

Great Students Require Great Wireless

Online learning is critical to every stage of education. However, the best smart classrooms are only as good as the underlying WLAN. Students need to connect with the wireless network to connect with their teachers.



Wi-Fi Assurance

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 teaching instead of troubleshooting.

WI-FI IS PREDICTABLE, RELIABLE AND MEASURABLE

- Set, monitor, and enforce service levels for all students, such as time to connect, throughput, and capacity
- Ensure a consistent experience across all devices and applications (Chromebooks, iPads, Google Apps, Internet, etc.)
- Predict problems before they arise, such as capacity issues during tests
- Mist Access Points are state of the art, designed for reliability in high density environments

EASY SETUP AND OPERATIONS

- Simplified deployment
- 100% operated via the cloud
- Guest portal in just 4 clicks
- Point/click setup of policies that follow students as they roam
- 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 eliminates on-site troubleshooting
- Virtual wireless assistant resolves problems quickly



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 enables:

- Wayfinding for directions across campus or self-guided tours
- Proximity notifications, such as flu shot reminders when near the nurse's office
- Virtual roll call
- Analytics to measure foot traffic in libraries, events, etc.
- Locate and/or alert faculty and students in an emergency
- Find device carts and other mobile equipment
- Prevent unsupervised young children from wandering offsite
- And much more...

The Mist Learning WLAN delivers the best Wi-Fi and Bluetooth® LE experiences for students, teachers, administrators, and guests.

MIST CLOUD



The Mist cloud, featuring a micro-services architecture



MIST ACCESS POINTS



	AP61	AP41	AP21	BT11
Deployment	Outdoor	Indoor	Indoor	Indoor
Wi-Fi	802.11ac Wave2 4x4:4	802.11ac Wave2 4x4:4	802.11ac Wave2 2x2:2	–
Wi-Fi Tri-Radio	✓	✓	✓	–
IoT Interface	–	✓	–	–
Antenna Options	Internal/External	Internal/External	Internal	Internal
Virtual Bluetooth® LE	✓	✓	✓	✓
Warranty	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.



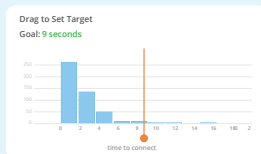
Proactively identify and fix the root causes of problems, using Mist's Proactive Analytics and Correlation Engine (PACE).

MIST WI-FI ASSURANCE SERVICE

Predictable and reliable Wi-Fi: Set, monitor, and enforce levels for all students

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

MIST BLE ENGAGEMENT SERVICE

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



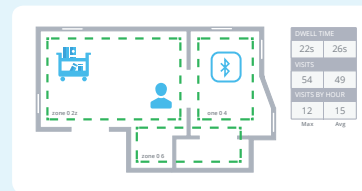
WAYFINDING ACROSS CAMPUS



PROXIMITY MESSAGING

MIST BLE ASSET VISIBILITY SERVICE

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



- Easily locate key resources, such as AV equipment, buses, and security personnel
- Direct first responders in an emergency
- Prevent young children from leaving premises unsupervised

WHY IS MIST BLE UNIQUE?



Patented virtual BLE (vBLE) 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

