

Introducing the Next Generation of Cisco Switches for Small and Midsize Business

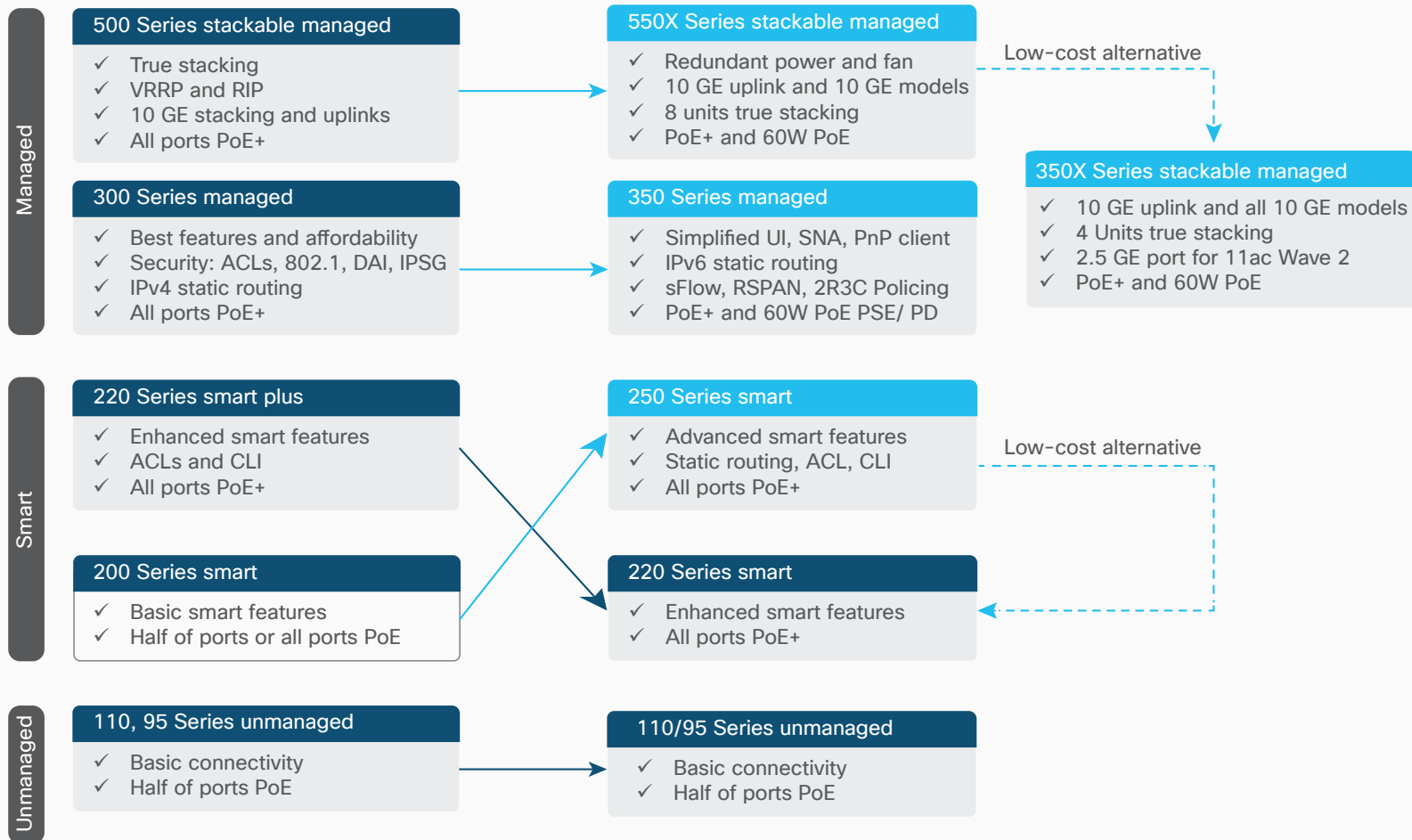
Cisco is refreshing its Small and Midsize Business (SMB) switching portfolio to provide better performance, superior ease of use, and more intelligent features to help our customers thrive in the digital economy. These new switches are the evolution of the existing SMB switching portfolio and share the same philosophy and value proposition – building a simple, secure, and reliable network at an affordable price.

Figure 1 shows how the product migration will happen for each series of switches in our portfolio.

The new portfolio includes new 550X, 350X, 350, and 250 Series models to replace the current 500, 300, and 200 Series. There is no change to the 220 Series smart switches and the 110 and 95 Series unmanaged switches. They will continue to be integral parts of the Cisco® SMB switching portfolio.

Figure 1. Cisco SMB switching portfolio transition

Cisco SMB switching portfolio transition



Benefits of migrating to Cisco next-generation switches for small and midsize business

Table 1 lists the benefits of migrating to the new switches.

Table 1. Benefits of migrating to next-generation Cisco SMB switches

Category	Feature	Existing SMB switch			New SMB switch			Benefit
		200 Series	300 Series	500 Series	250 Series	350, 350X Series	550X Series	
Performance	Downlink	FE/GE	FE/GE	FE/GE/10GE	FE/GE	FE/GE/2.5GE/10GE	FE/GE/10GE	More options for cost-effective 10GE deployment
	Uplink	GE	GE	GE/10GE	GE/10GE	GE/10GE	10GE	
	Stacking	-	-	Up to 8 units	-	Up to 4 units (350X Series)	Up to 8 units	Extended stacking options for growth and investment protection
	Hardware redundancy	-	-	-	-	-	RPS connector and redundant fan	High level of redundancy for business continuity
Simplicity and usability	Smart Network Application	Limited support	Limited support	Limited support	Full support	Full support	Full support	Innovative on-box multidevice management
	FindIT Network Manager	Supported	Supported	Supported	Supported	Supported	Supported	On-premises and cloud management across multiple sites
	Zero-touch deployment	DHCP auto install	DHCP auto install	DHCP auto install	Cisco Network PnP	Cisco Network PnP	Cisco Network PnP	Simple and secure device rollout and update
	Simplified UI operations	-	-	-	Yes	Yes	Yes	Simple and advanced mode UI to suit different users

Category	Feature	Existing SMB switch			New SMB switch			Benefit
		200 Series	300 Series	500 Series	250 Series	350, 350X Series	550X Series	
	Configuration wizards	-	-	-	Yes	Yes	Yes	Easy step-by-step assistance
	Dashboard	-	-	-	Yes	Yes	Yes	Quick glance of switch status in a single screen
	USB file management	-	-	-	Yes	Yes	Yes	Easy configuration and image transfer
Power over Ethernet (PoE)	PoE output	Up to 15W per port	Up to 30W per port	Up to 30W per port	Up to 30W per port	Up to 60W per port	Up to 60W per port	Ready for high-power PoE devices like 11ac access point, compact switch, and camera
	PoE input	Select models	-	-	Select models	Select models	-	Flexible deployment of compact switch without power cable
	PoE pass-through	-	-	-	Select models	Select models	-	Power IP phone and access point even when switch itself is powered by PoE
Advanced features	sFlow	-	-	-	-	Yes	Yes	Application and traffic visibility
	RSPAN	-	-	-	-	Yes	Yes	Packet capture and diagnostics across the network
	Layer 3 routing	-	IPv4 only	IPv4/ IPv6	IPv4/ IPv6	IPv4/ IPv6	IPv4/ IPv6	Efficiently manage workgroup traffic
	Egress ACL and QoS	-	-	-	-	Yes	Yes	More granular security and QoS control
	Policy- based routing	-	-	-	-	-	Yes	Customized control in complex routing scenario
	Enhanced object tracking for VRRP	-	-	-	-	-	Yes	Better first hop redundancy by tracking IP address

Model mapping

Table 2 shows which new model to choose for each of the existing switch models.

Table 2. Migration map

Existing series	Existing model	New series	New model	Alternative new model
500 series	SF500-24	550X series	SF550X-24	
	SF500-24P		SF550X-24P	
	SF500-24MP		SF550X-24MP	
	SF500-48		SF550X-48	
	SF500-48P		SF550X-48P	
	SF500-48MP		SF550X-48MP	
	SG500-28		SG550X-24	SG350X-24
	SG500-28P		SG550X-24P	SG350X-24P
	SG500-28MPP		SG550X-24MPP	
	SG500-52		SG550X-48	SG350X-48
	SG500-52P		SG550X-48P	SG350X-48P
	SG500-52MP		SG550X-48MP	SG350X-48MP
	SG500X-24		SG550X-24	SG350X-24
	SG500X-24P		SG550X-24MP	SG350X-24MP
	SG500X-24MPP		SG550X-24MPP	
	SG500X-48		SG550X-48	SG350X-48
	SG500X-48P		SG550X-48P	SG350X-48P
	SG500X-48MP		SG550X-48MP	SG350X-48MP

Existing series	Existing model	New series	New model	Alternative new model
	SG500XG-8F8T		SG550XG-8F8T	
	-		SG550XG-24F	
	-		SG550XG-24T	
	-		SG550XG-48T	
-	-	350X series	SG350X-8PMD	
			SG350X-24	
			SG350X-24P	
			SG350X-24MP	
			SG350X-24PD	
			SG350X-48	
			SG350X-48P	
			SG350X-48MP	
			SG350XG-2F10	
			SG350XG-24F	
			SG350XG-24T	
			SG350XG-48T	
300 series	SF300-08 (SRW208)	350 series	SF350-08	
	SF302-08 (SRW208G)		SF352-08	
	SF302-08PP		SF352-08P	
	SF302-08MPP		SF352-08MP	
	SF300-24 (SRW224G4)		SF350-24	
	SF300-24PP		SF350-24P	

Existing series	Existing model	New series	New model	Alternative new model
	SF300-24MP		SF350-24MP	
	SF300-48 (SRW248G4)		SF350-48	
	SF300-48PP		SF350-48P	
	-		SF350-48MP	
	-		SG350-8PD	
	SG300-10 (SRW2008)		SG350-10	
	SG300-10PP		SG350-10P	
	-		SG355-10P	
	SG300-10MPP		SG350-10MP	
	SG300-10SFP		SG350-10SFP	
	SG300-20 (SRW2016)		SG350-20	
	SG300-28 (SRW2024)		SG350-28	
	SG300-28PP		SG350-28P	
	SG300-28MP		SG350-28MP	
	SG300-28SFP		SG350-28SFP	
	SG300-52 (SRW2048)		SG350-52	
	SG300-52P		SG350-52P	
	SG300-52MP		SG350-52MP	
	200 series		SF200-24 (SLM224GT)	
SF200-24P (SLM224PT)		SF250-24P	SF220-24P	
SF200-24FP		SF250-24P	SF220-24P	
SF200-48 (SLM248GT)		SF250-48	SF220-48	

Existing series	Existing model	New series	New model	Alternative new model
	SF200-48P (SLM248PT)		SF250-48HP	SF220-48P
	SG200-08 (SLM2008T)		SG250-08	
	SG200-08P (SLM2008PT)		SG250-08P	
	SG200-10FP		SG250-10P	
	SG200-18 (SLM2016T)		SG250-18	
	SG200-26 (SLM2024T)		SG250-26	SG220-26
	SG200-26P (SLM2024PT)		SG250-26HP	
	SG200-26FP		SG250-26P	SG220-26P
	SG200-50 (SLM2048T)		SG250-50	SG220-50
	SG200-50P (SLM2048PT)		SG250-50HP	
	SG200-50FP		SG250-50P	SG220-50P
	-		SG250X-24	
	-		SG250X-24P	
	-		SG250X-48	
	-		SG250X-48P	

For more information on Cisco SMB switches, please visit <https://www.cisco.com/c/en/us/solutions/small-business/switches.html>.