



Products



ZoneDirector™ 1000 Series Central WLAN Controller

The Ruckus ZoneDirector 1000 series is the first centrally managed multimedia Wireless LAN (WLAN) solution controller developed specifically for mid-market enterprises. It controls 6, 12 or 25 ZoneFlex access points.



ZoneFlex™ 2942 Access Point

The Ruckus ZoneFlex 2942 is the first centrally managed multimedia 802.11g Wi-Fi access point (wall and/or ceiling mounted) that delivers industrial-strength features and functionality not available in any low-end consumer AP or high-end system.



ZoneFlex 2925 Access Point

The Ruckus ZoneFlex 2925 is the entry level 802.11g access point (desktop deployment) designed for budget-conscious businesses. It plugs and plays with the ZoneDirector.



ZoneFlex Product Overview

The Ruckus ZoneFlex wireless LAN system is the first centralized Smart Wi-Fi solution purpose-built for mid-market enterprises and hot zone operators. The ZoneFlex system includes both desktop and wall/ceiling mounted ZoneFlex Smart Wi-Fi access points, a ZoneFlex "Lite Mesh" gateway, and a family of ZoneDirector centralized wireless LAN controllers.

Designed for simplicity and optimized for delay-sensitive applications such as voice over IP, ZoneFlex integrates the best principles of centralized WLAN management with smart antenna array and wireless meshing technologies. This combination enables a robust wireless LAN solution that delivers predictable performance, automatic interference avoidance and extended Wi-Fi coverage at the industry's most competitive pricing.

Supporting up to 25 Smart Wi-Fi ZoneFlex access points, the Ruckus ZoneFlex WLAN system provides a complete, secure, robust and easily expandable WLAN solution at a low total cost of ownership. Highlights include:

- Configuration and installation in minutes
- Higher consistent Wi-Fi performance everywhere by steering Wi-Fi signals around interference in real time
- Optimum signal path selection to ensure reliable Wi-Fi connectivity
- Two to four times the Wi-Fi range and coverage through the use of a patented high-gain, directional antenna system
- Automatic client configuration and Dynamic Pre-Shared Key
- Fewer access points (APs) reach farther with better signal reliability
- Advanced WLAN features and functions such as role-based user policies, VLAN/SSID mapping, internal authentication database, rogue AP detection and client thresholds per AP

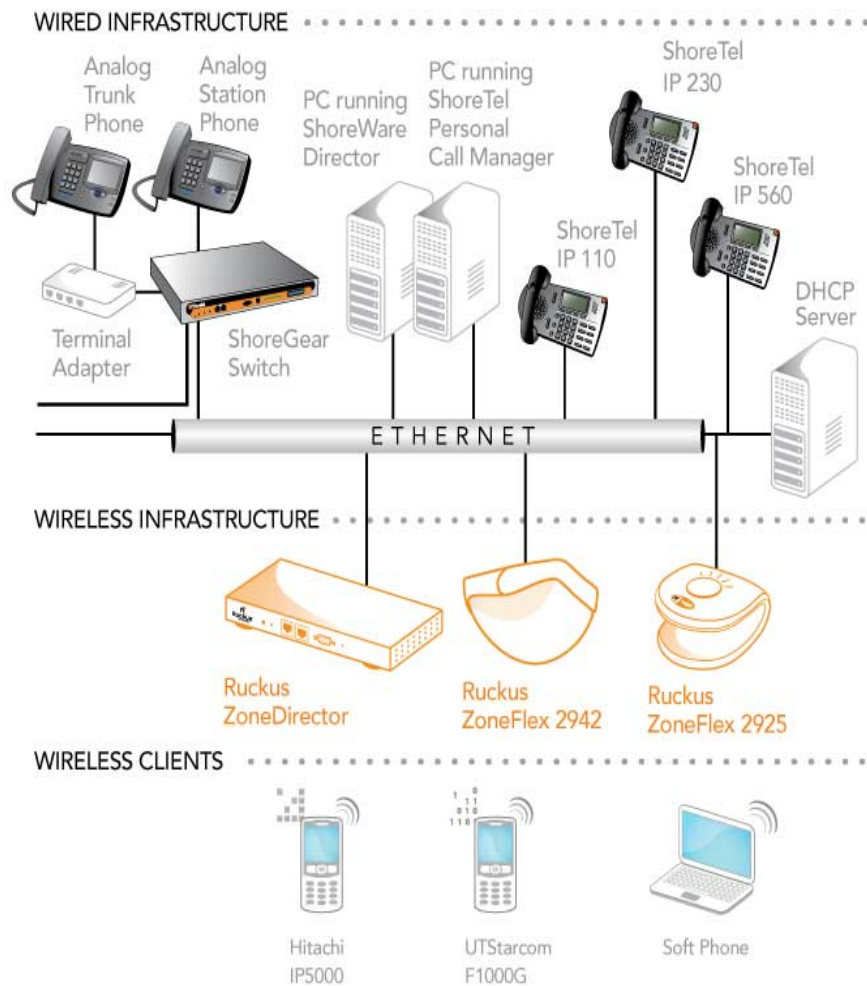
The ZoneFlex Smart WLAN system from Ruckus Wireless extends ShoreTel's VoIP reach beyond the wired environment. It uniquely allows customers to use VoIP over Wi-Fi phones while maintaining superb voice quality over the RF channel, even in the presence of other data traffic. Unique and patented Wi-Fi beam-steering (BeamFlex™) and QoS (SmartCast™) technologies deliver significant increases in Wi-Fi coverage area and throughput.

Through the use of sophisticated multiple input/multiple output (MIMO) antenna diversity and smart antenna array techniques, the Ruckus ZoneFlex system is able to select the best RF signal path for any wireless transmission, automatically steering these Wi-Fi transmissions in real time around sources of Wi-Fi interference as they occur. This results in continuous crystal-clear voice over Wi-Fi quality. Independent competitive testing (by Jones-Petrick and Associates) of the Ruckus ZoneFlex 802.11g system with 20 VoIP clients in multiple locations has shown average mean opinion (MOS) scores exceeding 4.0 in every location and R-Values exceeding 90.

ZoneFlex augments wired deployments without disrupting them (see diagram below). It seamlessly extends the reach of the network for all data applications, including multimedia applications such as Voice-over-Wi-Fi. Ruckus ZoneFlex access points automatically detect, classify and prioritize voice traffic.

Ruckus ZoneFlex Benefits for ShoreTel Customers

- Allows customers to use certified VoIP over Wi-Fi phones (initially using Hitachi IP5000 and UT Starcom F1000G phones)
- Extends the Wi-Fi coverage area using Ruckus BeamFlex technology
- Ensures voice quality in the presence of other forms of traffic and in the presence of RF interference
- Supports a large number (20) of voice clients per access point
- Maintains high data throughput available for other applications
- Very simple installation and maintenance



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Customer Value

ShoreTel IP telephony solution infrastructure provides businesses with a secure, cost-effective and scalable VoIP solution that is easy to manage.

About Ruckus Wireless

Based in Sunnyvale, California, Ruckus Wireless is a next-generation Wi-Fi company credited with pioneering "Smart Wi-Fi" technology. The company designs, develops and markets industrial strength wireless LAN systems for small/medium business and broadband operators that provide reliable distribution of delay-sensitive multimedia content and services over standard 802.11 technology. The company's patent-pending hardware and software technologies deliver predictable performance, extended range, dynamic beam steering and real-time adaptability to changing Wi-Fi environments.

About ShoreTel, Inc.

ShoreTel is a leading provider of enterprise IP telephony solutions. The Ruckus Wireless – ShoreTel solution provides customers with a number of key benefits, including ease of use, manageability and lower total cost of ownership.

Disclaimer

To be "ShoreTel Certified" means that Technology Partner's product will inter-operate with the ShoreTel system, but ShoreTel does not certify that the features or functionality of Technology Partner's product will perform as specified by Technology Partner nor that Technology Partner's product will meet your specific application needs or requirements. To inter-operate means that Technology Partner's product is able to exchange, use and share information with the ShoreTel system.

