

Firmware 8.4.1 Release Notes

Release Date: Jan 25, 2024

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
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 / BR1 IP55 HW4 / HD1 Dome HW1 / HD1 Dome Pro / HD2 HW5-6 / HD2 Dome HW1 / 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 Duo / Transit Duo Pro / Transit Duo Pro E
UBR	UBR Plus
MediaFast	200 / 500 / 750 / HD2 / HD4
SpeedFusion Engine	SFE CAM
SpeedFusion Relay / PDX / SDX / SDX Pro / FusionHub	

Important Notices

- The configuration file for Firmware 8.3.0 or above is not compatible with firmware versions 8.2.1 or below.
- For FusionSIM and RemoteSIM users, it is suggested to upgrade the SIM Injector to [Firmware 1.1.133](#)
- **InControl** must be enabled on **PrimeCare** devices to update software features such as SpeedFusion (Bonding, Smoothing, Hot Failover).
- Further major firmware updates will NOT support the following models. They will receive Firmware 8.3.x maintenance releases as needed.

Product	Hardware Revision
Balance 20	HW7-8
Balance 210	HW2-3
Balance 30 LTE	HW1-2
Balance 310	HW2-3
Balance 50	HW1-3
MAX 700	HW1-2
MAX BR1	HW2-3
MAX BR1	HW1
MAX BR1 ESN	HW1
MAX BR1 IP55	HW1-3
MAX BR1 IP67	HW1
MAX BR1 M2M	HW1-3
MAX BR1 MK2	HW1-3
MAX BR1 Mini	HW1-2
MAX BR1 Mini Core	HW1-2
MAX BR1 Pro	HW2-6
MAX BR1 Slim	HW1
MAX BR2	HW2-3
MAX BR2 IP55	HW2-3
MAX HD2	HW1-4
MAX HD2 IP67	HW1
MAX Hotspot	HW1
MAX On-The-Go	HW2

MAX Transit Mini	HW1
SpeedFusion Engine	HW1-2
Surf SOHO	HW2
Surf SOHO MK3	HW1
UBR LTE	HW1-2

Improvements

Reference	Description	Device Supported
31442	[System] Updated naming conventions for SpeedFusion	All Models
31412	[System] Added feature to allow OSPF to advertise any custom routes	All Models
31761	[eSIM] Bring your own eSIM is now enabled with SIM priority 3 in the default configuration	Balance: 20X HW3, 310X HW3, 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 UBR: Plus EPX
28393	[System] Enhanced Virtual Network Mapping to support non-sequential One-to-One NAT mappings	All Models
31759	Hardware encryption is now enabled for selective devices	MAX: BR1 Mini/Mini 5G/Core/M2M
30922	[Cellular] Added API support for retrieving cellular module temperature	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
31119	[LAN] Added API support for configuring the LAN ports settings	All Models
31120	[SNMP] Added API support for configuring the SNMP settings	All Models

30970	[Cellular & 5GN] Added Band, Channel and PCI lock for 5G SA network on -5GN 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, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GN)
31151	[FusionSIM / RemoteSIM] Added carrier selection capability for FusionSIM / RemoteSIM	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
30581	[Peplink eSIM Data Plan] Added display of Peplink eSIM Data Plan subscription info, including remaining quota and expiry date, on the Web UI for supported models	Balance: 20X HW3, 310X HW3, 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 UBR: Plus EPX
28082	[Cellular] Added Event Log for cellular module firmware updates	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
30478	[Starlink] Added functionality to report GPS location data from Starlink to InControl when no other GPS data are available. Note: "Allow access on local network" must be enabled under "STARLINK LOCATION" in the Starlink App	Balance: 310X, 380X, 580X, 310 5G/Fiber 5G, Two, 305/380 or above MAX: BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit 5G, HD1 Dome/Dome Pro, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX
31149	[LACP] Added LACP support for specific models	Balance: 310 5G/Fiber 5G, 310X MAX: BR1 Pro 5G, BR1 Pro HW7,

		BR2 Pro HW4, HD2/4 MBX, MBX Mini PDX
28313	[GRE] Added OSPF and RIPv2 support over GRE tunnel	All Models
31594	[Synergy Mode] Added Starlink WAN support on Synergy WAN	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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
31253	[eSIM] Added support for displaying eSIM EID in the system	Balance: 20X HW3, 310X HW3, 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 UBR: Plus EPX
31497	[FusionSIM] Added support for displaying FusionSIM remaining quota and subscription expiry date on the Web UI	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
31133	[UBR Plus] Added support for DPI to the UBR Plus	UBR Plus

31035	[eSIM] Added support for eSIM profiles that require a confirmation code	Balance: 20X HW3, 310X HW3, 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 UBR: Plus EPX
31275	[Docker] Added support for exposing unencrypted USB storage mount points to containers in Docker	Balance: 310 5G/Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 2500 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)
31529	[IPsec] Added support for GRE over IPsec without loopback connection	All Models
30912	[LAN] Added support for LAN networks with a subnet mask of 255.255.255.254 (/31)	All Models
30780	[Cellular] Added support for LTEA-K / LTEA-R cellular module firmware upgrades	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
30760	[USB Ethernet Adapter] Added support for USB Ethernet LAN7801	Balance: All MAX: BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series, HD2/4 MBX, MBX Mini MediaFast: All SDX, SDX Pro
30761	[RemoteSIM] Added the ability for FusionSIM Agent and RemoteSIM Proxy to accept connections from SpeedFusion VPN tunnels when the destination IP address is its LAN IP address	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
31178	[SpeedFusion Connect] Added the ability for users to trigger a latency check for SpeedFusion Connect locations on demand	All Models (Except FusionHub)
31339	[Wi-Fi] Added Ukraine as an operating country for Wi-Fi selection	Balance: 20X, 30 Pro, One MAX: All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) MediaFast: HD2/4 X Series: 20X, MBX, PDX UBR: UBR LTE
31481	[Starlink] DHCP option 121 is now included in DHCP requests for WANs with Starlink to obtain static routes from the Starlink DHCP server	Balance: 310X, 380X, 580X, 310 5G/Fiber 5G, Two, 305/380 or above MAX: BR1 Pro 5G, BR1 Pro HW7, BR2 Pro, Transit 5G, HD1 Dome/Dome Pro, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX
31050	[HA] Enhanced HA Config Sync to enable the HA Slave role device, when operating in Master state, to obtain config from the Master role device	All Models (Except FusionHub)
29661	[Serial Port] Enhanced TCP functionality in Network Operating Settings to support combined TCP Server and Client modes, catering to specific SCADA application needs.	MAX: BR1 ENT, Transit, HD2 Mini
31254	[HA] High Availability (HA) is supported for all models (Except FusionHub)	All Models (Except FusionHub)
31189	[802.1X] Implemented 802.1x port-based authentication support on Wired LAN for specific models	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
31134	[eSIM] Implemented a feature to display the EID (eSIM Identifier) in the cellular details section of the Web UI for devices supporting BYO eSIM	Balance: 20X HW3, 310X HW3, 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 UBR: Plus

		EPX
30017	[System] Implemented Stream Control Transmission Protocol (SCTP) packet routing support	All Models
30839	[Docker] Introduced an automation feature for Docker containers on MAX Transit Pro devices, allowing for essential package downloads, Docker image pulls and updates, container creation and management, and image pruning via a configuration file (/etc/docker/automation.conf).	Balance: 310 5G/Fiber 5G, 310X, 380X, 580X, 710, 1350, 2500, 2500 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)
31365	[Content Blocking] Renamed the content categories. "Drugs" to "Health and Medicine" and "Contraband" to "Abused Drugs"	All Models
30417	[LAN] Updated Local DNS caching to use the shortest TTL in DNS replies	All Models

Resolved Issues

Reference	Description	Device Supported
31269	[FusionHub] Fixed issue where FusionHub on AWS could not use instance ID as Web UI password after factory restore, found in 8.4.1 RC 2	FusionHub
31724	Fixed an issue where throughput performance might drop every 30 seconds	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
31731	[LAN] Fixed the DNS Cache Snooping issue of LAN DNS Proxy	All Models
31766	[Captive Portal] Fixed the issue of Session-Timeout attribute not working in RADIUS authentication	All Models (Except FusionHub)
31730	[Cellular & 5GN] Fixed the issue of SMS control malfunction on 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, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX (Device with Cellular and product code contains 5GN)
31799	[System] Fixed the issue of unable to download diagnostic report while the device is handling a large number of connections	All Models
31665	Fixed an issue causing automatic device reboots	Balance: 310X, 380X, 580X, 310 5G/Fiber 5G, 305/380 or above MAX: HD1/2 Dome Pro series, Transit Duo Pro, BR1/2 Pro, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro, EPX
31065	[Starlink Support] Added support for Starlink on additional models	Balance: 20X 30 LTE, 30 Pro, 210/310 HW4, One, One Core MAX: 700, BR1 Mini/Mini 5G/Core/M2M/ENT, HD1 Dome, HD2/Dome/IP67/Mini, HD4/IP67, Transit/Duo/Duo Pro E/5G/Core

		MediaFast: 200, HD2, HD4 SFE: SFE Cam
31667	[FusionSIM] Fixed the issue of FusionSIM not working over GRE tunnel	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
31634	[RemoteSIM] Fixed the issue of RemoteSIM not working on BR2 Pro	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
31659	[Cellular & 5G] Fixed the issue of SIM B might not work with SIM A disabled LTE bands	Balance: 20X, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1 Pro 5G, BR2 Pro, Transit 5G HD1 Dome Pro, MBX, MBX Mini PDX, SDX, SDX Pro EPX
29802	[B20X] Fixed intermittent firmware upgrade failures on B20X	Balance: 20X
31639	[Synergy Mode] Fixed stability issue in Synergy Controller when multiple devices are connected	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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX

31630	[Synergy Mode] Resolved the issue where the health check warning message was incorrectly displayed	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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
31364	[Captive Portal] Fixed a malfunction in Captive Portal Popup Handling when clients are using Capport	All Models (Except FusionHub)
31507	[MBX Mini HW2] Fixed a stability issue caused by changing WAN port speed on MBX Mini HW2	MAX: MBX Mini HW2
31128	[BR1 Pro] Fixed an issue in MAX BR1 Pro where the LAN interface was remaining down after disabling and then re-enabling the LAN ports	MAX: BR1 Pro 5G/HW7
31122	[Web UI] Fixed an issue in WAN Quality reports where incorrect latency was detected due to TCP acceleration in connections (eg: MissionLINK Iridium Certus)	All Models
31125	[Synergy Mode] Fixed an issue of incorrect WAN usage reporting on Synergy 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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
31509	[FusionSIM] Fixed an issue related to FusionSIM where the last config was not removed before a new SIM request	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
31608	[FusionSIM] Fixed an issue where Cellular WAN was unable to connect if FusionSIM was set as Priority 1 but without an active subscription	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
31216	[Content Blocking] Fixed an issue where Content Blocking user group exemption malfunctioned when Content Blocking rules were pushed from InControl	All Models
31519	[FusionHub] Fixed an issue where FusionHub on Azure was unable to apply a license	FusionHub
31218	[SpeedFusion] Fixed an issue where LAN users were unable to get DNS results for hostnames defined in SpeedFusion Profiles	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
31605	[MAX Adapter] Fixed an issue where Mobile Internet WAN with MAX Adapter Cellular WAN could not obtain a /31 network IP	Balance: All MAX: BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series, HD2/4 MBX, MBX Mini, HD2/4 with MFA MediaFast: All SDX, SDX Pro
31531	[OpenVPN WAN] Fixed an issue where OpenVPN WAN connections were unable to access services on certain servers	All Models (Except FusionHub)
31162	[QoS] Fixed an issue where setting the bandwidth limit	All Models

	to 'Unlimited' for a User Group caused malfunctions in Individual Bandwidth Limits	
31610	[Synergy Mode] Fixed an issue where Synergy Devices might incorrectly show as "Scheduled Down"	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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
29401	[Synergy Mode] Fixed an issue where Synergy Wi-Fi WAN signal quality charts were not displayed in the WAN Quality status	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 MediaFast: All UBR: Plus SDX, SDX Pro, PDX, EPX
30971	[IPsec] Fixed an issue where the IPsec VPN event log was not being sent to the remote syslog server when Remote Syslog is enabled	All Models

31228	[Virtual WAN on VLAN] Fixed an issue where the usage for Virtual WAN on VLAN might not be displayed	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
30890	[Web UI] Fixed an issue where Usage Reports could lead to unnecessary memory and storage usage	All Models
31048	[USB WAN] Fixed an issue where USB Cellular WAN couldn't be switched to IP Forwarding mode and remained in NAT mode after clicking Save & Apply	Balance: All MAX: BR1 ENT, BR2 Pro HW4, HD2/4 Indoor Series, HD2/4 MBX, MBX Mini MediaFast: All SDX, SDX Pro
31586	[Cellular] Fixed an issue where WAN latency statistics were sometimes missing in InControl WAN Quality reports when T-Mobile cellular WANs were in use	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
31493	[Captive Portal] Fixed issues where Captive Portal might not function correctly with large numbers of client sign-ins	All Models (Except FusionHub)
31112	[GPS] Fixed the issue GPS messages were being missed	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
31325	[Cellular] Fixed the issue of causing high CPU load after enabling SMS Control	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
31322	[Captive Portal] Fixed the issue where "Allowed Clients" configuration malfunctioned when using Capport for captive portal detection	All Models (Except FusionHub)

31554	[Cellular and USB] Fixed the issue where cellular module firmware upgrades caused USB devices (storage or USB Ethernet) to be unmounted	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1 ENT, HD2/4, HD2/4 MBX, MBX Mini, HD2/4 with MFA SDX, SDX Pro
31174	[System] Fixed the issue where firmware upgrades were unexpectedly initiated when checking for firmware updates	All Models
31280	[SpeedFusion VPN] Fixed the issue where hostname lookup was failing when the hostname was configured for PepVPN but the WAN was not in a connected state	All Models
31421	[QoS] Fixed the issue where QoS bandwidth limiting malfunctioned with VLANs	All Models
31465	[Wi-Fi AP] Fixed the issue where the 'Enable Wi-Fi 6' option was shown on devices that do not support Wi-Fi 6	Balance: 20X, 30 Pro, One MAX: All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) UBR: Plus PDX
31503	[Wi-Fi Mesh] Fixed the issue where the Wi-Fi Mesh might failed to establish	Balance: 20X, 30 Pro, One MAX: BR1 MK2, Transit, 700 HW3 or above, HD2 HW5 or above, HD4 MediaFast: 200, HD2/4 X Series: 20X, MBX, PDX Surf SOHO: SOHO MK3
31223	[Cellular] Fixed the issue with sending SMS using the API	Balance: 20X, 30 LTE/Pro, 310 5G/Fiber 5G, 310X, 380X, 580X MAX: BR1/2, HD1/2/4, Transit, HD2/4 MBX, MBX Mini, HD2/4 with MFA UBR: Plus PDX, SDX, SDX Pro, EPX
31227	[B20X] Fixed the system instability during content blocking database download on the B20X	Balance: 20X
31187	[SpeedFusion VPN] Resolved an issue in FusionHub where the "Route SpeedFusion VPN traffic to LAN" function was malfunctioning	All Models
30706	[HA] Resolved an issue in High Availability (HA) where IPsec tunnels failed to establish when the HA slave enabled 'Establish Connections in Slave Role'	All Models (Except FusionHub)
31549	[BR1 Mini HW3] Resolved an issue on the BR1 Mini	MAX: BR1 Mini HW3

	HW3 where IGMP Snooping and Minimum Data Rate settings were not functioning properly	
31203	[IPsec] Resolved an issue where the IPsec VPN profile was not displayed correctly in the Advanced > IPsec VPN page and as the "Enforced Connection" in the Advanced > Outbound Policy page	All Models
30483	[Virtual GRE WAN] Resolved an issue where Virtual GRE WAN host connections were incorrectly routed through the LAN if LAN static routes overriding the GRE host IP	For the device with Virtual GRE WAN licensing applied

Known Issues

Reference	Description	Device Supported
31834	Starlink GPS support is lacking on models without integrated GPS	Balance: All (Except 310X)
31101	Enabling Layer 2 SpeedFusion VPN with settings to allow 'All VLAN ID' on SDX may result in the device becoming unresponsive	SDX, MBX, MBX Mini
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 Duo Pro, Transit Duo Pro E, MBX Mini, HD2/4 MBX MediaFast: 500, 750 PDX, SDX, SDX Pro EPX (with EXM-LCDDT)
29679	[System] YouTube blocking may not work if YouTube traffic is using QUIC	SDX, MBX, MBX Mini

Report an Issue

To report an issue, please open a support ticket at:

<https://ticket.peplink.com/>

For the latest development news and known issues, take a look at our forums:

<https://forum.peplink.com/>