

CPE F6500 - Features and Improvements

● Wi-Fi Improvements

We've improved device compatibility and stability for Wi-Fi clients on Mako 4000 and Mako 6000 series.

● Automated Speed Tests

We've added the ability to automatically monitor the available Internet bandwidth and latency on an ongoing basis, giving greater visibility over the networks performance.

● SCTP-based Firewall Rules

We've added SCTP support to the firewall. It is now possible to create fine grained SCTP firewall rules.

● Firmware Update Enhancements

We've enhanced the MakoScope and Firmware Update Status diagnostic to provide greater detail about firmware updates, how far they have progressed, and what firmware is being applied.

CPE F6500 - Maintenance

- Cellular: Improved compatibility for Verizon SIMs on Mako 6600 series hardware.
- Deployment: Improved compability with more USB key/thumb drive formats. Now supports USB keys without a partition.
- Diagnostics: Added a Wi-Fi Channel survey diagnostic to help identify channel occupancy at a site.
- Diagnostics: Added the ability to identify a Mako device by flashing its LEDs or LCD screen.
- Diagnostics: Improved the Wi-Fi Connected Devices diagnostic to provide more details on each connected device.
- Internet: Fixed issue where PPP may not reconnect in some situations for PPPoE over VWAN configurations.
- Internet: Fixed issue with DHCP-based WAN unexpectedly releasing its assigned IP address under certain situations.
- IPsec: Added support for custom static routes for a specific routing table.
- IPsec: Fixed IPsec not working on Cellular under certain situations.
- Mako 4550: Improved boot process for resilience against filesystem corruption.

- Mako 5600: Includes a system and kernel upgrade.
- MakoScope: Enabled MakoScope on Access Points now, rather than just Security Gateways.
- MakoScope: Improved handling of the local MakoScope when a Mako is restarted or becomes unavailable.
- Reports: Fixed issue with download usage not being recorded for some Internet configurations.
- SNMP: Cleaned up noisy SNMP logging.
- System: Improved time synchronization logic when a Mako device is unable to reach a NTP server for a long time.
- VDSL: Fixed issue with Mako 6600 series VDSL modems not enabled upon startup under certain situations.
- Verifone: Enhanced support for Verifone Commander troubleshooting and assistance.
- Virtual Makos: Fixed rare issue with IPsec tunnels using the wrong source IP address upon startup or reboot.
- Wi-Fi: Added mesh support to the Mako 4550 series.
- Wi-Fi: Fixed compatibility issue with certain Apple devices.
- Wi-Fi: Updated the Mako 4550 series Wi-Fi configuration to be an outdoor environment by default.

