

Firmware 8.5.3 Release Notes

Release Date: Sep 12, 2025

Devices Supported

This firmware release supports the following devices:

Balance	20X / 30 LTE HW3 / 30 Pro / One / One Core / Two / 210 HW4-5 / 310 HW4 / 310 5G / 310 Fiber 5G / 310X / 305 HW2 / 380 HW6 / 380X / 580 HW2-3 / 580X / 710 HW3 / 1350 HW2 / 2500 / 2500 EC / 5000 EC
MAX	700 HW3-4 / BR1 Mini HW3 / BR1 Mini Core HW3 / BR1 Mini 5G / BR1 Mini M2M / BR1 ENT / BR1 Pro HW7 / BR1 Pro 5G / BR2 Pro HW4 / BR2 / BR2 Micro / BR1 IP55 HW4 / HD1 Dome HW1 / HD1 Dome Pro / HD2 HW5-6 / HD2 Dome HW1 / Dome Pro LR / HD2 IP67 HW2-4 / HD2 MBX / HD2 Mini / HD2 with MediaFast / HD4 / HD4 IP67 / HD4 MBX / HD4 with MediaFast / MBX Mini / Transit / Transit Core / Transit Pro E / Transit Duo / Transit Duo Pro / Transit Duo Pro E
UBR	UBR Plus
B One	B One / B One Plus / B One 5G
MediaFast	200 / 500 / 750 / HD2 / HD4
SDX	SDX / SDX Pro
EPX	
PDX	
FusionHub	
SpeedFusion Relay	
SpeedFusion Engine	SFE CAM

Important Notices

- For FusionSIM and RemoteSIM users, it is suggested to upgrade the SIM Injector to [Firmware 1.2.5 \(Release Notes\)](#)
- Further major firmware updates will NOT support the following models. They will receive Firmware 8.5.x maintenance releases as needed.

Balance	30 LTE HW3 / 30 Pro HW1 / 210 HW4-5 / 310 HW4 / One HW1-3 / One Core HW1
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MAX	700 HW3-4 / BR1 ENT HW1-2 / HD1 Dome HW1 / HD2 HW5-6 / HD2 Dome HW1 / HD2 IP67 HW2-5 / HD2 Mini HW1-4 / HD2 with MediaFast HW1-4 / HD4 HW1-5 / HD4 IP67 HW1 / HD4 with MediaFast HW1-4 / Transit HW1-3 / Transit 5G HW2-3 / Transit Core HW1 / Transit Duo HW1-3 / Transit Duo Pro E HW1 / Transit Pro E HW1
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MediaFast	200 HW1,3
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SpeedFusion Engine	SFE CAM HW1
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- Firmware 8.5.2 or above: SpeedFusion VPN is not compatible with devices running Firmware 8.0.0 or below.
- AP Controller users with the Wi-Fi Operating Country set to Taiwan or Brazil must review their Wi-Fi channel configuration and reapply the settings
- **InControl** must be enabled on **PrimeCare** devices to update software features such as SpeedFusion (Bonding, Smoothing, Hot Failover).

Improvements

Reference	Description	Device Supported
34259	[RC 2] [PrimeCare] Added a Web UI option to refresh Care Plan license information manually	Device product code with the suffix "-PRM"
34131	[RC 2] [5000 EC] Added dual power supply status and system temperature display on Balance 5000 EC	Balance: 5000 EC
34700	[RC 2] [Switch Controller] Added option in Switch Controller to preserve existing Port and VLAN settings when switches come online	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
34849	[RC 2] [eSIM] Enhanced the Cellular state to remain in "No Peplink eSIM Subscription" when it is the only enabled SIM slot and the subscription status is unknown	Balance: 20X HW3, 310X HW3, 310 5G, 380X, 580X MAX: BR1 Mini/Mini Core HW3/Mini M2M, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit Duo Pro/Pro E, HD2/4 MBX HW4, HD1 Dome Pro, HD2 Dome Pro E/LR, MBX Mini B One: B One Plus/5G UBR: Plus EPX, SDX Pro, SDX
34966	[RC 2] [2500 EC] SpeedFusion throughput updated to reflect actual performance	Balance: 2500 EC
33270	[RC 1] [Remote User Access] Added DHCP reservation support based on Remote User Access usernames	All Models

34817	[RC 1] [B One] Added IPv6 passthrough feature support for B One series (Included in: 8.5.2s133)	B One: B One, B One Plus/5G
32581	[RC 1] [BGP] Added support for BGP over route-based IPsec	All Models
34810	[RC 1] [USB] Added support for Fujisoft FS040W USB modem	Balance: All MAX: BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series, HD2/4 MBX, MBX Mini MediaFast: All SDX, SDX Pro
34720	[Beta 2] [Docker] Added Docker support for --device /dev/net/tun to enable tunneling inside containers	Balance: 310 5G/Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 2500 EC, 5000 EC MAX: BR2 Pro, Transit Duo Pro, Transit Duo Pro E, MBX Mini, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX (with EXM-LCDT)
32271	[Beta 2] [RADIUS] Added support for a secondary RADIUS server for Web Admin authentication fallback	All Models
32517	[Beta 1] [LAN PVID] Added PVID support in LAN Port Settings	Balance: 20X, 310X, 380X, 580X, 310 5G/Fiber 5G, 305, 380, 580, 710 1350, 2500, 1350/2500/5000 EC MAX: MAX: BR1 Mini/Mini 5G/Core/M2M, BR2, HD2/4 MBX

		MediaFast: 500, 750 UBR: Plus PDX, SDX, SDX Pro, EPX
34438	[Beta 1] [Starlink] Added “GPS Receiver” and “GPS Forwarding” when Starlink WAN is enabled	All Models (Except FusionHub)
34277	[Beta 1] [CLI] Added CLI command to display masked SIM PIN	All Models
34399	[Beta 1] [System] Added event log entry for approximate power-off time	All Models
34174	[Beta 1] [HA] Added event log for HA sync failure when the configuration is not fetched from the master device	All Models (Except FusionHub)
33302	[Beta 1] [GPS] Added GPS source priority configuration and active source display on the dashboard	Balance: 20X, 310X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
33672	[Beta 1] [Cellular] Added IPv4-only PDP type enforcement for private SIM profiles (Included in: 8.5.2s058, 8.5.1s077, 8.5.1s044)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34437	[Beta 1] [Cellular & GLTE-S] Added SMS Control support for GLTE-S cellular devices (Included in: 8.5.2s073)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product

		code contains GLTE-S)
33430	[Beta 1] [eSIM] Added specific prompt to enter confirmation code when missing during eSIM download	Balance: 20X HW3, 310X HW3, 310 5G, 380X, 580X MAX: BR1 Mini/Mini Core HW3/Mini M2M, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit Duo Pro/Pro E, HD2/4 MBX HW4, HD1 Dome Pro, HD2 Dome Pro E/LR, MBX Mini B One: B One Plus/5G UBR: Plus EPX, SDX Pro, SDX
34470	[Beta 1] [802.1X] Added support for a second RADIUS server for wired 802.1X authentication	Balance: 310X, 380X, 580X, 310 5G/Fiber 5G, 305/380 or above MAX: Transit Duo Pro, BR1/2 Pro, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX
34076	[Beta 1] [IPsec] Added support for DH Group 16 in IPsec Phase 1 and Phase 2 settings	All Models
33368	[Beta 1] [AP Controller] Added support for keyword and AP name filtering in event log search	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
34648	[Beta 1] [Cellular & LTE-SB] Added support for LTE-SB cellular module firmware upgrade via Web UI	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product

		code contains LTE-SB)
34465	[Beta 1] [System] Added support for multiple NTP servers (Included in: 8.5.2s100)	All Models
34029	[Beta 1] [DPI] Added support for new protocols in the DPI engine, including Sonos, DingTalk, Paltalk, DICOM, LagoFast, GearUP Booster, Lustre, OpenWire, FLUTE, Ripe Atlas, ZUG, PFCP, LOL: Wild Rift, and Elder Scrolls Online	All Models
34028	[Beta 1] [DPI] Added support for new web protocols in the DPI engine, including NordVPN, Surfshark, CactusVPN, Windscribe, Naver, Shein, Temu, Taobao, Paramount Plus, Yandex Alice, Vivox, Rutube, Mozilla, Generative AI, and Cybersecurity	All Models
34098	[Beta 1] [Cellular & 5GN] Added support for site surveys that scan nearby cellular towers using InControl's Connection Test feature	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GN)
34670	[Beta 1] [SNMP] Added support for standard SNMP linkUp and linkDown traps (Included in: 8.5.2s122, 8.5.2s117)	All Models
34263	[Beta 1] [Switch Controller] Added support for Switch Controllers to report managed switch status and forward their reports to InControl	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
31367	[Beta 1] [Virtual WAN on VLAN] Added support for Virtual WAN on VLAN in OSPF/RIPv2 settings	Balance: All MAX: All MediaFast: All

		UBR Plus, SFE Cam PDX, SDX, SDX Pro, EPX * If the above models have PrimeCare, one Virtual WAN on VLAN will be included
34307	[Beta 1] [Cellular] Improved Web UI and API to correctly display and handle Cell ID for 5G networks	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34302	[Beta 1] [Wi-Fi WAN] Improved Wi-Fi WAN roaming for static IP setups to avoid unnecessary disconnection events (Included in: 8.5.0s102)	Balance: 20X, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: HD2/4 PDX, MBX
34329	[Beta 1] [B One Plus HW2] Increased remote user access limit to 15 for PPTP, L2TP, and OpenVPN on B One Plus HW2	B One Plus HW2
34695	[Beta 1] [Cellular] Increased SMS content length limit	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34132	[Beta 1] LTE-E and LTE-US cellular firmware upgrade now supported on additional models	MAX: HD1/2 Dome Pro series, Transit Duo Pro, BR1/2 Pro
33832	[Beta 1] [System] Updated client probing method from ICMP to ARP	All Models

25298	[Beta 1] [IPsec] Updated IPsec to allow customization of Dead Peer Detection settings	All Models
34334	[Beta 1] [SNMP] Updated SNMP to display full 36-bit Cell ID for LTE and 5G and deprecated outdated 3G-only identifiers	All Models
34372	[Beta 1] [Edge Computing] Updated the default storage partition layout to exclude MediaFast and ContentHub partitions; users can add them manually if needed	Balance: 1350 EC, 2500 EC, 5000 EC MAX: BR1 Pro HW3, BR2 Pro HW4, Transit Duo Pro, Transit Duo Pro E, HD2/4 MBX with Edge Computing MediaFast: 500, 750 SDX Pro, EPX (with EXM-LCDT)
34447	[Beta 1] Upgraded Web Content Blocking to include full category support on specific models	MAX: HD1/2 Dome Pro series, Transit Duo Pro, BR1/2 Pro

Resolved Issues

Reference	Description	Device Supported
21788	[RC 2] [Cellular] Fixed "Bandwidth Allowance Monitor" allowing both "Disconnect" and "Reserve for management traffic" to be enabled simultaneously.	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34829	[RC 2] [Wi-Fi] Fixed a Wi-Fi stability issue (Fixed in: 8.5.3 s002)	Balance: 20X 30 Pro, One, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus MediaFast: 200, HD2/4 PDX
34840	[RC 2] [System] Fixed an issue where changing IP Passthrough to VLAN may fail in the Web UI	All Models
34864	[RC 2] [System] Fixed an issue where InControl might not be able to apply configuration to devices	All Models
34355	[RC 2] [B One] Fixed Bluetooth not being disabled after initial setup when it was never used	B One: B One, B One Plus/5G
34888	[RC 2] [Wi-Fi WAN] Fixed missing Wi-Fi WAN Quality reporting to InControl when roaming was enabled (Fixed in: 8.5.0s110)	Balance: 20X, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit

		Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: HD2/4 PDX, MBX
34335	[RC 1] [Remote User Access] Fixed an issue where dropped OpenVPN connections during setup could leave Remote User Access DHCP leases permanently assigned (Fixed in: 8.5.2s063)	All Models
34743	[RC 1] [Cellular & 5GD] Fixed the issue where the 5GD cellular device could not work on Optus networks	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GD)
34784	[RC 1] [FusionHub] OSPF page may keep loading and not display OSPF Area and RIPv2 sections on FusionHub 8.5.3b02	FusionHub
34809	[RC 1] [System] Updated the expiration date of the default CA certificates for Web Proxy, ContentHub, and OpenVPN of Remote User Access	All Models
33997	[Beta 2] [Wi-Fi WAN] Fixed a stability issue that occurred when 2.4GHz Wi-Fi WAN was enabled (Fixed in: 8.5.2s056)	MAX: HD1/2 Dome Pro series, Transit Duo Pro, BR1/2 Pro

34733	[Beta 2] [Switch Controller] Added support for selecting “Untagged LAN” in VLAN Trunk custom settings for Switch ports	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
34421	[Beta 2] [LAN] Fixed an issue that prevented the DNS Proxy from resolving hostnames when one of multiple configured DNS resolvers was unreachable	All Models
34005	[Beta 2] [Outbound Policy] Fixed an issue where Least Used outbound policy misrouted traffic when selected WANs exceeded their bandwidth setting	All Models (Except FusionHub)
34764	[Beta 2] [Wi-Fi WAN] Fixed an issue where Wi-Fi WAN could not reconnect after repeated disable and enable actions (Fixed in: 8.5.0s109)	Balance: 20X, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: HD2/4 PDX, MBX
34640	[Beta 2] [WAN] Fixed the issue of GRE WAN not working in 8.5.3 Beta 1	All Models
34644	[Beta 2] [WAN] Fixed the issue of Management IP access not working on DHCP WAN in 8.5.3 Beta 1	All Models
34347	[Beta 1] [Cellular & 5GD] Fixed 5GD cellular device occasionally unable to connect to the network (Fixed in: 8.5.2s086, 8.5.2s072, 8.5.2s065)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus

		PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GD)
33754	[Beta 1] [Captive Portal] Fixed a stability issue in Captive Portal	All Models (Except FusionHub)
34364	[Beta 1] [Cellular] Fixed an issue where active eSIM profiles could not be removed on 5GD and 5GN cellular devices	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34328	[Beta 1] [GPS] Fixed an issue where enabling the “forward GPS data with GPIO status” option did not update the forwarded GPS message	Balance: 20X, 310X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
33683	[Beta 1] [Cellular] Fixed an issue where incorrect APN was used on some global roaming SIMs	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX

34432	[Beta 1] [MBX Mini HW2] Fixed an issue where PoE stopped working after factory reset on MBX Mini HW2 (Fixed in: 8.5.2s075)	MBX Mini HW2
26023	[Beta 1] [RemoteSIM] Fixed an issue where RemoteSIM firmware appeared invalid after a successful upgrade	Balance: 20X, 310X, 380X, 580X, 310 5G/Fiber 5G MAX: BR1 Pro, Transit Core/Pro, HD2 Mini, HD1/2 Dome/Dome Pro, HD2/4 MBX UBR: Plus PDX
34455	[Beta 1] [Synergy Mode] Fixed an issue where Synergy WAN interfaces could be dropped after applying configuration from InControl	Synergized Device: Balance, MAX, MediaFast, UBR: All PDX Synergy Controller: Balance: 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit, 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4 B One: B One, B One 5G/Plus MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX

34308	[Beta 1] [BR1 Mini 5G] Fixed an issue where the BR1 Mini 5G failed to detect the cellular module after a software reset	BR1 Mini 5G
34376	[Beta 1] [Switch Controller] Fixed an issue where VLANs for Virtual WAN on LAN were not included in the managed switch configuration (Fixed in: 8.5.2s076)	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
34663	[Beta 1] [Bonjour Forwarding] Fixed Bonjour forwarding failure when device has more than 32 VLAN interfaces (Fixed in: 8.5.2s115)	All Models (Except FusionHub)
33938	[Beta 1] [Cellular & 5GN] Fixed cellular firmware upgrade issue that might not work on 5GN cellular devices	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GN)
34247	[Beta 1] [CLI] Fixed CLI issue where cellular operator settings could not be retrieved	All Models
34257	[Beta 1] [Cellular] Fixed failure to retry highest priority custom PLMN during carrier selection (Fixed in: 8.5.2s047)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX

34666	[Beta 1] [FusionSIM] Fixed FusionSIM connection failure when Auto LAN Discovery was disabled (Fixed in: 8.5.2s113)	Balance: 310 5G, 20X, 310X, 380X, 580X MAX: BR1 Pro, Transit Core/Pro, HD2 Mini, HD1/2 Dome/Dome Pro, HD2/4 MBX UBR: Plus PDX
34601	[Beta 1] [FusionSIM] Fixed FusionSIM issue caused by uptime overflow (Fixed in: 8.5.2s105)	Balance: 310 5G, 20X, 310X, 380X, 580X MAX: BR1 Pro, Transit Core/Pro, HD2 Mini, HD1/2 Dome/Dome Pro, HD2/4 MBX UBR: Plus PDX
34327	[Beta 1] [SDX] Fixed IGMP packets being dropped on SDX LAN ports (Fixed in: 8.5.2s059)	SDX, SDX Pro
34632	[Beta 1] [Outbound Policy] Fixed intermittent Outbound Policy routing failures causing random packet loss through SpeedFusion tunnels (Fixed in: 8.5.2s123, 8.5.2s116, 8.5.2s109)	All Models (Except FusionHub)
34248	[Beta 1] [Cellular] Fixed issue where device did not stay connected on SIM restricted to management traffic (Fixed in: 8.5.2s046)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX
34220	[Beta 1] [LAN] Fixed issue where DHCP relay remained active after being disabled	All Models

34193	[Beta 1] [LAN] Fixed issue where incorrect system time caused abnormal DHCP lease durations (Fixed in: 8.5.2s038)	All Models
34456	[Beta 1] [FusionHub] Fixed issue where OpenVPN clients could not access web admin on FusionHub (Fixed in: 8.5.2s085)	FusionHub
34134	[Beta 1] [Synergy Mode] Fixed issue where SIM Card B was not detected on Synergy Cellular WANs	Synergized Device: Balance, MAX, MediaFast, UBR: All PDX Synergy Controller: Balance: 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit, 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4 B One: B One, B One 5G/Plus MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
34389	[Beta 1] [EPX] Fixed issue where Starlink GPS status was not applied on EPX without cellular modules (Fixed in: 8.5.2s070)	EPX

34429	[Beta 1] [DPI] Fixed issue where WhatsApp messages were not fully blocked by Application Blocking	All Models
34058	[Beta 1] [Balance One] Fixed LAN ports not forwarding traffic when LAN1–3 were assigned as WAN ports	Balance: One
34664	[Beta 1] [Cellular & LTEA-B] Fixed LTEA-B cellular device not reconnecting to the network after APN change (Fixed in: 8.5.2s113)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains LTEA-B)
34342	[Beta 1] [Cellular & LTEA-B] Fixed LTEA-B cellular device remaining in reset state (Fixed in: 8.5.2s089)	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini B One: B One 5G/Plus MediaFast: HD2/4 UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains LTEA-B)
34496	[Beta 1] [FusionSIM Agent] Fixed memory usage increasing over time on FusionSIM Farm devices when proxying to SIM Injectors	All Models (Except MediaFast, PDX)

	(Fixed in: 8.5.2s091)	
34082	[Beta 1] [SNMP] Fixed missing interface table entries in the public SNMP MIB on FusionHub (Fixed in: 8.5.2s013)	All Models
34567	[Beta 1] Fixed missing LTEA-B cellular device firmware upgrade support on certain devices (Fixed in: 8.5.2s101)	Balance: 30 LTE, 30 Pro, 210/310 HW4, One, One Core MAX: 700, BR1 ENT, HD1 Dome, HD2/Dome/IP67/Mini, HD4/IP67, Transit/Duo/Duo Pro E/5G/Core MediaFast: 200, HD2, HD4 SFE: SFE Cam
34471	[Beta 1] [Wi-Fi AP] Fixed RADIUS Accounting being disabled for InControl-managed SSIDs (Fixed in: 8.5.2s088)	Balance: 20X, 30 Pro, One, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: 200, HD2/4 PDX
34546	[Beta 1] [System] Fixed rare issue that prevented device from communicating with InControl	All Models
34564	[Beta 1] [AP Controller] Fixed repeated config sync and apply logs when InControl-managed SSIDs were used with AP Controller (Fixed in: 8.5.2s104)	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
34659	[Beta 1] [FusionSIM Agent] Fixed SIM retrieval failure over SpeedFusion when using FusionSIM Agent WAN IP	All Models (Except MediaFast, PDX)

33888	[Beta 1] [SpeedFusion] Fixed SpeedFusion profiles not loading on HA devices after reboot when no WAN connection is available (Fixed in: 8.5.1s119)	Balance: 210 or above MAX: 700, HD2/4, Transit UBR: UBR LTE MediaFast: All SFE X Series: All (Except 20X) FusionHub Device with PrimeCare license
34160	[Beta 1] Fixed system stability issue on B20X and UBR Plus (Fixed in: 8.5.2s051, 8.5.2s026)	Balance: 20X UBR: Plus
34103	[Beta 1] [System] Fixed the CVE-2025-26466 vulnerability	All Models
34173	[Beta 1] [Synergy Mode] Fixed the issue where a synergized device might appear offline in InControl after losing connection with the controller	Synergized Device: Balance, MAX, MediaFast, UBR: All PDX Synergy Controller: Balance: 20X, 30 LTE/Pro, One/Two, 210/310 HW4 or above, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1 Mini HW3, BR1 ENT, BR1 Pro 5G, BR1 Pro HW7, BR2 Pro HW4, Transit, 700 HW3 or above, HD1 Dome/Dome Pro, HD2 Dome, HD2 HW5 or above, HD2 Mini, HD4 B One: B One, B One 5G/Plus MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
34243	[Beta 1] [DNS Proxy] Fixed the issue where LAN DNS Proxy might stop working when using DoH (Fixed in: 8.5.2s049)	All Models (Except FusionHub)
34129	[Beta 1] [LAN] Fixed the issue where LAN static routes might not work briefly during Apply Changes (Fixed in: 8.5.2s021)	All Models

34211	[Beta 1] [FlexModule Mini] Fixed the issue where LTEA-B Cellular FlexModule Mini could not be detected (Fixed in: 8.5.2s035)	Balance: 20X, 380X, 580X
34207	[Beta 1] [Wi-Fi WAN] Fixed the issue where Wi-Fi WAN might not be able to connect to some access points (Fixed in: 8.5.2s033, 8.5.2s032)	Balance: 20X, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: HD2/4 PDX, MBX
34025	[Beta 1] [Wi-Fi WAN] Fixed Wi-Fi WAN might not work when roaming option is enabled	Balance: 20X, 310 Fiber 5G MAX: All (Exclude: BR1 ENT, BR1 Mini 5G/Core, BR2 Micro, Transit Core, HD2 Mini, HD1/2 Dome/IP67) B One: B One, B One 5G/Plus UBR: Plus MediaFast: HD2/4 PDX, MBX

Known Issues

Reference	Description	Device Supported
34889	[Switch Controller] Configured “External Access” to VLAN may cause the SD Switch device to go offline after syncing with the Switch Controller	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX
32620	[System] LAN clients in ports 1 or 2 may fail to obtain an IP with Multiple IP passthrough WAN support	All Models
30858	[Docker] Docker container cannot be run on a device that doesn't have an active DHCP server running	Balance: 310 5G/Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 2500 EC MAX: BR2 Pro, Transit Pro E/Duo Pro/Duo Pro E, MBX Mini, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX (with EXM-LCDT)
29679	[System] YouTube blocking may not work if YouTube traffic is using QUIC	All Models
33920	[Switch Controller] Changing the port PVID may not apply properly	Balance: All MAX: BR1 Pro 5G/HW7, BR2, BR2 Pro, 700, HD2/4, HD2 Mini, Transit, HD2/4 MBX, MBX Mini MediaFast: All UBR: Plus B One: B One, B One 5G/Plus PDX, SDX, SDX Pro, EPX

Report an Issue

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