



For
Small
Business



Cisco IP Phones and Small Business Switches: Working Better Together

More and more small businesses are turning to voice over IP (VoIP) as the foundation of their business telephone communications. Whether maintaining on-site IP private branch exchange (PBX) systems or using hosted VoIP solutions that deliver voice services from the cloud, small companies are benefiting from the flexibility, rich feature set, and cost savings of IP telephony.

As small businesses move to support both voice and data applications over a single network, they need a network infrastructure that can intelligently prioritize delay-sensitive voice traffic. They also need a solution that delivers proven reliability and scalability, and business-class service and support.

Unfortunately, many small business VoIP systems are patchwork solutions, built using IP phones and network platforms from different vendors. Resolving a problem with these systems may mean dealing with multiple vendors. They may also limit your ability to add more users or advanced voice and video capabilities in the future. Fortunately, there is a better option: Cisco® Small Business network switches and Cisco IP Phones.

Cisco IP Phones and Small Business Switches: A Winning Combination

Cisco provides a comprehensive line of affordable IP phones and network switches to meet any small business customer's needs and budget. These products work together to provide a comprehensive set of advanced security, management, and quality-of-service (QoS) capabilities for IP telephony deployments. Designed from the ground up to function as an integrated solution, they provide a powerful business-class VoIP platform for any small business.

Cisco IP Phones

The Cisco SPA Series is a portfolio of affordably priced, reliable, easy-to-use phones that meet the needs of all types of workers in small businesses. They are supported by all Cisco Small Business network platforms and phone systems, as well as by any Session Initiation Protocol (SIP) standard-based IP PBX systems and hosted telephony services. These small business IP phones provide a full range of features to serve any small office, with proven Cisco reliability and business-class support (Tables 1–2).

Cisco Small Business Switches

Cisco offers a broad portfolio of small business network switches that span the range from unmanaged to stackable managed Ethernet platforms. These switches provide wire-speed Fast Ethernet and Gigabit Ethernet connectivity with Power over Ethernet (PoE) in multiple configurations to meet any small business requirement. They deliver proven reliability and scalability in a platform that was designed specifically for business-class services—not consumer environments (Tables 3–5).

Features and Benefits

Cisco IP Phones and Cisco Small Business switches provide all of the features you need to enable a small business VoIP solution, including PoE, QoS intelligence, and advanced security services. As part of an integrated Cisco solution, they provide the benefit of products designed to work together as well as the following:

- **Proven Cisco quality:** Both Cisco IP Phones and Cisco Small Business switches have undergone extensive testing to help ensure interoperability with Cisco Small Business solutions and deliver proven performance and reliability.
- **Easy setup:** Cisco IP phones and switches can be deployed in minutes. All switches feature intuitive web-based management tools that can guide you through every step of the setup.
- **Comprehensive service and support:** Cisco IP Phones and Cisco Small Business switches are supported by the Cisco Small Business Support Center. If you have a problem at any point in your network and voice system, you need call only one number to find the solution.
- **Interoperability:** Cisco IP Phones and Cisco Small Business switches can support virtually any back-end telephony application service, whether from Cisco or a third party, hosted or as part of an onsite IP PBX.



Cisco IP Phone and Switch Portfolio: The Right Solution for Any Small Business

Table 1 and 2 outline Cisco IP Phone models and features. Tables 3, 4, and 5 outline the differing switch portfolio models and features. All Cisco switches offer the features and interoperability required to deliver a voice solution.

Table 1. Cisco 500 Series IP Phones

Product Model (Ordering Number)		Display	Line Keys	Audio	Power over Ethernet	Bluetooth	Wireless (Wi-Fi)
Cisco SPA 501G IP Phone (SPA501G)		Paper Label	8 Programmable Keys	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Not supported	Not supported
Cisco SPA 502G IP Phone (SPA502G)		Monochrome backlit display	None	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Not supported	Not supported
Cisco SPA 504G IP Phone (SPA504G)		Monochrome backlit display	4 Programmable Keys	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Not supported	Not supported
Cisco SPA 508G IP Phone (SPA508G)		Monochrome backlit display	8 Programmable Keys	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Not supported	Not supported
Cisco SPA 509G IP Phone (SPA509G)		Monochrome backlit display	12 Programmable Keys	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Not supported	Not supported
Cisco SPA 525G2 IP Phone (SPA525G2)		Color backlit display	5 Programmable Keys	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	Yes	Yes Mobile Link	Yes

Table 2. Cisco SPA 300 Series IP Phones

Product Model (Ordering Number)		Display	Line Keys	Audio	Power over Ethernet	Bluetooth	Wireless (Wi-Fi)
Cisco SPA 301 IP Phone (SPA301-G1)		None	1	Wideband Audio (HD Voice)	No	No	No
Cisco SPA 303 IP Phone (SPA303-G1)		Monochrome	3	Cisco HD Voice, Full Duplex Speakerphone, Headset Port	No	No	No