Cisco Small Business 100-300 Series Routers

Most Affordable & Purpose Built SMB Solution

From The Most Trusted Brand In Networking

Network Management

FindIT Network management tool for Cisco® 100 - 500 Series products
Discovery, Monitoring, Reporting, Configuration, & Operation
Lifecycle Reporting, Zero Touch Deployment (PnP) support

Switching
Stackable/Managed Portfolio

550XG/350XG Series
10G Stackable

550X/350X Series
stackable

350 Series **Managed**

Affordable price, performance, and functionality
Street Price: $57-$9,286 (ASP)

Switching
Smart/Unmanaged Portfolio

250/220 Series **Smart**

110/95 Series **Unmanaged**

Easy to deploy, configure, & monitor
Street Price: $24-$450 (ASP)

VPN Routing
Portfolio

RV130, RV130W

RV110W, RV215W

RV160/RV260

RV340,
RV345

RV132W,
RV134W

RV320,
RV325

Business-grade secure connectivity
Street Price: $57-$450 (ASP)

Wireless Access Point Portfolio

Secure Connectivity with Guest Access & PoE
Single Point Setup Controller-less Management
Street Price: $57-399 (ASP)
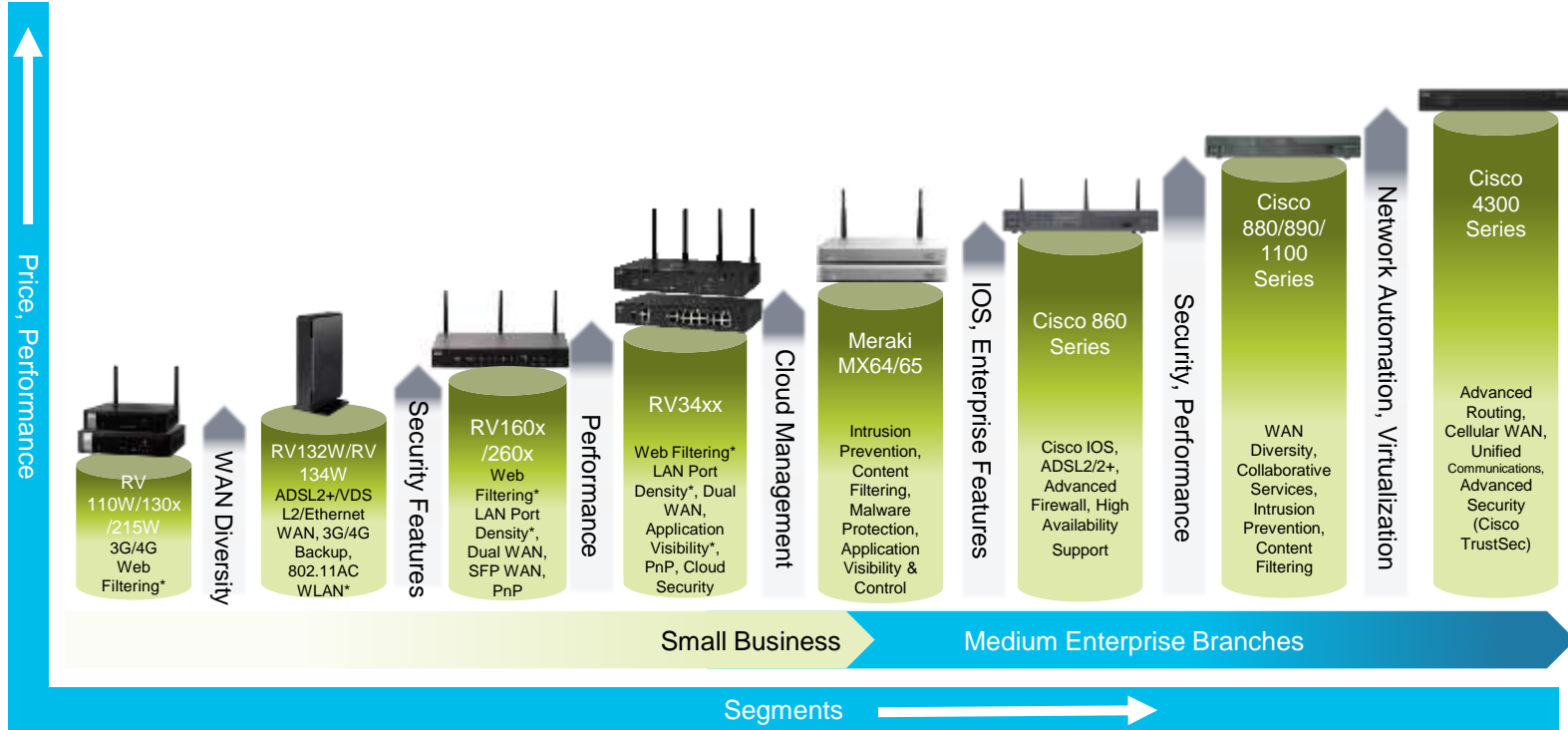

WAP125   WAP150   WAP371   WAP361   WAP581   WAP571   WAP571E

SMB Support Services

LLW Hardware Warranty on all Products
Bug Fixes and Software Updates

Business Hours Phone Support (24x7 avail)
Online Support Community & Knowledge Base

Cisco SMB Routing Positioning

Price, Performance ↑

RV 110W/130x /215W
3G/4G Web Filtering*

WAN Diversity

RV132W/RV 134W
ADSL2+/VDS L2/Ethernet WAN, 3G/4G Backup, 802.11AC WLAN*

Security Features

RV160x /260x
Web Filtering* LAN Port Density*, Dual WAN, SFP WAN, PnP

Performance

RV34xx
Web Filtering* LAN Port Density*, Dual WAN, Application Visibility*, PnP, Cloud Security

Cloud Management

Meraki MX64/65
Intrusion Prevention, Content Filtering, Malware Protection, Application Visibility & Control

IOS, Enterprise Features

Cisco 860 Series
Cisco IOS, ADSL2/2+, Advanced Firewall, High Availability Support

Security, Performance

Cisco 880/890/ 1100 Series
WAN Diversity, Collaborative Services, Intrusion Prevention, Content Filtering

Network Automation, Virtualization

Cisco 4300 Series
Advanced Routing, Cellular WAN, Unified Communications, Advanced Security (Cisco TrustSec)

Small Business → **Medium Enterprise Branches**

Segments →

Cisco RV Series Transitions

- RV320/RV325 is replaced by RV340/RV345

- RV042/RV042G is replaced by RV160/RV260

RV320/RV325   Transitions

RV042/RV042G

The New Cisco RV160 and RV160W

Home Office/Remote Worker, Small Business and Office

Single WAN/4-port Switch
Plastic Enclosure
SFP/Ethernet Combo WAN
Dual Core Processor

2x2 11ac

RV160 VPN Router

RV160 Wireless-AC VPN Router

FindIT Support
Business Grade Firewall
Remote, Low Touch Deployment
VPN Security
New User Interface

Performance, Quality, Security at a great Price Point

Embedded FindIT Probe Next Year

The New Cisco RV260, RV260P and RV260W

Perfect for the Small/Medium Business, Office, Branch

RV260, RV260W Wireless Model, and RV260P
(PoE Model)

Single WAN/8-port Switch
Metal Enclosure
SFP/Ethernet Combo WAN
Dual Core Processor (same as RV340x)
3x3 11ac Wave 2
RV260/P Rackmount Ears included

FindIT Support
Web Filtering
Business-Grade Firewall
VPN Security
New User Interface
Remote, Low-Touch Deploy

Better Performance, Flexibility, Quality, Security

Embedded FindIT Probe Next Year

Cisco RV Series VPN Routers

SKU	Description	List price	Availability
RV110W	1 FA WAN 4 FA LAN N150	125 US$	Today
RV130	1 GE WAN 4 GE LAN	185 US$	Today
RV130W	1 GE WAN 4 GE LAN WB N150	275 US$	Today
RV132W	1 FA WAN 1 ADSL2+ 3 FE LAN N150	165 US$	Today
RV134W	1 GE WAN 1 VDSL2 4 GE LAN AC1200	400 US$	Today
RV160	1 GE WAN 4 GE LAN	278 US$	Today
RV160W	1 GE WAN 4 GE LAN AC1200	378 US$	Today
RV260	1 GE WAN 4 GE LAN	398 US$	Today
RV260W	1 GE WAN 8 GE LAN AC1900	578 US$	Today
RV260P	1 GE WAN 4 GE LAN 4 LAN PoE+	538 US$	Today
RV340	2 GE WAN 4 GE LAN	430 US$	Today
RV340W	2 GE WAN 4 GE LAN AC2300	740 US$	Today
RV345	2 GE WAN 16 GE LAN	620 US$	Today
RV345P	2 GE WAN 8 GE LAN 8 GE LAN PoE+	900 US$	Today

RV Routers Baseline Features

- Business-grade Firewall: Secure connection to Internet
- Simple Set-up with intuitive Web UI and Wizards
- Dual WAN Resiliency and increased bandwidth (300 Series)
- USB LTE Connectivity and Failover
- Reliable VPN Secure remote access
- VLAN support for security and segmentation of traffic
- Network in a Box architecture with additional LAN ports
- IPv6: Future ready
- Quality of service (QoS) support for Unified Communications
- FindIT Based Centralized Network Management
- Cisco PnP Support*
- Industry's Best Support

RV Router Series Feature Comparison

	100 Series	200 Series	300 Series
Scalability	Up to 12,000 Concurrent Connections	Up to 25,000 Concurrent Connections	Up to 40,000 Concurrent Connections
	Up to 10 IPSec VPN tunnels 10 PPTP VPN Tunnels	Up to 20 IPSec VPN Tunnels 20 PPTP VPN Tunnels Open VPN Server	Up to 50 IPSec VPN Tunnels Up to 25 PPTP VPN Tunnels Up to 50 SSL VPN Connections
	Up to 800 Mbps NAT Throughput Up to 50 Mbps IPSec VPN throughput	Up to 800+ Mbps NAT Throughput Up to 75+ Mbps IPSec VPN throughput	Up to 900 Mbps NAT Throughput Up to 650 Mbps IPSec VPN throughput
Manageability	Web, SNMP, FindIT, TR069*	Web, SNMP, FindIT Network Management	Web, SNMP, FindIT Network Management
Security	Stateful Packet Inspection (SPI), DoS Attack Prevention, Static URL/Keyword blocking, Access Control List (ACL)	Stateful Packet Inspection (SPI), DoS Attack Prevention, Static URL/Keyword blocking, Access Control List (ACL)	Stateful Packet Inspection (SPI), DoS Attack Prevention, Static URL/Keyword blocking, Access Control List (ACL), 802.1x Authentication
Additional Features	IPv6, 3G/4G USB Failover, Web Filtering*	IPv6, Web Filtering	IPv6, 3G/4G USB Failover, Dual WAN, Web Filtering*, Application Visibility*
Wireless Interface	Yes (Select Models)	Yes (Selected Models)	Yes (Select Models)
Price ($ASP)	$ 60 - $200	$ 121 - $175	$ 168 - $375

Ease of Installation and Management

Firmware Auto Fallback

Device can automatically switch to the secondary firmware when the active firmware is corrupted or cannot boot up successfully

Cisco PnP

Cisco PnP Server support with PnP redirection services.

Web UI

New UI with convenient dashboard and Cisco Setup Wizards to configure , monitor and troubleshoot the router
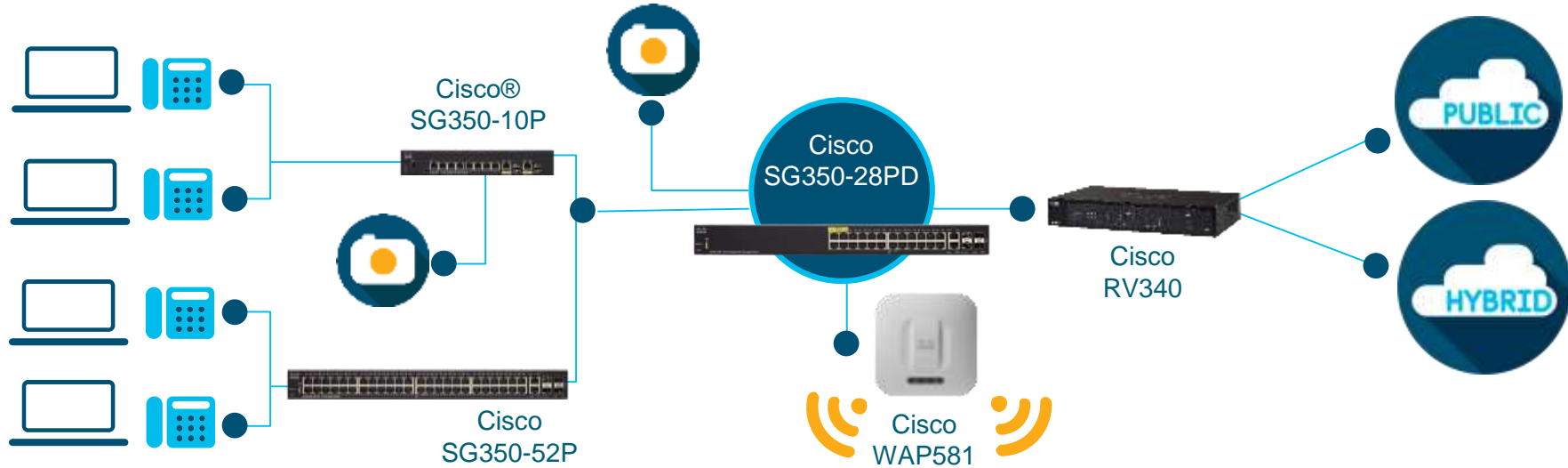
FindIT Network Management

Network Management tool for Cisco®
100 to 500 Series products

Single interface for entire network

Discovery, monitoring, reporting, configuration, and operation

Reliable SMB network foundation

Cisco®
SG350-10P

Cisco
SG350-28PD

Cisco
SG350-52P

Cisco
WAP581

Cisco
RV340

PUBLIC

HYBRID

Creates a reliable small business local area network

Easily integrates with data, voice, video, and wireless products

Easy to use, with a consistent interface across all Cisco Small Business products

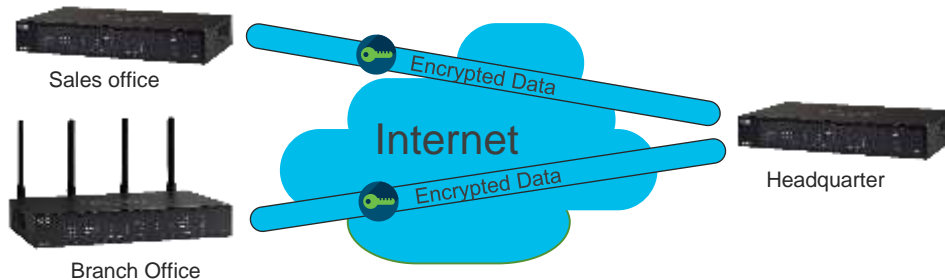# Small Business Key Technologies

VPN client (client-to-site)
Secure remote client access

Remote employee

Encrypted Data

Internet

Headquarter

- Flexible work environment
- Productive mobile employees

IPSec VPN (Site-to-Site)
Multiple locations securely, virtually connected

Sales office

Branch Office
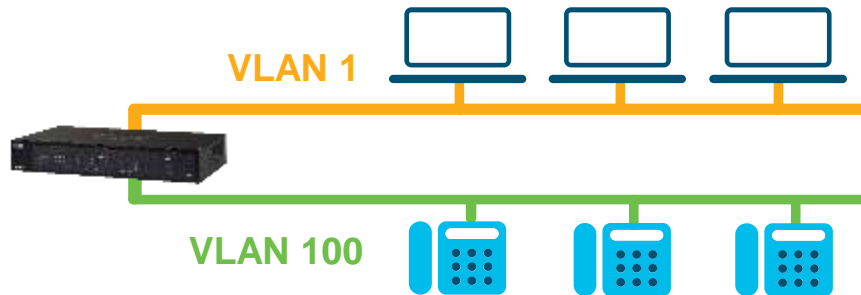
Encrypted Data

Internet

Encrypted Data

Headquarter

- Eliminates the need for separate servers per site
- Seamless access to shared resources
- Works over standard Internet connection

Small Business Key Technologies

VLANs

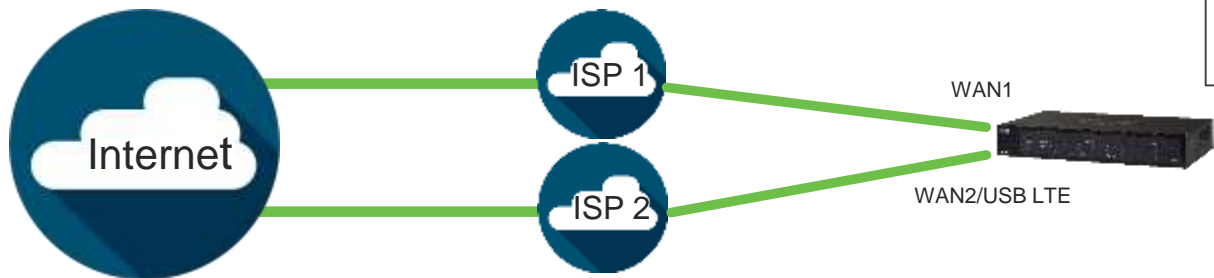Separate networks running on a single device

- Network segmentation

- Isolates voice/video data to maximize quality

- Prevents normal users from access secure resources (i.e. video surveillance systems)

Small Business Key Technologies

Load Balancing and WAN Failover
Efficient utilization of multiple WAN interfaces

- Outgoing network load-balancing over multiple WAN interfaces
- Dual WAN and 3G/4G failover add resiliency in case of link failure
- WAN QoS and bandwidth management

Internet

ISP 1

ISP 2

WAN1

WAN2/USB LTE

Cisco Umbrella integration
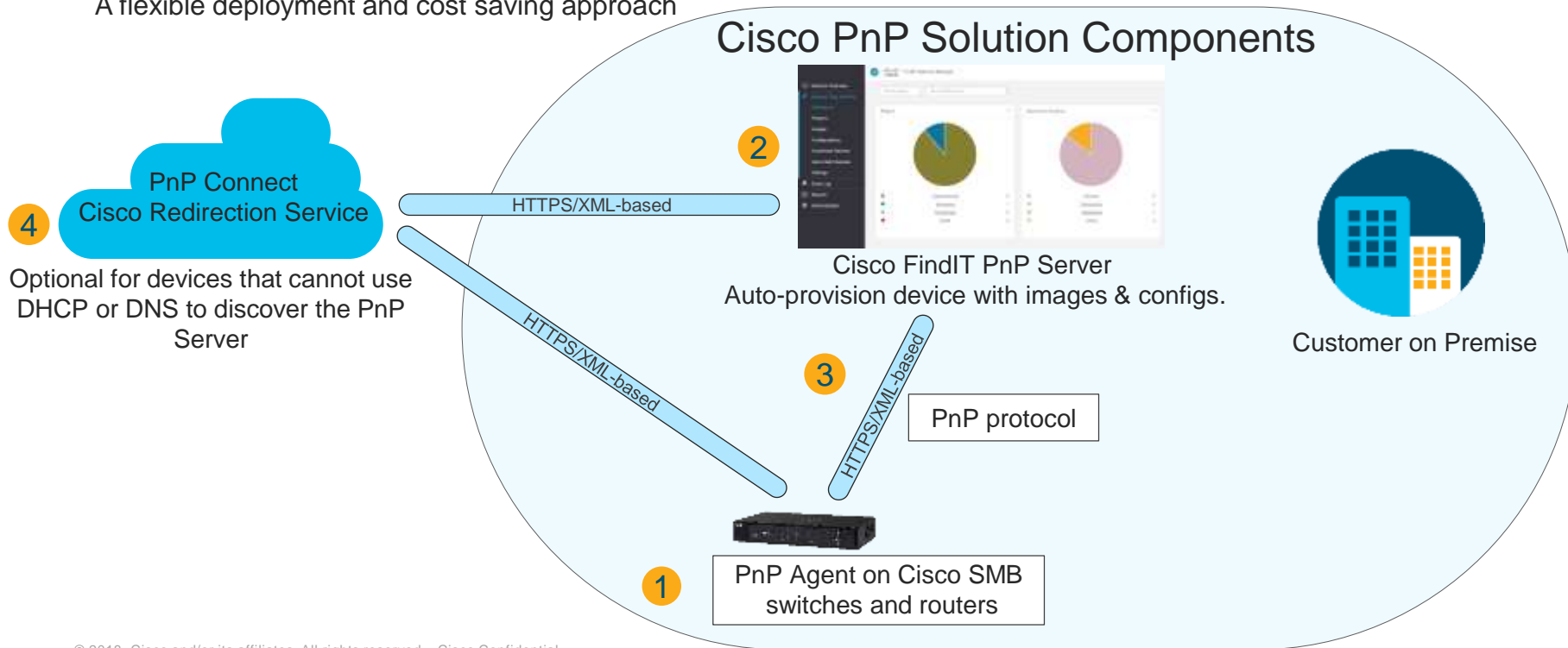First line of defense against threats on the Internet
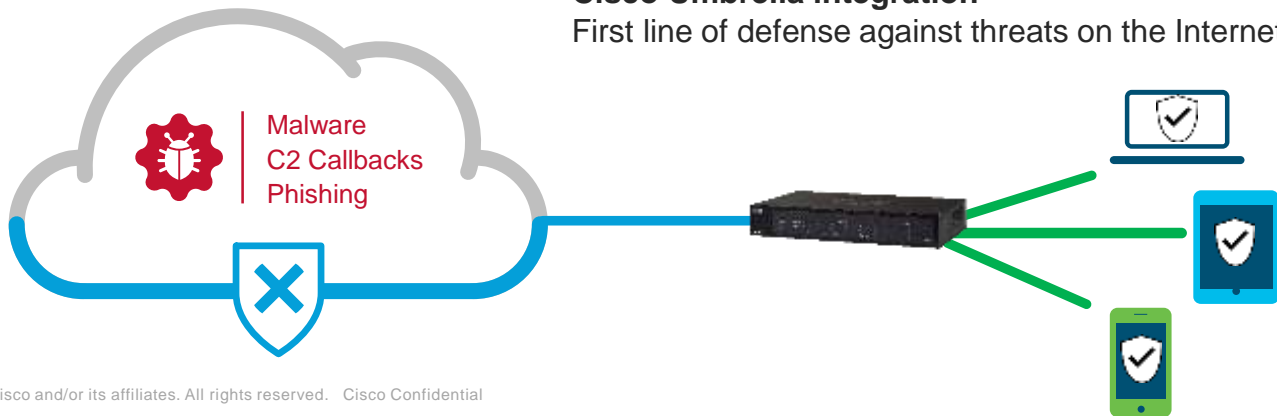
- Simple to Deploy
- Fast and Scalable
- Intelligence to see attacks before launched
- Prevention for user and malware-initiated connections
- Proxy inspection for risky domains

Malware
C2 Callbacks
Phishing

Small Business Key Technologies

Cisco PnP solution with FindIT Manager
A flexible deployment and cost saving approach

Cisco PnP Solution Components

2

Cisco FindIT PnP Server
Auto-provision device with images & configs.

4

PnP Connect
Cisco Redirection Service

Optional for devices that cannot use DHCP or DNS to discover the PnP Server

HTTPS/XML-based

HTTPS/XML-based

HTTPS/XML-based

PnP protocol

3

1

PnP Agent on Cisco SMB switches and routers

Customer on Premise

RV34xx Dual WAN Gigabit Wireless AC VPN Router

High-performance Gigabit Ethernet ports embedded 16 port switch* with PoE, Hardware DMZ port

802.11ac Wave 2 up to 2.7 Gbps with Captive Portal

IPv6 Support, dual stack, 6rd, 6in4

Stateful Packet Inspection (SPI) firewall and hardware encryption, Cisco Umbrella integration

Cisco PnP Support for zero touch- provisioning

IPSec/PPTP/L2TP/GRE /Cisco SSL VPN/Cisco IPSec/IKEv2 VPN enable secure remote access

Granular QoS, VLAN Segmentation (802.1q), DHCP v6

Inter-VLAN routing, RIPv1,v2, RIPng, Static Routing, IGMP Proxy

Dual WAN and 3G/4G USB WAN Failover

Dynamic Web Filtering Endpoint and Application Identification

RV 340 Series - an Ultimate Business Efficiency

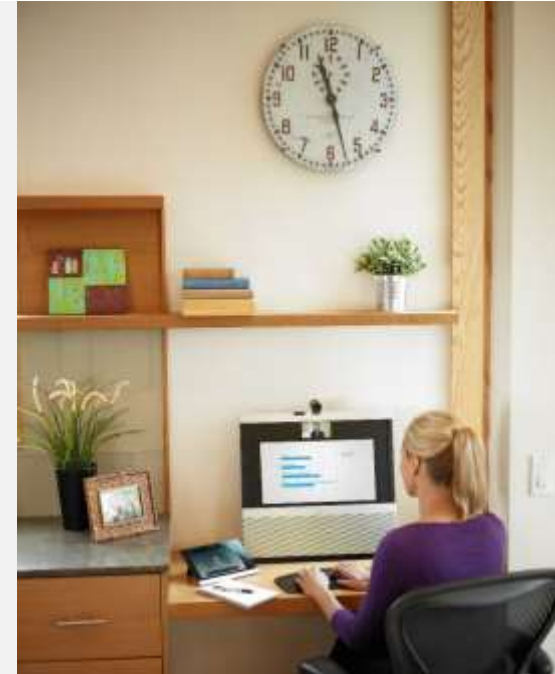| Feature	Business Benefit
Firewall, Routing, Switching and Wireless in one box	Reduces Capital investment and maintenance costs
802.11ac Wave2 Wireless*	Increase productivity with excellent wireless through-put. Scale clients Wireless access to guests.
Site-to-Site and Client-to-Site VPN access	Securely and Efficiently connect branch offices and remote employees to critical data.
Dynamic Web Filtering	Controls access to the Internet, increases security and improves business efficiency.
Dual Wan and 3G/4G failover	Avoid business downtime with cost-effective and reliable failover solution to minimize the risk of service interruption.
Cisco PnP support	Zero-touch-deployment and provisioning. Reduces OPEX and knowledge requirements. More rapid adoption of managed services.
FindIT Network Management	Centralized management of SMB 100 – 500 devices. Less employee hours for installation and configuration.

Cisco Web Protection
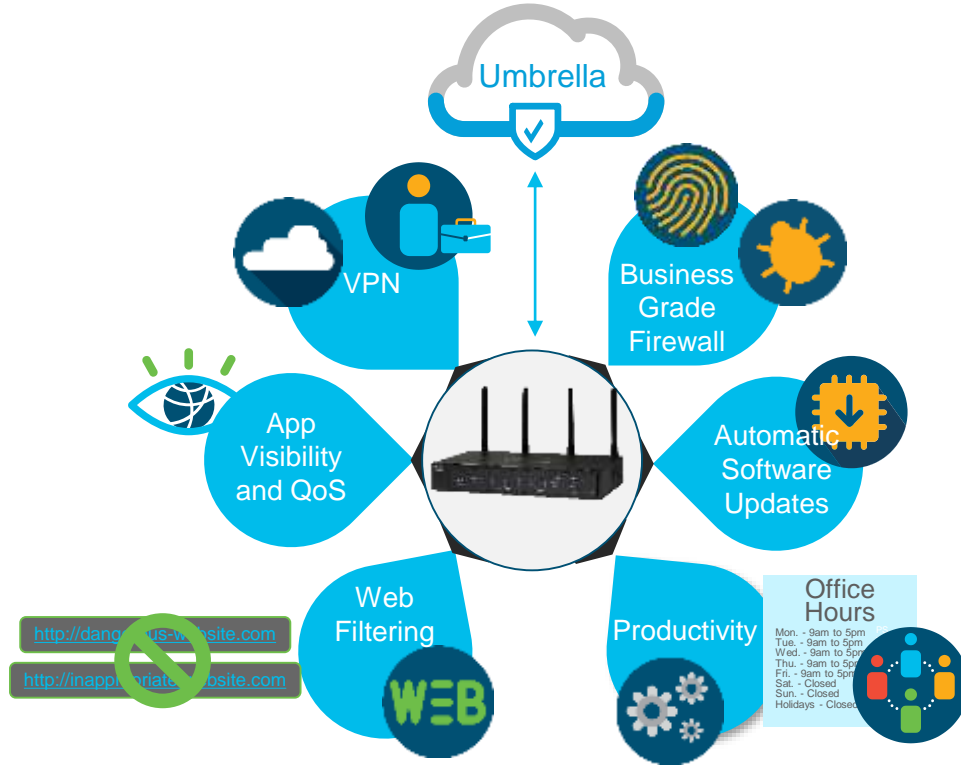
✓ **Dynamic web filtering**

- Router checks URLs with Cisco® cloud

- Router caches websites over time to speed up response

- 460+ million domains and 13+ billion URLs scored and classified

- 83+ categories

- 45+ languages

- 4.3+ billion IP addresses monitored

- 12+ million dangerous IPs constantly updated

Most flexible and cost-efficient solution for small and medium-sized businesses (SMBs)
Features like an enterprise solution with the performance and ease of use of an SMB solution
Cisco Meraki® and Sourcefire® use the same system

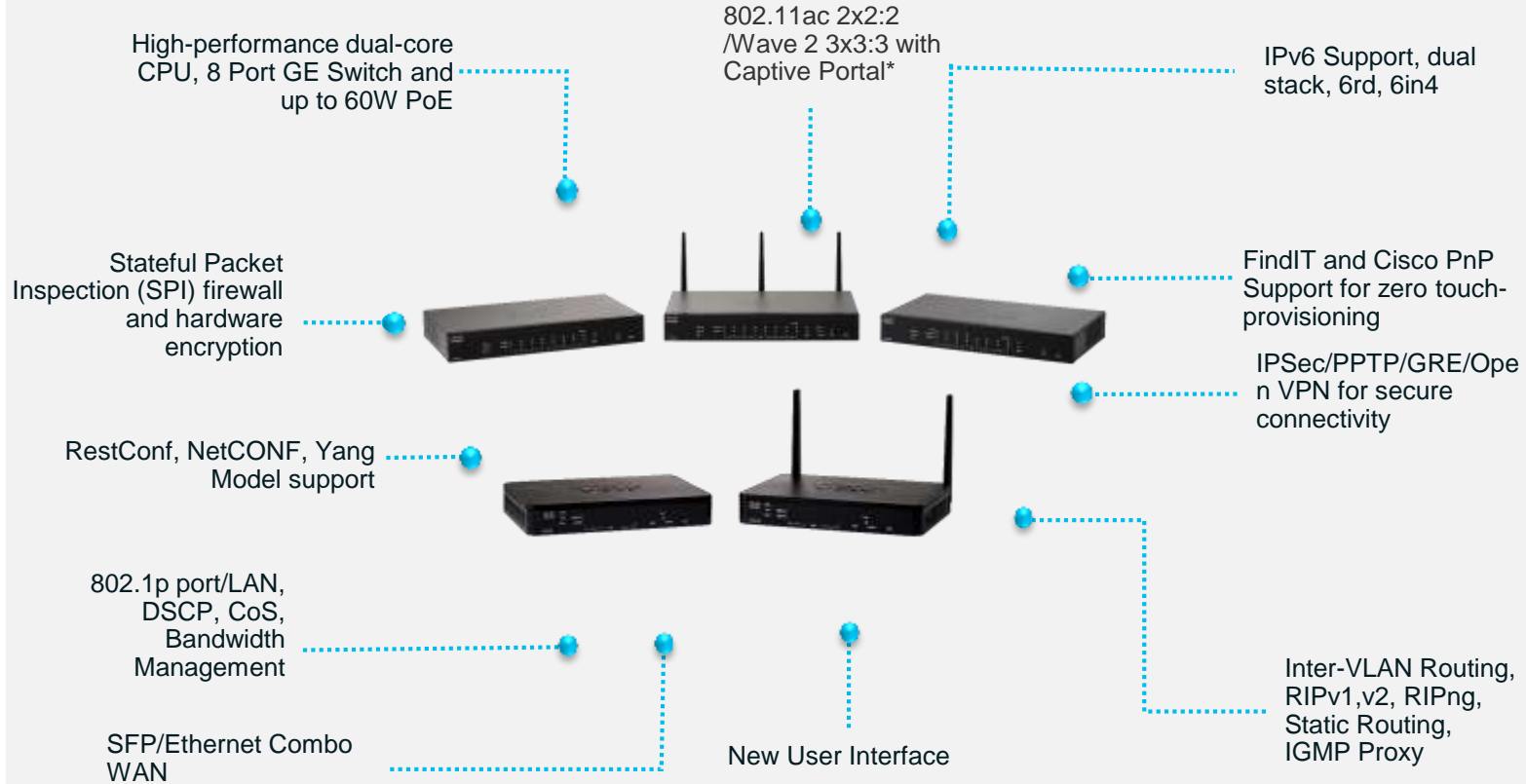Supported on RV130 & RV340 Series Routers (Select Models)

Cisco Threat Defense – RV340 Series

A comprehensive security router for small businesses.

RV160/260 Gigabit Wireless AC VPN Routers

High-performance dual-core CPU, 8 Port GE Switch and up to 60W PoE

802.11ac 2x2:2 /Wave 2 3x3:3 with Captive Portal*

IPv6 Support, dual stack, 6rd, 6in4

Stateful Packet Inspection (SPI) firewall and hardware encryption

FindIT and Cisco PnP Support for zero touch-provisioning

IPSec/PPTP/GRE/Open VPN for secure connectivity

RestConf, NetCONF, Yang Model support

802.1p port/LAN, DSCP, CoS, Bandwidth Management

Inter-VLAN Routing, RIPv1,v2, RIPng, Static Routing, IGMP Proxy

SFP/Ethernet Combo WAN

New User Interface

RV 260 Perfect for the Small/Medium Business

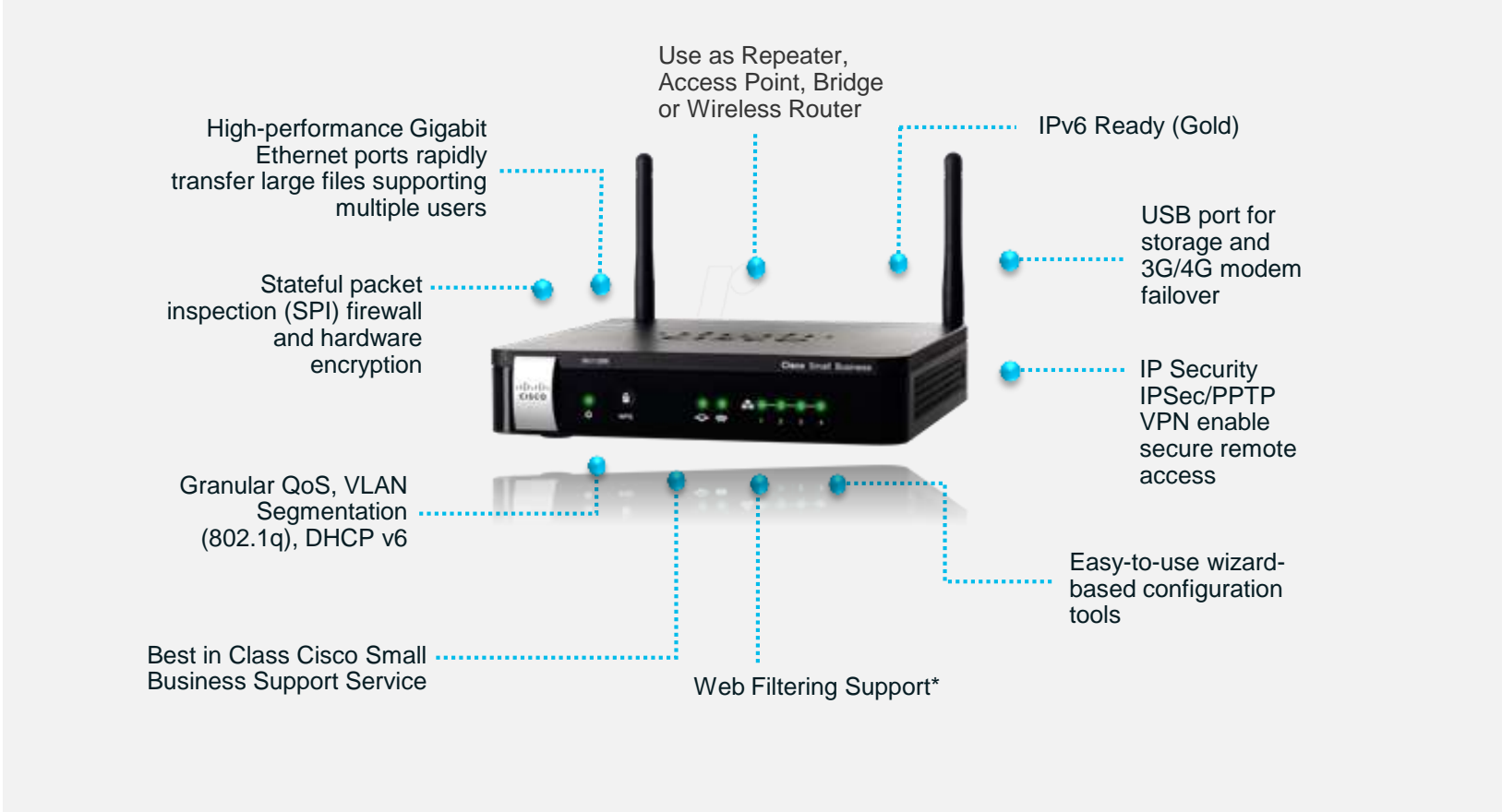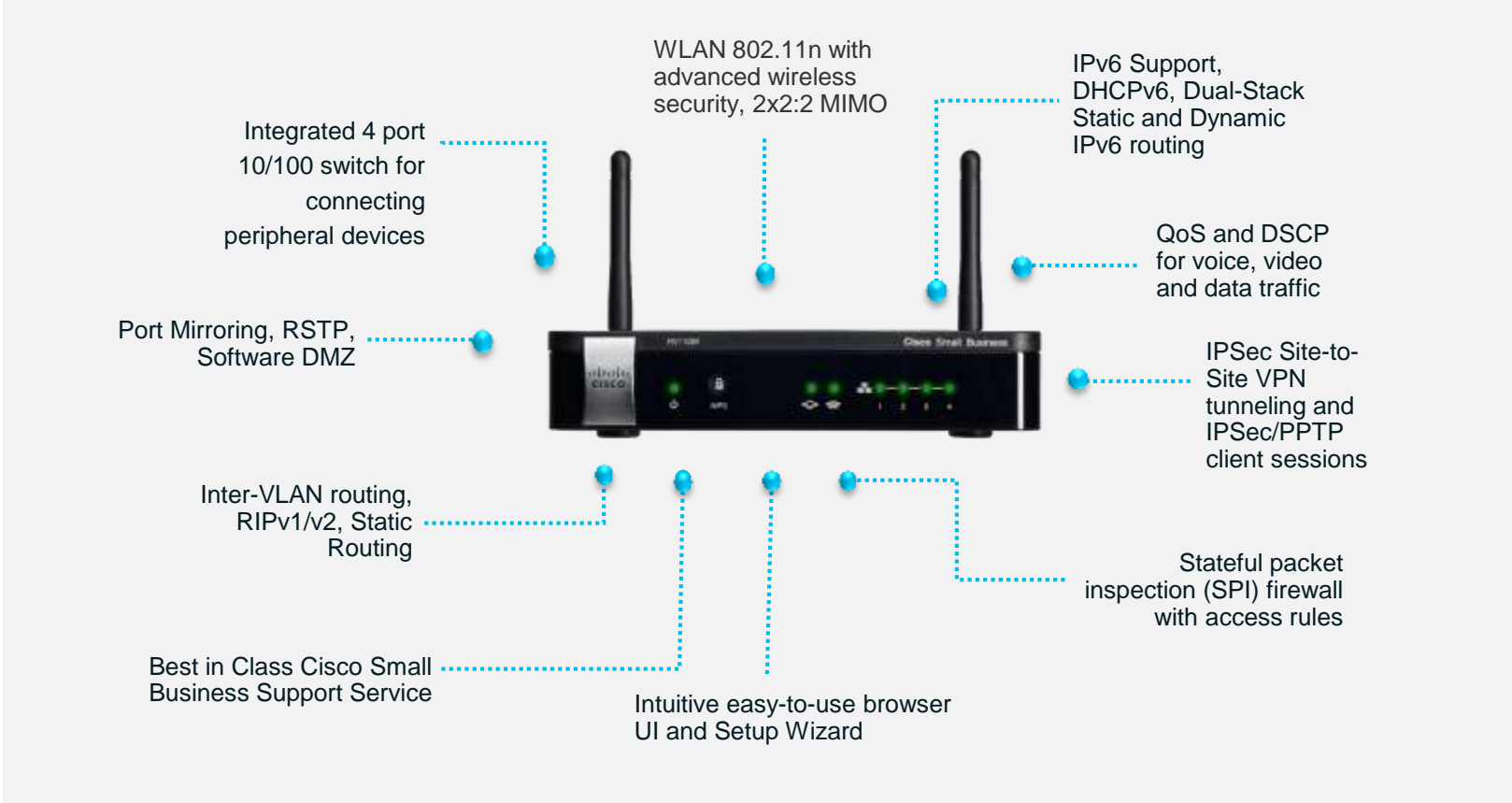| Feature	Business Benefit
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802.11ac Wave2* Wireless*	Increase productivity with excellent wireless through-put. Scale clients Wireless access to guests.
Site-to-Site and Client-to-Site VPN access	Securely and Efficiently connect branch offices and remote employees to critical data.
Dynamic Web Filtering	Controls access to the Internet, increases security and improves business efficiency.
USB 3G/4G failover	Avoid business downtime with cost-effective and reliable failover solution to minimize the risk of service interruption.
Cisco PnP Server support	Zero-touch-deployment and provisioning. Reduces OPEX and knowledge requirements. More rapid adoption of managed services.
FindIT Network Management	Centralized management of SMB 100 – 500 devices. Less employee hours for installation and configuration.

RV132W/134W xDSL Wireless VPN Router

ADSL2+/VDSL2 plus WAN Fast Ethernet/Gigabit Ethernet connectivity

Built-in high-speed 802.11n/ac wireless access point

Dual-stack IPv4 and IPv6, DHCPv6, Static IPv6 and Dynamic RIPng routing

USB port for 3G/4G modem failover

SPI Firewall, Content Filtering, DoS prevention, Software-based DMZ

IPSecVPN/PPTP VPN Server for secure remote access

Port-based and 802.1q VLANs, 802.1p QoS, CoS, DSCP, Bandwidth Management

Easy-to-use wizard-based configuration tools

Limited Lifetime Hardware Warranty

New Sleek Design

Best in Class Cisco Small Business Support Service

RV130W Multi-Function Wireless-N VPN Router

Use as Repeater, Access Point, Bridge or Wireless Router

IPv6 Ready (Gold)

High-performance Gigabit Ethernet ports rapidly transfer large files supporting multiple users

USB port for storage and 3G/4G modem failover

Stateful packet inspection (SPI) firewall and hardware encryption

IP Security IPSec/PPTP VPN enable secure remote access

Granular QoS, VLAN Segmentation (802.1q), DHCP v6

Easy-to-use wizard-based configuration tools

Best in Class Cisco Small Business Support Service

Web Filtering Support*

RV110W Wireless-N VPN Firewall

Integrated 4 port 10/100 switch for connecting peripheral devices

WLAN 802.11n with advanced wireless security, 2x2:2 MIMO

IPv6 Support, DHCPv6, Dual-Stack Static and Dynamic IPv6 routing

QoS and DSCP for voice, video and data traffic

Port Mirroring, RSTP, Software DMZ

IPSec Site-to-Site VPN tunneling and IPSec/PPTP client sessions

Inter-VLAN routing, RIPv1/v2, Static Routing

Stateful packet inspection (SPI) firewall with access rules

Best in Class Cisco Small Business Support Service

Intuitive easy-to-use browser UI and Setup Wizard

RV 100 Series – high performance and easy to use

Feature	Business Benefit
Enhanced IPSec/PPTP/Open VPN*	More scalable and flexible VPN options for intercommunication between branch offices and remote employees
USB 3G/4G failover	Reduces downtime, improves business availability and continuity
SFP*/RJ-45/xDSL* WAN Connectivity	Flexible and diverse business choice of WAN Connectivity
802.11n/ac* Wireless with Captive Portal*	Extend Wireless access to guests. Scales productivity with excellent wireless throughput
Dynamic Web Filtering	Keeps employees and users safe from unwanted content and malicious websites.
Cisco PnP* support	Zero-touch provisioning. Reduces OPEX and knowledge requirements. More rapid adoption of managed services.
FindIT Network Management*	Centralized management of SMB 100 – 500 devices. Less employee hours for installation and configuration.
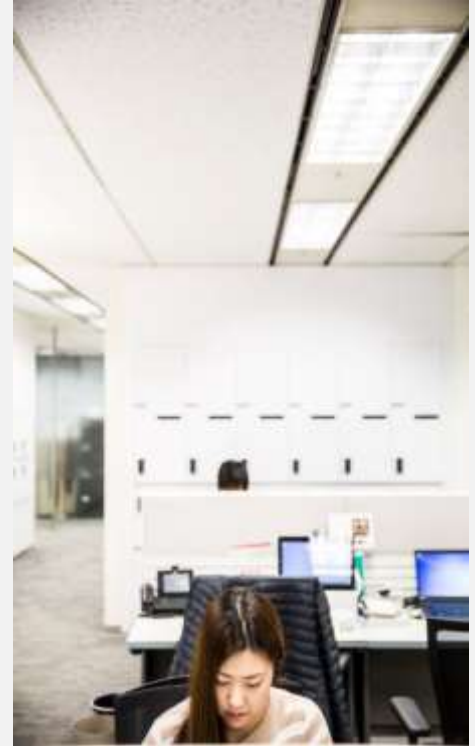
Positioning

Cisco RV Series Router Portfolio Positioning

	Small Business Routers	Meraki Cloud Managed	Integrated Service Router
Target Market	SMB / Sub 500	SMB, Medium Branch, Large Branch, Concentrator	SMB, Mid-market and Enterprise
TCO	Lower CapEx	Low OpEx (overall network life)	Lower OpEx (overall network life)
Integration	Seamlessly integrates with other SBTG solutions	Seamless blending of hardware, software and cloud technologies	Complex per technology integration solutions
Support	Cisco Small Business TAC	Cisco Meraki Support	Cisco TAC
Key Features	✓ Small Business Architecture, ease-of-use ✓ Business-class performance, from basic to nonstop connectivity ✓ High-speed wired and wireless connectivity ✓ Flexible, secure connections for remote offices and traveling employees ✓ Optional email, anti-spam, and web protection (some models) ✓ Simplified configuration and operational excellence ✓ World-class service and support ✓ Backed by Limited Lifetime Warranty ✓ Secure VPN connectivity for site-to-site and remote access	✓ High-performance hardware and simpler enterprise communications ✓ Next-Gen Firewall featuring integrated IDS/IPS engines based on Sourcefire's Snort, identity-based and device-aware security, sophisticated content filtering ✓ Auto VPN by auto provisioning site-to-site VPNs, flexible tunneling, topology and security policies ✓ Failover and HA – multiple layers of redundancy, 3G/4G Cellular and Dual Uplink Support, Warm Spare Failover, Datacenter High Availability	✓ High-performance, nonstop connectivity, high availability ✓ Modular design (ISR4000 Series) delivers optimal service flexibility ✓ Best-in-class security, including firewall, zone-based firewall, IPS, content filtering, and more ✓ More highly secure VPN options, including Dynamic Multipoint VPN (DMVPN), EzVPN, Flex VPN and zero-touch secure VPN ✓ Enhanced redundancy to increase fault tolerance and business uptime

* Selected models

Cisco RV Series Router Portfolio Positioning

	Small Business Routers	Meraki Cloud Managed	Integrated Service Router
Software	Non-Cisco IOS Software	Cisco Meraki Software for iOS/macOS/Android Windows and Mac Devices	Cisco IOS Software
Orderability / Refresh Cycles	3-5 years orderability 1-2 years product refresh Support: 5 yrs. after EOS	5-7 years orderability 3-5 years product refresh Support: 7 yrs. following the EOS	5-7 years orderability 3-5 years product refresh Support: 5 yrs. after EOS
Services	Cisco SMARTnet Total Care	Cisco Meraki Enterprise support	Cisco SMARTnet® Total Care/Cisco Partner Support Service
Scalability	Home Office / Small Office / Branch Office	Small Office, Mid and Large Branch Office, Large Enterprise,	Small Office to Large Enterprise, Branch Office
Management	✓ Optimized for deployment and management of small and midsized networks ✓ WebUI, SNMP, Cisco Prime (Limited Support), FindIT Network Management platform	✓ Centralized Device Management with provision, monitor, secure and remote troubleshooting features ✓ Cloud Management with Out-of-band Control Plane including security, routing, switching, voice and mobile devices	✓ Command Line, Multiple enterprise-level management options: APIC-EM, CNA, Cisco Prime Infrastructure, Cisco Configuration Engine, Cisco WAAS Central Manager ✓ Supported by Cisco and third-party management tools, with programmability and automation.

Cisco RV Series Router Portfolio Positioning

	Small Business Routers	Meraki Cloud Managed	Integrated Services Routers
Key Functional Areas	**Lead with Cisco Small Business Solutions for** ✓ Purposely Built for Small and Medium Businesses ✓ Easy to Setup & Manage ✓ Best quality at an affordable price ✓ Standards based Product Architecture ✓ Intuitive Management Suite (FindIT) ✓ Investment Protection with Limited Lifetime Warranty ✓ Industry leading Technical Support	**Lead with Cisco Cloud-Managed Solutions for** ✓ Cloud Management with single pane of glass ✓ Simple automated IPSec, mesh / site-to-site deployments ✓ Simplified traffic shaping and web filtering / policy ✓ Less tech knowledgeable IT who focus on ease-of-deployment ✓ Existing Cloud-Managed (Meraki) Wireless or MDM solution customers ✓ Speedy Deployment (Cloud-Managed) ✓ Integrated, Simplified Troubleshooting Tools ✓ Application Visibility ✓ Subscription-based Feature Delivery (SaaS model) ✓ Existing Cisco Cloud Managed (Meraki) Wireless customers	**Lead with Cisco Enterprise Routing Solutions for** ✓ Customers with significant Cisco infrastructure or prefer IOS ✓ Dynamic routing + advanced features: L2-L7 services, IPv6 ✓ Modularity requirements (WAN diversity, UC/Voice, Compute) ✓ 3rd party integration or management ✓ Sophisticated IT staff ✓ Continued investment in Cisco/IOS access ✓ Extended HW/SW Support, TAC, Government Certs ✓ Integration with ISE and Prime for Unified Access ✓ Additional Value with ISR4000 Services of Wireless, Redundancy, Application Visibility etc.
Primary Markets	Home Office, Small Office, Retail, Large and Midsized Offices	Mid-Market, Education, Retail, Professional Services	Defense, Government, Healthcare, Financial Services, Managed Services, Retail, Education, Hospitality