The Netsurion BranchSDO engineering team continues to monitor various changes in operation management, enterprise applications, and regulation compliance standards. Version upgrades are made based on customer feedback and experience in the field, providing you the best solution possible.

**New Features**

- When a CXD transmits more than a certain threshold of data, a notification is sent to receivables@netsurion.com for accounting and billing to commence. **Threshold example: Greater than 200Mbs of data traffic on the WAN port or 100Mbs on the LTE port.**
- Introduction of support within the Orchestrator for CXD2800
- CXD Deployment ID association with each CXD Slot will never change when the Netsurion CXD is replaced by another one.
- In the **CXD > Inventory** screen, you can download report in the **CSV** format.

**Merger of WiFi data usage of all interfaces based on SSID - Historical Graph.** Only one SSID is shown in interfaces, which is fetched from the WiFi 0 interface. The received and transmitted data usage are the cumulative values of SSIDs from all WiFi interfaces.
- CXD2800: Users can see data usage of each ICCID (VZW & ATT) in the CXD Status page.
- All CXDs (2500 & 2800) visibility under Model: In the **Netsurion BranchSDO > CXDs > All CXDs** screen, users can see all available CXDs under the **Model** header.

- Ping status of each WAN: Previously, UI showed interface status of each WAN, but it did not show whether traffic is going through or not. Now, ping status is represented by **green tick mark** for ping status OK, **red cross mark** for ping status NOT OK, and **grey out** when ping status is OFFLINE/DOWN.

- ICCID 2 support for Inventory CSV Upload and Download.

### Feature Enhancements

- In the **CXD > Configuration > Edit > Settings > WiFi** screen, WiFi SSIDs are now common and displayed under the **Access Points** section.
- CXD2800: LAN1 to LAN5, the user cannot convert to WAN
• Common SSID are shown in the individual CXD LANs section.

• CXD2800: In the CXD > Configuration > Edit > Settings > WiFi screen, on the Channel menu, the Auto option is added.

• WiFi Channel and TX Power lists are fetched from devcfg.
• Model, Site, and Created On headers added in the CXDs > Inventory screen.

• In the CXDs > Inventory > New > Add Device dialog box, on the Device Model drop-down menu, CXD 2800 is added.

• CXD2800 has dual ICCIDs. When you select CXD 2800 as device model, ICCID 1 and ICCID 2 text boxes are displayed.
• CXD2800: In the **Historical Chart** screen, on the **Interface** menu, select **LTE0**. The data usage in the historical chart shows both ATT & VZW LTE.

![](image)

**Deprecated Features**

• Allow same VPN profile to be applied multiple times.

**Bug Fixes**

• In the **CXD > Configuration > Edit > Settings > LANs** screen, user was unable to add 14 LANs.

• CXD2800: WIFI SSID went offline on creation of SSID using WEP security with HEX characters password.

• CX2800: On disabling the WiFi SSID, it did not get disabled.

• Port number along with profile names in the VPN page did not display.

• CXD2800: User should not be given provision to import profiles from CXD2800 to CXD2500 or vice-versa.

• CXD2800: WiFi status displayed as active even when the device was offline.

• CXD2800: WiFi SSID parameters (security and passwords) did not update for WiFi interface 1 (5 GHz).

• Audit trail logs did not capture for WAN to LAN port forwarding when user added/deleted with LAN to LAN routing.

• Channel width 20/40/80 MHz removed for WiFi Interface 0.

• CXD2800: Proper validation done in port forwarding start and end port.

• CXD2800: Addition of static routes even if the gateway IP is not present in any of the LANs.
• Message did not display for user logged out due to session timeout.
• User did not receive account lockout email notification.
• CXD2800: Save button required to be clicked twice to save the CXD setting changes.
• CXD2800: WiFi interface status icon did not display for one of the WiFi as the WAN interface.
• During CXD2500 and CXD2800 sync up with the Orchestration, users saw ATT when CXD had the VZW carrier.
• LTE data usage threshold configuration was incorrect, alert was not working. Alert email was not being sent when threshold reached.
  Threshold value changed to **KB, MB, or GB** - all caps with space. Previously, it was **mb, kb, or gb**, - all lowercase, which was incorrect.
• CXD2500 - Traffic profile config did not update in the device when user edits were already applied in the CXD2500 profile. When user tried to edit the applied traffic profile of the CXD, that configuration did not update in the device.
• CXD2500: The WiFi icon in the CXD screen showed always offline. When configured 2 WiFi Aps, it showed 3 WiFi icons - one in the offline state.
• CXD2800: ICCID column fields issue. On the **CXDs > Inventory** screen, the ICCID column displayed IDs horizontally, in same line.
• Static Routes UI turned Publish to Cloud **No** to **Yes**.
• Configuring a route under Static Routes. When user tried to create a route and did not publish via CLOUD, it changed to YES even when NO was set. This did not impact the functionality of the route and everything worked as it should from a routing perspective.
• Improper alignment of WiFi as a WAN in the CXD status page.
• Real-time analytics page did not report correctly when the user was using WiFi WAN.
• DNS Server with 3-bytes address did not reject.
• Grammatical error on dashboard: Header title of the first column in the top 20 applications had too many “p” (Todays Top 20 Applications > First Column Header).
• CXDs worked but displayed offline.
• Ping status displayed red cross instead of grey cross when interface was down.
• CXD2800: 0.86 LTE data usage reporting. When user forced the flip to ATT, it captured the usage of ATT, however when it flips back to VZW LTE1, the data usage for ATT disappeared.
  The data usage in the historical charts did not show ATT as well after flip back to VZW LTE1.
• Aggregation issue on Ox. Orchestration traffic statistics did not match the device statistics.
• CXD2500/2800: Ox Real time traffic. WiFi WAN did not display the real-time traffic on that interface in the Real Time screen (interface was visible).
• WiFi as WAN accepted same SSID for both 2.4 GHz and 5.0 GHz.
• CXD2800: WiFi as WAN for WiFi 1 Interface did not work.
Known Issues

- Addition of the **Refresh** button in the **Analytics** screen.
- Inconsistent **Action** button. In the **Inventory** screen for a customer, on the **Action** button menu, the user has the option to edit, but in another screen, the **Action** button is available, but on clicking it, the menu is not displayed.