

# Wi-Fi Infrastructure for the Mobile Business and Professional



Bandspeed AirMaestro™ provides a disruptive new Wi-Fi network architecture that is dedicated to serving businesses and professionals that require ubiquitous, managed access to all existing and emerging forms of network content from an exploding array of handsets as well as their portable and legacy devices.

With Bandspeed's AirMaestro™ Architecture, businesses have the opportunity to a wireless extension to their existing local-area network using a Wi-Fi network infrastructure that provides wired LAN reliability, availability, and serviceability while comprehending unique Wi-Fi management, security, and roaming requirements. These features can also be deployed in Greenfield deployments, providing a complete networked office with minimal wiring expense.

The explosion of portable business class tools and devices demand robust access to corporate servers as well as the Internet in order to fulfill business functions and processes that are often Internet resident. Bandspeed's AirMaestro™ Architecture makes this possible at a fraction of the cost of a new network installation.

Managing the performance and security of Wi-Fi networks has become both mission critical and increasing complex. Rogue APs, neighboring WLANs, legacy electronic equipment and poor Wi-Fi deployments have left many businesses disillusioned by sluggish performance, lost internet connections and unforeseen network security issues. The recent explosion of multimedia devices attaching to Wi-Fi networks heightens the interference crisis.

In the face of these daunting conditions, businesses are demanding new real-time applications, like voice-over-Wi-Fi, to reduce costs, improve productivity and remain competitive. However, adding real-time applications to

already broken Wi-Fi networks is a sure recipe for devastating business interruptions due to poor call quality, dropped calls and potential voice call security breaches. In this constantly changing Wi-Fi environment, automated monitoring, security and optimization are required to ensure business success.

Bandspeed's AirMaestro platform directly addresses these needs with a comprehensive and scalable Wi-Fi network solution that enables the mass market to deploy and manage highly robust and secure enterprise-class WLANs. AirMaestro employs a unique distributed-intelligence architecture including a comprehensive automation system and a software-based virtual controller to deliver superior Wi-Fi network performance that is affordable for the business mass market.

Bandspeed AirMaestro platform consists of AirMaestro Virtual Controller Access Points and AirMaestro WLAN Management software that are synergistically designed producing unparalleled WLAN performance, management and security.

Bandspeed AirMaestro delivers the features necessary to build a robust business class solution including capability for voice-over-Wi-Fi:

- Automated RF management
- Simplified Wi-Fi deployment & management
- Quality of Service for voice and video support
- Seamless mobility
- Robust and automated security
- Simultaneous multi-band support with monitoring
- Enterprise-class RF performance
- Integrated platform to reduce complexity and cost

## Company Backgrounder

Bandspeed is a venture-backed company based in Austin, Texas. Lead investors are CenterPoint Ventures and JatoTech Ventures. The company boasts a seasoned management and technical team with deep industry experience in wired and wireless networking, including network management software, Wi-Fi management, signal processing and integrated circuits. The executive management team includes:

- **Bill Eversole, President and CEO** — Former president and COO for Quellan, Inc., and former GM for the DSL business at Texas Instruments.
- **Joel Rollins, CFO and VP of Finance** — Former CFO of National Instruments, Jato Technologies and Exterprise.
- **Ben Jones, VP and CTO** — Lead engineering roles at Tracor (BAE), and Input/Output (Ion/Colibrays).
- **Bob Mayer, VP of Sales & Marketing** — Sales, marketing and executive positions at nanoCoolers, Cielo Communications, Level One and Hewlett-Packard.
- **Mike Gibson, VP of Software Development** — Lead engineering and management roles at Intel, Crystal Semiconductor and IBM.

