

Industry: Healthcare

# Better Patient Experiences with AI-driven Wireless



The Mist Learning Wireless LAN (WLAN) uses Artificial Intelligence (AI) to simplify Wi-Fi operations, deliver amazing location-based experiences with virtual Bluetooth® LE, and provide invaluable insight into asset locations.



Wi-Fi with Assurance



Virtual Network Assistant

Mist is the first vendor to use Artificial Intelligence to make Wi-Fi predictable, reliable, and measurable. Setup is easy, with automated operations that let you focus on clinical operations and patient care instead of troubleshooting.

## WI-FI IS PREDICTABLE, RELIABLE AND MEASURABLE

- Set, monitor and enforce customized service levels for doctors, nurses, and patients such as time to connect, throughput, and capacity
- Ensure a consistent experience across multiple generations of devices and clients
- Predict problems before they arise
- Mist Access Points are state of the art, designed for reliability in high density and challenging RF environments

## EASY SETUP AND OPERATIONS

- Simplified deployment
- 100% operated via the cloud (no on-premises controllers)
- Guest portal with Facebook and Google logins
- Open APIs for automated notifications and workflows

## PROACTIVE TROUBLESHOOTING WITH ACTIONABLE INSIGHT

- Automated event correlation pinpoints problems across wireless/wired/ device domains
- Dynamic packet capture shortens issue resolution to minutes instead of days
- Baseline performance and monitor trends over time

## VIRTUAL NETWORK ASSISTANT

- Answer simple language queries, like how was Bob's Wi-Fi?
- Correlate data for easy root cause identification, trending analysis, and impact assessment
- Curate and prioritize data so answers are easy to understand
- Deliver actionable insight for rapid problem resolution and proactive operations.



Bluetooth® LE Engagement



Bluetooth® LE Asset Visibility

Mist is the only vendor to deliver high accuracy location services without requiring battery beacons. By virtualizing the indoor location experience, Mist has changed the indoor location game.

## VIRTUAL BEACONS ENSURE SEAMLESS ENGAGEMENT WITH PATIENTS

- Freedom to create push notifications anywhere with virtual beacons
- Deploy unlimited virtual beacons and move easily using software (UI or APIs)
- Provide turn-by-turn directions with sub second latency
- Proximity notifications with 1-3 meter accuracy

## EASILY LOCATE PEOPLE AND ASSETS

- Offer assistance to patients at their time of need
- Greet patients on arrival with relevant information, such as where to pick up medicine or check-in for an appointment
- Ensure scarce medical equipment is deployed in the best location
- Locate wheelchairs, infusion pumps, and other mobile assets

## OPTIMIZE SERVICES BASED ON TRAFFIC PATTERNS

- Real-time analytics (visits, dwell times, time of day)
- 100% open via APIs



WAYFINDING



PROXIMITY MESSAGING

# The Mist learning WLAN delivers the best Wi-Fi and Bluetooth® LE experiences for doctors, nurses, and patients

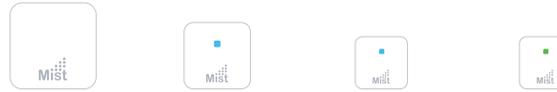
## MIST CLOUD



The Mist Platform, featuring a microservices architecture, makes wireless deployment easy and scalable



## MIST ACCESS POINTS



	AP61	AP41	AP21	BT11
<b>Deployment</b>	Outdoor	Indoor	Indoor	Indoor
<b>Wi-Fi</b>	802.11ac Wave2 4x4:4	802.11ac Wave2 4x4:4	802.11ac Wave2 2x2:2	-
<b>Wi-Fi Tri-Radio</b>	✓	✓	✓	-
<b>IoT Interface</b>	-	✓	-	-
<b>Antenna Options</b>	Internal/External	Internal/External	Internal	Internal
<b>Virtual Bluetooth LE</b>	✓	✓	✓	✓
<b>Warranty</b>	1 Year	Limited Lifetime	Limited Lifetime	Limited Lifetime

## WHY IS MIST WI-FI UNIQUE?



Easily monitor user Service Level Expectations (SLE) in real-time and provide predictive recommendations to avoid or fix problems.



Dynamically capture packets the moment an event occurs; Rewind to see any user's state at any point in time.



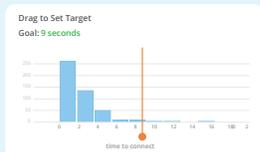
Proactively identify and fix the root causes of problems, using Mist's Proactive Analytics and Correlation Engine (PACE).

## WI-FI WITH ASSURANCE

**Predictable and reliable Wi-Fi:** Set, monitor, and enforce levels for doctors, nurses, and patients

**Proactive operations:** Automatically identify and fix wired/wireless/device problems using machine learning

**Minimize Wi-Fi costs:** Focus on things that matter; eliminate onsite visits with dynamic packet capture



WI-FI SERVICE LEVELS

## BLUETOOTH LE ENGAGEMENT SERVICE

Deliver indoor location-based services to your mobile devices, such as turn-by-turn directions and contextually relevant messages.

Greet patients when they arrive and accelerate check-in process.

Help doctors and nurses get to the right patient more quickly.



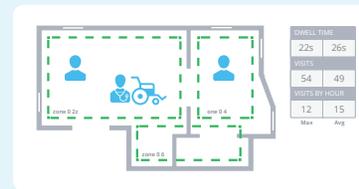
WAYFINDING



PROXIMITY MESSAGING

## BLUETOOTH LE ASSET VISIBILITY SERVICE

Get full visibility into people and things using standards-based Bluetooth LE



- Ensure medical equipment is where it is needed most
- Locate key personnel and assets

## WHY IS MIST BLUETOOTH LE UNIQUE?



Patented virtual Bluetooth LE technology lets you deploy and move virtual beacons with the simple click of a mouse (or via APIs), eliminating the need for physical beacons.



Monitor visits and dwell times, with detailed drill down into zone traffic patterns and congestion points.



100% standards-based approach, using Bluetooth LE that is integrated into enterprise-grade Access Points.

## CUSTOMERS

