireless needs of the smart device era. It combines cloud intelligence with on premise Access Points to simplify wireless operations and deliver high value location services via Wi-Fi and Bluetooth Low energy (BLE). Unique advantages of the Mist BLE solution include:

High accuracy location- Mist offers the best location accuracy with 1-3 meter accuracy and sub-second latency in most environments. Machine learning eliminates the need for BLE site surveys and provides the best user experience.

Virtual beacons- With Mist's patented vBLE technology, you can deploy an unlimited amount of virtual beacons for proximity messaging with the simple click of a mouse. There is no need to purchase, deploy and manage separate physical beacons with batteries, eliminating headaches and up to 90% of BLE hardware costs.

Open APIs for easy integration– Mist offers a mobile SDK for iOS and Android with three types of APIs for seamless integration with complementary products, such as the Connexiant Medinav mobile application.

Both mist and Connexiant provide location based analytics that let you track a variety of stats, including visits, dwell times, transit times, and more.

How vBLE Works

1. Mobile device listens to the BLE beacons from the Mist Access Point.
2. Mist SDK sends information to the Mist cloud.
3. Mist cloud sends location and map information to the Connexient Medinav app and provides realtime updates.
4. Virtual Beacons can be created anywhere.