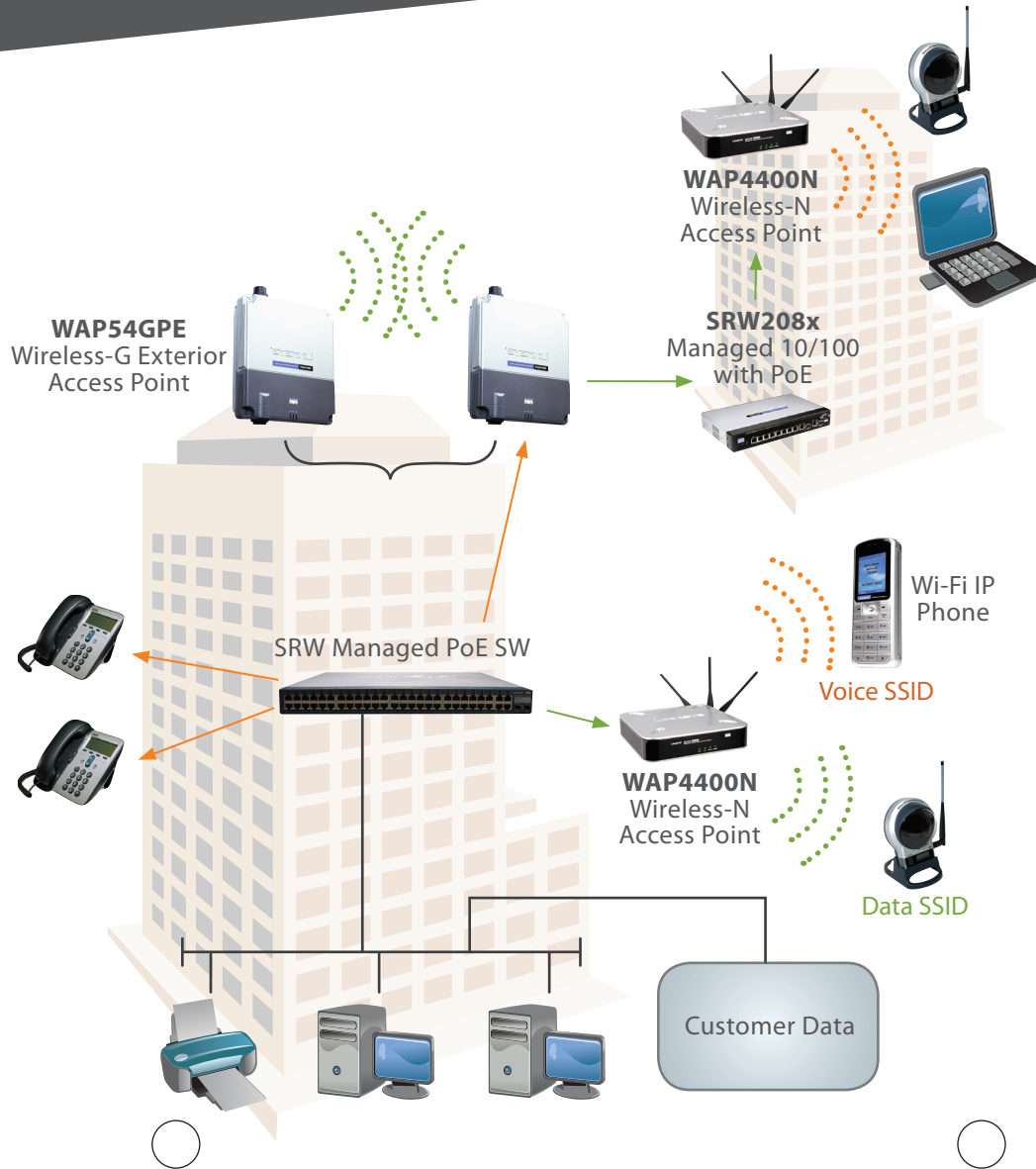


# Wireless Access

Get the power of a robust business network—without wires.



Product	Description	Wireless Features				
		802.11g/ 802.11n	Multiple SSID-VLAN	AP Modes	Upgradeable Antennas	MAC Filtering
WAP54GP	Wireless-G Access Point with Power over Ethernet	11g	•	AP, Pt-to-Pt Bridge, Pt-to-Mpt Bridge, Repeater	•	•
WAP54GPE	Wireless-G Exterior Access Point with Power over Ethernet	11g	•	AP, Pt-to-Pt Bridge, Pt-to-Mpt Bridge, Repeater	•	•
WAP4400N	Wireless-N Access Point with Power over Ethernet	11g / 11n	Future	AP, Rest-Future	•	•
WRV200	Wireless-G VPN Router with RangeBooster	11g	•			•
WRVS4400N	Wireless-N Gigabit Security Router with VPN	11g / 11n	Future	AP, Rest-Future	•	•
WPC4400N	Wireless-N Notebook Adapter	11g / 11n				
WRV54G	Wireless-G VPN Router	11g		AP, Pt-to-Pt Bridge, Pt-to-Mpt Bridge, Repeater	•	•

## Key Features

Key Features	Benefit
Draft 802.11n Support	Extended range and improved throughput; Power Over Ethernet
Multiple SSID-to-VLAN Mapping	Keeps different groups of users separate and secure (for example, a public network with a back office)
WiFi Protected Access (WPA) and WPA2	Cutting-edge security
Multiple AP Bridging Modes	Can be deployed in a variety of ways; extends wireless range
Power over Ethernet (PoE)	No need to be near a power outlet; run an Access Point from virtually anywhere
WiFi Multimedia (WMM) support	Support enhanced quality of service for audio, video and voice products

## Glossary of Terms

**802.11x** Refers to a series of IEEE wireless networking standards that includes: 802.11a, 802.11b, 802.11g, and 802.11n (currently in the draft stage).

**Service Set Identifier (SSID)** The name of a wireless network.

**Wi-Fi Multimedia (WMM)** A quality of service (QoS) standard meant to improve the quality of audio, video, and voice applications transferred over wireless networks.

**Power over Ethernet (PoE)** A technology that enables an Ethernet network cable to deliver both data and electrical power.

**Access Point (AP)** A device that allows wireless-equipped computers and other devices to communicate with a wired network. Also used to expand the range of a wired or wireless network.

**MIMO (Multi-In/Multi-Out)** Technology that uses more than one antenna array on a wireless device. MIMO expands and extends the range of a wireless signal in an indoor environment.

## Frequently Asked Questions

### ***What is the difference between 802.11 standards? Do I need support for 802.11n?***

The main difference is in the speed of each 802.11 wireless technology.. 802.11b moves data at 11Mbps; 802.11g at 54Mbps; and draft 802.11n is currently fastest at 300Mbps. Draft 802.11n products are just starting to ship; since each standard is backwards compatible, it is wise to get the fastest technology available.

### ***Can I keep my wireless communication secure when logging in from my favorite café?***

Linksys Business Series wireless Access Points, Routers, and client adapters support the main wireless security protocols, including WEP, WPA, and WPA2 Personal and Enterprise. If you are connecting through a VPN gateway, the connection is even more secure.

### ***What's the difference between WEP security and WPA?***

WPA and WPA2 have more advanced encryption algorithms, making them more secure than WEP.

### ***Does wireless access work on handheld devices?***

Handheld devices that support 802.11b and 802.11g can work with Linksys Access Points and Routers.

### ***How can I extend the range of Linksys access points and routers?***

Linksys Business Series Wireless-N Routers and Access Points use MIMO (Multi-In/Multi-Out) technology to extend the indoor range even further.

### ***Why should I buy a Business Series wireless product, rather than a less expensive wireless version found at retail stores?***

Business Series Routers and APs feature more robust security and intrusion features than many off-the-shelf products in retail. More sophisticated features include embedded VPN engines rather than a VPN pass-through, both IPSec and SSL over VPN in certain products, and full support for Gigabit speeds.

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