

# VISION NET

Your Vision. Our Network.

Modern business or enterprise-grade WiFi networks are complicated systems that require advanced WiFi designs that combine both hardware and software to support the ever-increasing amount of devices and cloud-based applications.

At Vision Net, we offer an all-in-one WiFi as a Service platform (managed wifi subscription) that includes managed network services.

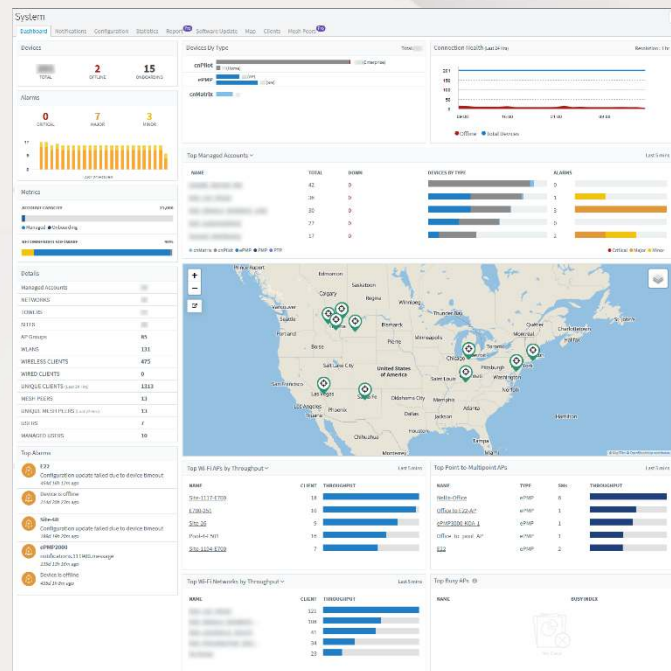
Below we will work to dispel some of the mystery around managed network services and explain what exactly you're getting (or should be getting) with these services, and why they are important.

Let's look at the Vision Net process behind our managed network services.

## Monitor

Once your network is up and running, we provide software that allows you to see your network coverage in real time and allows us to connect to each networking component we've deployed. We are the team determining the who, what, when, where, why, and how as it relates to your network.

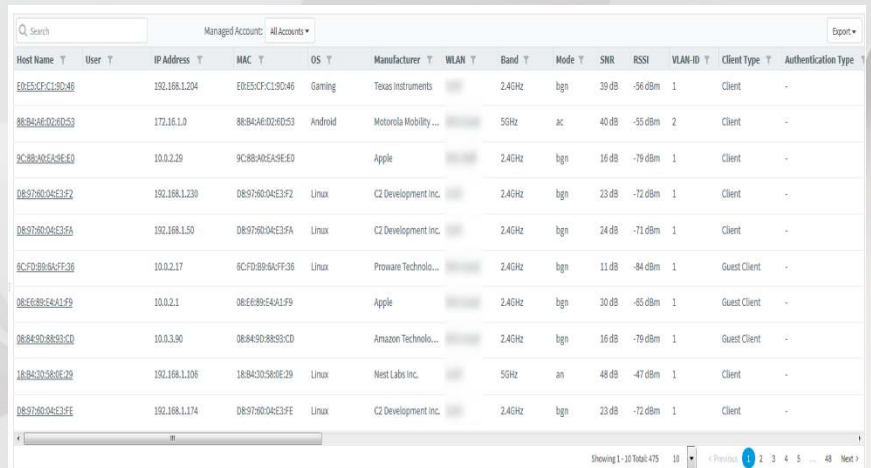
- **Network Monitoring** — Vision Net uses network monitoring tools that monitor your system 24/7 (the **when**) and can proactively alert you when equipment goes offline, or threshold limitations are exceeded. In addition, the monitoring collects system performance data over time, allowing for insight into trend analysis. Without this insight (the **what**), it is difficult and most times impossible to chart your system's performance and understand **where** it is having challenges and **why**.



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- **Devices** — The monitoring that Vision Net provides for your network also captures information about connected clients (the **who**). This information is invaluable for understanding the makeup of the devices on your



Host Name	User	IP Address	MAC	OS	Manufacturer	WLAN	Band	Mode	SNR	RSSI	VLAN-ID	Client Type	Authentication Type
E0E5CF C13D46		192.168.1.204	E0E5CF C13D46	Gaming	Texas Instruments		2.4GHz	bgn	39 dB	-56 dBm	1	Client	-
8884AE 027D53		172.16.1.0	8884AE 027D53	Android	Motorola Mobility		5GHz	ac	40 dB	-55 dBm	2	Client	-
9C8B4D E45E E0		10.0.2.29	9C8B4D E45E E0		Apple		2.4GHz	bgn	16 dB	-79 dBm	1	Client	-
D89780 04E3 F2		192.168.1.230	D89780 04E3 F2	Linux	C2 Development inc.		2.4GHz	bgn	23 dB	-72 dBm	1	Client	-
D89780 04E3 FA		192.168.1.50	D89780 04E3 FA	Linux	C2 Development inc.		2.4GHz	bgn	24 dB	-71 dBm	1	Client	-
6C7D B96A FF36		10.0.2.17	6C7D B96A FF36	Linux	Proware Technolo...		2.4GHz	bgn	11 dB	-84 dBm	1	Guest Client	-
08E689 E441 F9		10.0.2.1	08E689 E441 F9		Apple		2.4GHz	bgn	30 dB	-65 dBm	1	Guest Client	-
088450 2853 C0		10.0.3.90	088450 2853 C0		Amazon Technolo...		2.4GHz	bgn	16 dB	-79 dBm	1	Guest Client	-
188430 589E 29		192.168.1.108	188430 589E 29	Linux	Nest Labs Inc.		5GHz	an	48 dB	-47 dBm	1	Client	-
D89780 04E3 FE		192.168.1.174	D89780 04E3 FE	Linux	C2 Development inc.		2.4GHz	bgn	23 dB	-72 dBm	1	Client	-

network, **how** they are using the network, and what impact they have on it. This insight also helps with troubleshooting the connectivity issues that inevitably happen to these devices. Understanding where the connectivity issue is happening or why it is happening drastically reduces the troubleshooting time needed to resolve the issue. Without this insight, WiFi troubleshooting methods are scattershot, and end users get really frustrated, really quickly.

## Manage

The right management process is proactive rather than reactive. We have found that many **WiFi performance** problems are actually preventable with the right software tools, and we've folded those tools into our management process to ensure a stable WiFi network.

- **Network management** — **Network management** is crucial to maintaining high performance and, as a result, user satisfaction. Our network management identifies system outages, works to correct them, and notifies the responsible parties for remediation. Network management also includes reviewing configurations and running firmware to ensure the network is up to date and performing the best it can.

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## A Supportive Relationship

At Vision Net we often say that a wireless network is a living thing. Too often we see business leaders take a “set it and forget it” approach to their WiFi network installation, sometimes spending premium dollars on high-end [WiFi equipment](#) but failing to have a strategy in place for supporting their network on an ongoing basis.

Months or years later, they call us because their WiFi performance is lousy and their end users are not happy, and a quick assessment reveals why: they’ve treated their network as something that’s static, when really it’s dynamic.

Your WiFi network is always subject to changing variables: devices, users, applications, and the physical environment. So it’s critically important to adjust and optimize your network on an ongoing basis.

The Vision Net WiFi platform realizes this, and that’s why managed network services are included as part of our **subscription** offering to our customers.

Having a trusted partner to oversee your wireless network and provide ongoing support is a key part of a successful WiFi strategy. If you were to pull back the curtain on your current or future wireless partner’s managed network services, what would you see? And how would it stack up against the Vision Net process?

