Wireless Networking

Voice and Data

Making Vision Reality

Vision Technologies brings wireless networking to such high traffic public areas as airport terminals, convention centers, hotels, shared offices, multi-dwelling and multi-tenant units, auditoriums and classrooms. Enhanced authentication and security gives access to authorized users, while preventing snoops, interlopers and freeloaders. Thanks to comprehensive security, you can even deploy our wireless technology for use in sensitive corporate applications. End users get convenient, high-speed access, while you get management control and total peace of mind.

Thanks to industry-standard 802.11a/b/g/x wireless networking, Vision's wireless systems can connect client PC's without the headache of running cable. And robust transmission means that the access server can even accommodate large spaces where radio transmission echo has previously been a problem.

With a long history in wireless communications and a strong lineup in converged voice and data networking, Vision Technologies is positioned to deliver the benefits of wireless Local Area Networks (wLAN's). Our solutions serve every environment from the simplest residential applications to offices, schools, campuses and metropolitan wireless networks.

Vision Technologies delivers highly secure, high-bandwidth, long-range communication to public spaces and security-sensitive applications. Industry-standard 802.11a/b/g/x networking means that your investment is protected now. And innovative, dual-slot design gives you a migration path to the future.

Authentication of each wireless user

When you network public areas, you need to reliably distinguish between authorized users and interlopers. That's why we can provide a solution that authenticates users with the industry standard Remote Authentication Dial-In User Service (RADIUS) protocol. You can also maintain accounting records, to track and bill activity for each user.
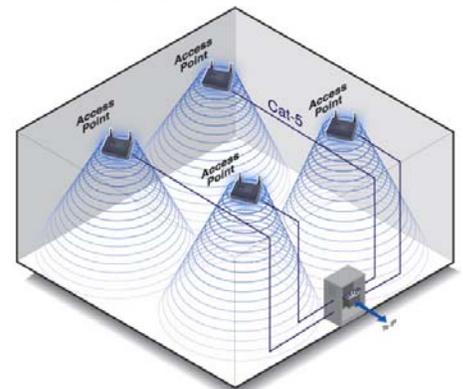
Wireless networking for security-sensitive applications

Vision's solutions offer comprehensive security beyond RADIUS authentication. Casual eavesdroppers are thwarted by the system's Direct Sequence Spread Spectrum (DSSS) radio modulation. More sophisticated snoops are blocked by Medium Access Control (MAC) based Access Control Table. For even greater protection, you can employ 64-bit RC4 encryption. RC4 encryption keys are automatically generated and distributed on a per-user, per session basis, using the Diffie-Hellman algorithm. Not only is this solution highly secure, it also requires no manual intervention from you. So you save time and money.

Speeds up to 54 Megabits per second

We deliver a data rate of up to 54 Megabits per second (Mb/s), much faster than a T1 or E1 line. So you can sustain high-bandwidth communications to laptop PCs and other wireless clients. And capacity for two PC cards enables you to operate two 54 MB/s channels simultaneously from a single unit.

Industry-standard wireless networking

Our wireless solutions are firmly based on the Institute of Electrical and Electronics Engineers (IEEE) 802.11a/b/g /x (Wi-Fi compliant) standard for wireless LAN's. You get robust, reliable connectivity and the high performance of wired LAN's, but with the flexibility, mobility, and low cost of wireless.

MobileAccess Platinum VAR

A Service-Disabled Veteran-Owned Small Business

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