



ANY BUILDING • ANY FLOORPLAN

ANYWHERE

COMPANY OVERVIEW

# Airvine was Founded in 2018 in the Heart of Silicon Valley

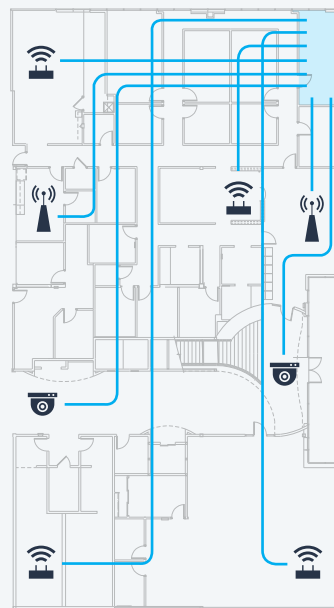
## A New Solution – Look Ma, No Wires!

**Since 2018 the team has filed five patents including NLOS mmWave operation and wireless concrete wall penetration; built, deployed, and tested our breakthrough systems around the globe.**

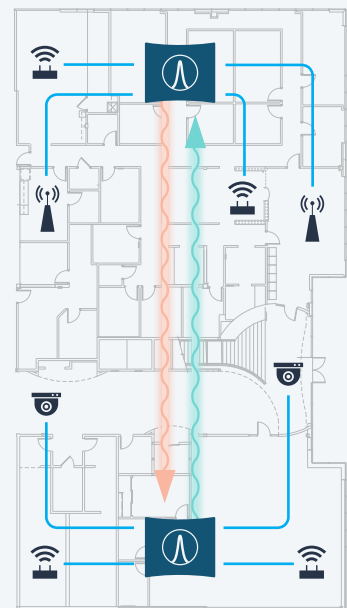
Our offerings seek to address the segment of enterprise networking that until now has been the exclusive provenance of cable and fiber: Local Area Network (LAN) backbones. For years the LAN was primarily used to connect computers. As Wi-Fi blossomed, device-based ethernet connections have migrated to wireless; in fact, most laptops today don't even have an ethernet port.

**New applications, new IoT devices and next generation APs all use cable and fiber today for connectivity. Until Today.**

Much of this infrastructure is old, supporting maybe 100 Mbps—if that. New Wi-Fi standards have pushed APs to gigabit speeds and more. In addition, these wireless networks are now supporting an expanding cadre of applications, from IoT and video security to AR/VR, and more. 5G NR femtocells, and more. For the future, LAN backbone multi-gigabit speeds, low latency, and high security are required.



Legacy Hard-Wired Solution



WaveTunnel™ System by Airvine

**Using a wireless backbone for the current and future LAN has all the advantages wireless typically brings—it is fast to install with minimal physical disruption.**



Until today, however, a wireless backbone solution that can deliver on these needs has not been available. The right answer for this application must be Non-Line-of-Sight, meaning it goes through walls, around corridors, through concrete, has multi-gigabit performance, and is highly secure.

# Our Vision : Pervasive Connectivity for the Modern Enterprise.

## Enter the WaveTunnel™ System from Airvine

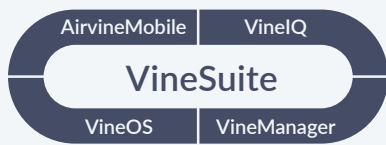
### WaveTunnel by Airvine Operates in the 60GHz Band

Delivering multi-gigabit speeds with true Non-Line-of-Sight capabilities, making it the only solution in this band that can steer around corners and penetrate most indoor walls. It can integrate with existing LAN backbones or function as a separate network for IoT or guest traffic, ideal for applications in numerous markets.



### Now Introducing the WaveCore™

Introducing WaveCore, a key component of our pervasive connectivity solution set, designed to enhance our wireless backbone capabilities. WaveCore seamlessly works to penetrate through concrete, ensuring fast, reliable, and secure connectivity in challenging environments. This innovation makes our solutions the most versatile and robust on the market, providing unparalleled connectivity in even the most demanding settings.

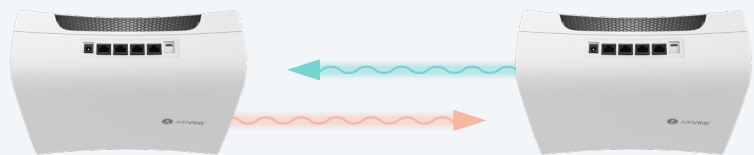


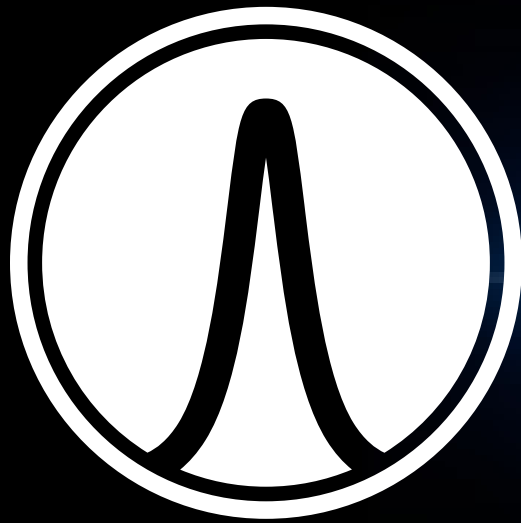
### Powered by VineSuite

Supported by the VineSuite software, which includes VineOS, VineManager, AirvineMobile, and VineIQ, the "Wave" networks by Airvine offer automatic re-routing, robust QoS, and secure connectivity.

**The WaveTunnel system can be integrated with the existing LAN backbone, or, if desired, can be deployed as a parallel but completely separate network, allowing segmentation of security-sensitive applications from inherently insecure IoT traffic.**

While the benefits of wireless networks are well-known, using wireless as an enterprise backbone was not feasible until the introduction of the WaveTunnel and WaveCore systems. These innovations, coupled with VineSuite, transform the way we think about LAN backbones, delivering high-performance, Non-Line-of-Sight, secure connectivity for any building, any floorplan, anywhere. With Airvine as your partner, delivering pervasive connectivity has never been easier.





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