

COMPUTER PATROL



PRO 8000 WLAN SYSTEM

C a t a l o g S h e e t



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FEATURES:

- > Groundbreaking Channel Blanket Architecture
- > Central Configuration and Control
- > Zero-delay Roaming
- > Zero-footprint Access Point
- > Supports up to 8 Pro 8000 Controllers
- > Supports up to 64 Ultra-thin Access Points
- > Auto Failover and Centralized Configuration

A Computer Patrol solution for businesses with converged networks, this system uses the Pro 8000 Series Wireless LAN Controller as the central component of our unique "Interference-Free" architecture and the Pro 8000's 802.11a/g Ultra-thin Wireless Business Access Point. This result is a high-performance dual 802.11a/b/g unit with the WLAN experience that is essential for business.

Why choose the Pro 8000 WLAN System from PenTeleData?

Zero-Delay, Secure and Seamless Mobility

This unique solution enables signals on the same channel to transmit through every Ultra-thin Access Point in the system without the co-channel interference that plagues other WLAN solutions. Clients only need to associate with the controller once in order to move within the channel blanket without experiencing inter-AP handoffs. As a result, different WLAN security settings will have no impact on its speed; that is, the zero-delay roaming functionalities can retain its outstanding "always-connected" performance even with the most sophisticated encryption and authentication mechanisms.

Simply put, the solution provides the flexibility, performance and simplicity to support data, video and voice (VoWLAN) applications in omnipresent WLAN deployments. The Pro 8000 Series 8-port controller can be used individually or stacked in combination with multiple Pro 8000 Series controllers to meet the needs of the enterprise environment, as built for cost controlled expandability through modular growth.

No WLAN Cell Planning Needed

The Unique Interference-Free Channel Blanket Architecture requires no heavy WLAN RF cell planning, and it allows placement of the Ultra-thin APs wherever appropriately convenient. Consequently, the total cost of deploying and owning this enterprise-class WLAN is dramatically reduced.

Powerful and Scalable

The Pro 8000 Business Wireless LAN Controller is a sophisticated WLAN infrastructure that tremendously improves WLAN service quality, while Zero-Delay roaming provides the best WLAN user experience. Pro 8000 is an 8-port WLAN controller, but is not limited to only 8 ports. Its centralized configuration allows a single management interface to manage multiple Pro 8000s on networks of a larger scale.

Wi-Fi Collaboration Uplink Diversity

The Wi-Fi Collaboration technology overcomes the difficulties of using RF on data networks in a unique way. With multiple Ultra-thin APs placed on the same channel and the centralized Wireless Controller making intelligent decisions, this WLAN system can provide uplink diversity for client transmissions to enable higher tolerance to RF instabilities and to offer inherent redundancy in the AP coverage.

Plug-and-Play Thin AP Installation

Each Pro 8000 supports up to 8 Ultra-thin AP units and are stackable with additional Pro 8000 controllers. The plug-and-play Ultra-thin AP does not need any configuration in the installation process. With simplicity like this, the Pro 8000 System can effectively minimize the installation and maintenance efforts involved.

Site evaluation and survey are required for proposal, support, and purchase. Call us today at 1.877.610.9090 to schedule a consultation.