



Corporate Fact Sheet



Founded

June 2012

Headquarters

Santa Clara, CA, USA

Status

Privately Held

Market

Gigabit Wireless

Founders

Brian Hinman
Jaime Fink
Tabetha Hinman

Products

Backhaul Radios
Access Points
Client Devices

Employees



More than 100

Real. Big. Wireless.

Mimosa is the leader in cloud-managed gigabit wireless solutions. Our high-performance solutions deliver fiber-fast wireless broadband for a fraction of the cost. The company is recognized in the industry for the highest capacity and lowest cost per Mb.

Mimosa backhaul radios, access points and client devices are engineered to address the exploding consumer and business demand for faster and more scalable broadband Internet.

Our customers are in underserved rural settings, competitive suburban settings and new developing urban connectivity applications. They include enterprise customers, Internet Service Providers and public entities including schools, hospitals and city offices.

Backhaul	Access Point	Client	Cloud Services
			
Mimosa B11, Mimosa B5, Mimosa B5c, Mimosa B5-Lite	Mimosa A5 Mimosa A5c	Mimosa C5 Mimosa C5c	Mimosa Design Mimosa Manage

Mimosa Technology- What Sets Us Apart?

Massive MIMO

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

Beamforming

As Massive MIMO increases capacity, antenna beamforming is a crucial technology enabling spectrum used by an access point to be reused by multiple clients simultaneously. Using precise geolocation information from each client, wireless antenna transmit signals are focused towards each unique client, achieving improved wireless signals, and significantly reducing interference in the spectrum.

Multi-User MIMO

Beamforming creates spatial opportunities for additional MIMO streams to be used simultaneously, known as Multi-User MIMO. When downstream traffic arrives for multiple clients, the access point identifies geolocation-based beamforming opportunities to service those clients simultaneously, radically improving the simultaneous capacity of the radios. 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 incredible spectral efficiency.

Synchronized Spectrum Reuse

Spectrum reuse can be scaled beyond a single access point, stretching the benefits across an entire network. Broadband deployments now use a fraction of the previous spectrum, opening up service possibilities in even the highest population density deployments. By synchronizing and coordinating all the clients in the network to communicate in unison, the “self interference” can be eliminated. Leveraging 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, it involves proactively handling the wide range of problems encountered in outdoor networking and wireless interference. Mimosa leverages advanced cloud technology to constantly keep 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 subscriber experience and optimize spectrum use network-wide.