



Corporate Fact Sheet



FOUNDED

June 2012

HEADQUARTERS

Santa Clara, California

STATUS

Privately Owned

MARKET

Gigabit Wireless

FOUNDERS

Brian Hinman
Jaime Fink
Tabetha Hinman

PRODUCTS

Backhaul Radios
Access Points
Client Devices

CUSTOMERS

Thousands in over 100 countries

Real. Big. Wireless.™

Mimosa is the leader in cloud-managed, hybrid fiber-wireless (HFW) network solutions for the post-copper era. Deploying Massive MIMO technology, Mimosa designs and manufactures outdoor gigabit wireless platforms for service providers demanding fiber-fast networks. Mimosa technology provides the highest level of scale, capacity and reliability for multiple verticals and applications.

Recent technology innovations are finally bringing fixed wireless into prime time, and large industry players are jumping in. Google Access recently declared its intention to abandon fiber for wireless at the last mile. Verizon is shifting its 5G strategy from a mobile solution to fixed access. Squarely in the center of this renaissance, Mimosa is uniquely positioned to deliver the next generation devices that address the exploding consumer and business demand for faster and more scalable broadband internet.

Our service provider customers are in underserved rural settings, competitive sub-urban settings and high-density urban environments, all around the world. These service providers can now provide an unparalleled level of connectivity to enterprise customers, home subscribers and public entities including schools, hospitals and city offices.



Mimosa Technology- What Sets Us Apart?

Massive MIMO

“Multiple-In-Multiple-Out” technology has fueled the growth in Mobile and Wi-Fi capacity, continually improving spectrum efficiency with the addition of more MIMO streams and smart antenna array technologies. Mimosa is leading this innovation by leveraging disruptive low-cost chip technology.

Beamforming & Multi-User MIMO

As Massive MIMO increases capacity, antenna beamforming is a crucial technology innovation used by an access point that allows spectrum to be reused by multiple clients simultaneously, radically improving the simultaneous capacity of the radios. Using precise ge positioning information from each client, wireless antenna transmit signals which are focused towards each unique client, achieving improved signal levels, and significantly reducing interference in the spectrum. Beamforming also creates spatial opportunities for additional MIMO streams to be used simultaneously, a technology known as Multi-User MIMO. In outdoor wireless, as MIMO technology grows from 1.5 up to 10 Gbps of capacity at the access point, MU-MIMO enables these powerful hubs to share that bandwidth to wireless clients to achieve even higher spectral efficiency.

Synchronized Spectrum Reuse

Mimosa scales spectrum reuse beyond a single access point, stretching the benefits across an entire network. Current fixed wireless deployments typically require using the entirety of available multipoint spectrum as networks scale, quickly running out of necessary capacity and exhausting this precious resource. By synchronizing and coordinating all the clients in the network to communicate in unison, the “self interference” can be eliminated, opening up service possibilities in even the highest population density deployments. By using high precision GPS for synchronization in each access point, Mimosa maximizes spectrum capacity, and improves operation in heavier noise environments.

Complete Cloud Control

Operating a wireless network goes far beyond great wireless devices, it involves proactively handling the wide range of problems encountered in outdoor networking and wireless interference. Mimosa’s advanced cloud technology constantly keeps tabs on each device as well as network-wide spectrum conditions, to get the most out of scarce spectrum resources. While each Mimosa device is smartly self-aware, Mimosa Cloud services streamline the subscriber experience and optimize spectrum use network-wide.