

# Cellular Reinforcement - Distributed Antenna Systems

Vision Technologies' Technical Services Group



A Service-Disabled Veteran-Owned  
Small Business

## Making Vision Reality

- ▶ Cellular—All carriers
- ▶ Paging
- ▶ Two-way Radio
- ▶ Blackberry
- ▶ 802.11X WLAN
- ▶ Design
- ▶ Site Surveys
- ▶ Installation
- ▶ Configuration
- ▶ Commissioning
- ▶ Carrier Coordination
- ▶ Wi-Fi Security



A MobileAccess Platinum VAR

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Vision Technologies provides complete neutral-host in-building wireless coverage by enabling seamless access to all wireless data and voice services within corporate offices, universities, hospitals, airports, and manufacturing and government facilities. Our solutions feature the industry's leading converged wireless enterprise networks, providing high quality and reliable coverage for wireless data (Wireless LAN), voice (PCS, cellular) converged voice and data (VoIP, 2.5G, 3G), paging, and two-way radio.

Optimizing patented technology for the transport of RF signals over fiber optics, our solution utilizes a broadband hybrid fiber/coax infrastructure to distribute voice and data services to mobile users throughout a building or campus. Radio Frequency (RF) signals from cellular networks are transported over the network to broadband antennas that radiate all services simultaneously. The cellular services from "outside" the building are combined with the Wireless LAN service inside the building on a single, broadband infrastructure – providing the industry's first converged wireless enterprise network.

Our distributed antenna systems feature a **"Wire it Once"** backbone architecture. This innovative infrastructure provides practically unlimited service upgrades, as well as additions of future services without the need to install new chassis, cabling, or antennas —**on a single distributed antenna system**. Most importantly, with our broadband backbone network, new services or new wireless service providers can be added without any impact on existing service providers. *Additionally, by consolidating hardware and installation costs, customers can greatly reduce their investment by enabling access to Wireless LAN and voice services at the same time over a single broadband infrastructure.*

Poor reception in office buildings, parking garages, and airports frustrates today's mobile worker who needs ubiquitous wireless coverage to work efficiently and effectively. Low quality signals, dropped connections, and no coverage decrease productivity for users and create churn for wireless service providers. True work mobility requires a workplace with ubiquitous wireless coverage for both voice and data applications. Addressing these problems results in enhanced efficiency, customer gain and revenue growth. Vision's converged wireless enterprise networks enable true seamless voice and data connectivity.

Contact Vision Technologies for more information, and to schedule a site survey.

