Firmware for NPort 6000 Series Release Notes

Version: v2.4	Build: Build 26111013
Release Date: Nov 19, 2026	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

• Added support for a second RADIUS server.
  - independent IP, shared secret, UDP port, authentication type, and accounting settings

Enhancements

• The cmd port option can be disabled with TCP Server mode.
• Increased the maximum username length up to 20 and the password length up to 32 for web console and Telnet/SSH console with RADIUS login.
• The "remote-only" authentication option is now unavailable until the remote server is configured.
• Added RFC3021 support.

Bugs Fixed

• The NPort doesn't reject a Web UI connection initiated using its DNS name, even if the configured "Server name" is different.
• Add RFC3021 support.
• A system reboot issue triggered by performing snmpbulkwalk on ipAdEntIfIndex OID in DHCP mode.
• An issue that causes the system to reboot when an SNMP GET-NEXT request is sent while IPv6 is disabled.

Changes

N/A

Notes

N/A

Version: v2.3	Build: 24101817
Release Date: Nov 25, 2024	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

• Supports authentication of client CA in Real COM / TCP Server mode.
• Supports import of certificate chain.
• Supports CHAP for web login with PAP as the default authentication type.

Enhancements

• Upgrades OpenSSL to version 1.1.1x.
• Disables SNMP in default configuration.
• Closes port 161 when SNMP is disabled.
• Signs certificates using ECC-256 instead of RSA-1024.

Bugs Fixed

• In the reverse terminal mode, when a restart port command is run, it is not possible to connect to the COM port.
• A system reboot issue that occurs with port buffering and the SD card.
• Limit the use of default multicast ttl(1) only for IGMP.
• Assign remote address to TACACS+ authentication.
• Assign remote address to TACACS+ authentication in SSH.
• An issue with the wrap round of engine time in SNMPv3.
• An issue where the CRC value does not change when modifying Moxa service settings, maximum login users, and auto logout settings.
• An issue where the TCP/IP compression configuration in SLIP mode cannot be enabled.
• A emulator terminal display issue and a crash issue.
• An issue where TLS v1.0/v1.1 options for HTTPS console are not working properly on non-LCM models.
• A tcp MSS value record error when receiving SYN.
• An issue where the web console shows an insecure connection even after importing the DUT's self-signed certificate into the browser's trusted root certification authorities.
• An issue where importing the configuration after resetting to default without restarting the device.
• An issue where using Telnet to connect to the DUT console triggers a reboot after SSH connections.
• An issue where disabling IPv6 in pair connection server mode may cause connection failure.

Changes

• Limits the private RSA key length to less than 4096 bits.
• Removes the DDNS setting page from the web, Telnet, SSH, Serial, and SNMP MIB.
• Removes SSH CBC cipher.

Notes

N/A

Version: v2.2	Build: Build 22110116
Release Date: Nov 18, 2022	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

• Supports AES-CFB as a privacy protocol for the SNMPv3 agent.
• Increases the RADIUS key size from 16 to 64 bytes.
• Supports SMTPS.
• Operation Mode: TCP Client mode supports the command-by-command function.
• Supports a new OID to get the CRC32 value of the runtime configuration file.

Enhancements

• Upgrades Dropbear to version 2022.82.
• Upgrades OpenSSL to version 1.1.1p.
• Supports secure attribute in HTTP cookies.
• Changes the format of error codes in the web console for security reasons.
• Removes the autocomplete field function for sensitive data in the web console.

Bugs Fixed

• An issue of the RTS signal being High during system bootup when the flow-control function is "Hardware". The default value of flow-control function is "None" with this firmware version.
• An issue of the Ethernet port on the NPort 6150 (HW version 1.6.0) being in the linked-down status after the device restarts.
• An issue of the NPort 6100 sending an incorrect LLDP packet.
• In the Reverse Terminal (SSH) mode, if the TCP session times out, the device may continue sending data to the terminated TCP session.
• If the "server message" option is enabled in the TACACS+ packet from the TACACS+ server, the authentication process may fail.

Changes

N/A

Notes

N/A

Version: v2.1	Build: Build 21111115
Release Date: Nov 15, 2021	

Applicable Products

NPort 6400/6600 Series, NPort 6100/6200 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Supports USB crystal change for the NPort 6600 Series.
• Supports special characters “,”, “-“, “_”, and “~" in the account management function.

Bugs Fixed

• RTS should be low and DTR high after the system boots up and before establishing a TCP connection.
• Connection failure when connecting to a SSH server via the terminal.
• Cannot save email setting changes if the username/password information is left blank.

Changes

N/A

Notes

• This new hardware revision includes the USB crystal change for the NPort 6600 Series. Hence, downgrades to prior firmware versions are not supported for the series. All firmware versions after v2.1 will prevent users from downgrading to versions prior to v2.1.

Version: v2.0	Build: Build 21052517
Release Date: Jun 04, 2021	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

• Supports LLDP protocol for MXview auto-topology function.
• Supports turning on HTTPS by default for TLS 1.2.
• Supports MXconfig v2.6 and MXview v3.1.20.
• Supports first-time login function to set username/password.
• Supports daylight saving.
• Adds a notification regarding the limitation on the length of sensitive data.
• Supports the new firmware file format.

Enhancements

• Upgrades Dropbear to 2020.80.
• Upgrades OpenSSL to 1.1.1k.
• Supports applying port configuration changes at runtime without restarting the device.
• Records the username, source IP, and port number in "Event Log" and "System Log".
• Disables Telnet console by default.
• Disables TLS v1.0/v1.1 by default.
• UI and UX enhanced for "Configuration file import/export and pre-shared key".
• Setting to reject an unrecognized host header in HTTP.
• Supports Accessible IP function on web/Telnet/SSH consoles and Moxa service.
• Supports redirect from HTTP to HTTPS.
• Added an account lockout mechanism for web, Telnet, SSH, serial console, LCM, and Moxa services.
• Enhanced the status checking mechanism for RTC to record RTC events in the system log.
• Disabled the weak ciphersuites when high secure mode is enabled.

Bugs Fixed

• Solves vulnerability issues: CVE-2017-14028, CVE-2017-16719, CVE-2003-0001, CWE-319.
• NPort sends a duplicate ACK during TCP handshake.
• NPort still sends "ALIVE" command packets after serial data has been transmitted.
• NPort should not send the system time information in an ICMP "timestamp" packet.
• TACACS+ status is wrong in the exported configuration file.
• Syslog server cannot receive Cold Start event log when DUT's IP is assigned by DHCP server.
• NTP connection failure results in frequent NTP requests.
• The device may be bricked after fimware upgrade.
• LLDP is not work when Turbo Ring v2 is enabled.
• The password may be lost after upgrading firmware from v1.10 or prior versions.

Changes

N/A

Notes

N/A

Version: v1.21	Build: Build 21053111
Release Date: Jun 04, 2021	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

• Supports upgrade to the new firmware file format.

Enhancements

N/A

Bugs Fixed

• The device may be bricked after firmware upgrade.
• The user password may be lost after upgrading firmware from v1.10 or prior versions.

Changes

N/A

Notes

• This version is necessary to upgrade to firmware v2.0 and later.
• For the NPort 6400 Series, please upgrade the firmware via the DSU/MCC tool.

Version: v1.19	Build: 20110514
Release Date: Dec 04, 2020	

Applicable Products

NPort 6400/6600 Series, NPort 6100/6200 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• NPort 6200 fiber models have a longer booting time when no fiber cables are plugged into the fiber ports.

Changes

N/A

Notes

N/A

Version: v1.18	Build: 19040311
Release Date: Nov 02, 2020	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Includes the driver for a new Ethernet and flash component.

Bugs Fixed

• Add HTTP header to prevent Clickjacking attacks.

Changes

• Supports a new Ethernet and flash component that replaces an EOL component.

Notes

N/A

Version: v1.17	Build: Build 18082217
Release Date: Jan 16, 2019	

Applicable Products

NPort 6100/6200 Series, NPort 6400/6600 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Supports new flash to address component end-of-life.
- Support 12-bytes serial number.
- Supports RTC RX8130CE.
- Disabled TCP port 14900.
- Upgraded Dropbear SSH to 2017.75.
- Updated openssl library to 1.0.2k.
- Serial and Web console can use an empty pre-shared key to export a plaintext config file.
- RADIUS and TACACS+ can use attributes to manage user group policy.

Bugs Fixed

- NPort reboots unexpectedly when opening a port twice in Reverse Real COM mode with secure enabled.
- Cannot modify serial settings through telnet/ssh console.
- Cannot set prefix netmask for the accessible IP list.
- System may restart when running an SNMP walk.

Changes

N/A

Notes

N/A

Version: v1.16	Build: Build 17030709
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• The user's password and SNMP community name may be exposed by a buffer overflow issue.
• Connection fails with OpenSSH client v7.2 legacy mode (diffie-hellman-group1-sha1).

Changes

N/A

Notes

N/A

Version: v1.15	Build: Build 17010610
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Changed the default setting for password lifetime to disable.

Bugs Fixed

• SNMP get next does not work on userAccount and accessPermission items of private MIB when set user account less than 16.
• Password lifetime does not work on telnet/SSH/serial console.
• When the RTC battery runs out of power, the password would expire at web login if the lifetime check function is enabled.
• When the RTC battery runs out of power, the web session would expire unexpectedly.

Changes

N/A

Notes

N/A

Version: v1.14	Build: Build 16111111
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports RTS on delay and RTS off delay for RTS toggle mode.

Enhancements

• Extended maximum value of RTS on delay and RTS off delay from 100ms to 1000ms.
• Revised to comply with Moxa Security Guideline 2.0 which includes the following topics: Account Authentication Management, Network management, Audit and Log Management, System Security Guidelines, OpenSSL 1.0.2g /High Secure Mode, Cookie protection, Cross-site request forgery (CSRF) protection, Moxa Command (DSCI) optimization
• Enabled default password as "moxa".
• Increased XSS protection mechanism.
• Supports encrypted import/export.
• Enhanced web login security and supports multiple users logged in simultaneously.

Bugs Fixed

• Freezing in Reverse SSH mode.
• When the network is offline, the network link LED still flashes.
• NPort may reboot or hang from several buffer overflow attacks from Telnet, SSH, DSCI, SNMP, HTTP, and HTTPS.
• NPort may have a buffer overflow vulnerability when user imports/exports configuration.
• In TCP server mode, the RTS line stays high and does not toggle.
• With a loopback cable, the RTS/CTS flow control may be incorrect.
• DROWN attack vulnerability.

Changes

N/A

Notes

N/A

Version: v1.13	Build: Build 16011418
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports RTS toggle.

Enhancements

N/A

Bugs Fixed

• If RADIUS server is enabled, the NPort does not send RADIUS requests to the RADIUS server after the first successful login through HTTPS.
• When "Port buffering" and "Force transmit" are enabled at the same time, the NPort 6000 will not send any data to Ethernet until the data buffer has been queued up to 1 Kbytes.

Changes

N/A

Notes

N/A

Version: v1.12	Build: Build 15063014
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports dynamic UDP option. When using the dynamic UDP option, the target address is decided by the source address of the last received data.

Enhancements

• The Ethernet frame should be padded (with octets of zero) to meet the Ethernet minimum frame size.
• Updated the openssl library to 1.0.1g.
• Changed the default setting for SNMP Community strings.
• The session ID is made by using a cryptographically secure pseudorandom number generator.

Bugs Fixed

• When multiple ports on an NPort are in Ethernet Modem mode, if one of them disconnects due to an ATH command, the other ports will stop communications.
• TACACS+ configuration cannot be saved.
• IP forwarding should not be triggered when the routing table is empty.

Changes

N/A

Notes

N/A

Version: v1.11	Build: Build 13100403
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6150-T, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6250-T, NPort 6250-M-SC-T, NPort 6250-S-SC-T, NPort 6450, NPort 6450-T, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports NPort 6150-T, 6250-T, 6250-M-SC-T, 6250-S-SC-T, and 6450-T.

Enhancements

• Supports SDHC.

Bugs Fixed

• Port buffering to an SD card does not work after one day of buffering.
• "Ignore jammed IP" for TCP Client mode does not work when the "Max connection" is set to 1.
• Enabling/disabling "Command by Command" for TCP Server mode through the web does not work.

Changes

N/A

Notes

N/A

Version: v1.10	Build: Build 13032514
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports "RIP-2", which is based on RFC 2453.

Enhancements

• Obtained IPv6 Ready Logo (Phase-2) certificate.
• Supports NO-IP DDNS.
• Changed original routing protocol "RIP-2" to "RIP-1 Compatible" since the system transmits RIP responses in broadcasts but not in multicasts (RFC 2453 section 5.1).
• Uses model name instead of "NULL" for SNMP object "sysDescr".
• The "NTP Connect Fail" event of "system log" may only be recorded once before the NTP server is connected successfully.

Bugs Fixed

• "Serial to network connections" displays incorrectly through the text mode console when the operation mode is set to Dial in/out mode.
• "Serial to network connections" displays incorrectly through the text mode console when the connection status is "disconnected" for any operation mode.
• The "event" of "auto warning" displays "module settings" through the text mode console when there is no extended module.
• The "LCM" status in the "Overview" page displays incorrectly in the web console.
• Upgrading the firmware for the NPort 6450 may fail.
• Compatibility issue with some 2 GB SD cards.
• NPort would restart when it discovers an SD card with an illegal file format.
• System Monitoring would not display used ciphers when NPort is running in secure Reverse Real COM mode.

Changes

N/A

Notes

N/A

Version: v1.9	Build: Build 10102817
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Supports NPort 6650-8-T, 6650-16-T.

Bugs Fixed

• When there are multiple ports simultaneously set to PPP mode, authentication may fail.
• In TCP server mode, command by command operation will display a fail status through the web console.

Changes

N/A

Notes

N/A

Version: v1.8	Build: Build 10081211
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Port buffering now supports SD cards with up to 2 GB.
• The timeout mechanism of the web console has been removed to allow multiple users to configure the NPort simultaneously.
• SIGNATURE command in RFC2217 mode now supported.
• The timeout mechanism of the serial console has been removed.

Bugs Fixed

• NPort cannot retrieve netmask information from BOOTP.
• Routing information was not always transmitted through a PPP connection.
• Loops occasionally occur when using Turbo Ring V2.
• When serial ports receive NETBIOS packets while in PPP mode, memory for communication will be used up and the NPort will not receive any packets through serial ports or LAN ports.
• In pair connection mode, when the DCD and DSR signal has been changed, events will not be properly handled.
• NPort may not boot up successfully when NM-GPRS/GSM modules are inserted.
• In TCP server mode, "inactivity time" was inaccurate.
• In UDP mode, when set to "end destination address", data cannot be sent out.
• The contents of the system log may be incorrect when several events occur simultaneously.
• In PPP mode, the NPort does not always boot up successfully.
• SNMP manager software was unable to clear the PIN code of NM-GPRS/GSM modules.
• The TCP Client and UDP port numbers were not set properly when configured from the web console.
• When NM-GPRS/GSM and NM-Modem modules are set to "Connection control" or "Remote host fail/remote host recovered", the NPort cannot detect whether the remote host has failed or if it is operating normally.
• "IP configuration" cannot be set up correctly with an imported configuration file.
• When port buffering is enabled, buffered data will be lost due to a network timeout.
• SNMP manager software is unable to set up Turbo Ring V2.
• When using the WinCE driver to open a Real COM port, it takes about 6 seconds for the port to open.
• Port buffering may cause data loss and may not work properly with the delimiter.
• When there are multiple ports simultaneously set to LPD mode, Windows is unable to add new LPD print devices.
• The RTS signal can't be changed when set to DTR/DSR flow control.

Changes

N/A

Notes

N/A

Version: v1.7	Build: Build 08061815
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports IPv6.
• Supports Reverse Real COM mode.
• Supports Turbo Ring or Turbo Ring V2.
• When using the Web console and login fails, a "Login Fail" message will be displayed.

Enhancements

N/A

Bugs Fixed

• Changed the syntax of localTime in the MIB file from DateAndTime to DisplayString so that the local time is accurate and can be properly set.
• When the LAN module is inserted and the LAN port on the module is active but the built-in LAN port is inactive, the status of the built-in LAN is incorrectly displayed as link up.
• Syslog does not send logs to the server for the following Network events: DHCP/BOOTP/PPPoE Get IP/Renew, IP Conflict, and Network Link Down.
• When plugging certain SIM cards and setting PIN codes, the NPort buzzer sounds.
• When setting SNMP system variables "sysContact", "sysName", and "sysLocation" with a string length over 40 bytes through the MIB browser, the NPort will not function properly. To resolve this, characters exceeding the 40-byte limit are truncated.
• The "Band", "Dial-in number", and "APN" of the GSM/GPRS Settings are not saved when doing a Configuration Export and not loaded when doing a Configuration Import.

Changes

N/A

Notes

N/A

Version: v1.6	Build: Build 08012911
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• Ports 9 to 16 and ports 17 to 24 are exchanged for the NPort 6610-32/6650-32.

Changes

N/A

Notes

N/A

Version: v1.5	Build: Build 07120313
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Supports V.92 modem modules.
• Supports NM-TX02 LAN modules.
• Supports TACACS+ authentication protocol for Operation mode and console login functions.
• Supports Real COM+ function.
• "Validate caller's phone number" function in GSM mode.

Enhancements

N/A

Bugs Fixed

• System log was not cleared when setting the NPort back to factory default settings.
• Offline port buffering did not work in pair connection mode.
• The length of username was not correct when performing PPP/CHAP authentication.
• SMS alerts for serial port events did not take effect when they were enabled through a telnet console.
• Ignore IP option did not take effect when importing a configuration file through the serial console.

Changes

N/A

Notes

N/A

Version: v1.4	Build: Build 07080317
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• User cannot set GSM/GPRS PIN code via telnet console.
• In pair connection mode, when two NPorts are connected, the Ethernet cable of one NPort(A) is unplugged and mass data is sent to another NPort(B), plugging the Ethernet cable in again would cause Ethernet traffic to NPort(A) to be jammed.
• If an incorrect console password was entered through the Windows utility, the NPort would not log this event or send out SNMP trap/email alerts.
• "Outgoing PAP ID" and "PAP password" fields were added for GSM/GPRS modules (for NPort 6450, NPort 6650, and NPort 6610).
• The NPort would data abort when users set the IP configuration to DHCP and rebooted.
• The NPort would crash when "flash erase" and "reboot" are performed at the same time.
• Users could not use pair connection mode through GSM/GPRS networks.
• In Real COM mode, users could not open COM ports when offline port buffering was enabled.
• The GSM/GPRS PPP-trace would display incorrectly through the text console.
• GSM will not answer calls if the IP address on the PPP server side was not configured.

Changes

N/A

Notes

N/A

Version: v1.3	Build: Build 07062617
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• In Real COM mode, user could set ASPP commands successfully even if the corresponding data port was closed. This problem is limited to firmware v1.2.
• Users cannot enable or disable the port buffering and serial data log functions through the web console. This problem is limited to firmware v1.2.
• When loading an older version of the firmware (<= ver 1.1.0) into PCB version 1.4 of the NPort 6650-8/16, the NPort will not function properly. This problem is limited to the NPort 6650-8/16.

Changes

N/A

Notes

N/A

Version: v1.2	Build: Build 07061119
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

- Supports RSTP (Rapid Spanning Tree Protocol) (NPort 6450, NPort 6650, and NPort 6610)
- Supports GSM/GPRS modules (NPort 6450, NPort 6650, and NPort 6610)
- Supports selectable cipher method.
- Supports offline port buffering in Real COM mode.

Enhancements

N/A

Bugs Fixed

- Cannot log in to the SSH console when the telnet console is disabled.

Changes

N/A

Notes

N/A

Version: v1.1	Build: Build 07050817
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• Added apply settings to specific port functions.

Enhancements

• In Reverse Terminal Mode, the Applet Console function is supported.

Bugs Fixed

• When querying the modem register in Ethernet modem mode, the register value will be incorrect.
• The NPort was sometimes unable to boot normally.
• When disable operation mode is set through telnet or serial, the web console cannot access the port.
• Cannot log in to the SSH console when only the telnet console is disabled.
• Cannot disconnect in Ethernet modem Mode when DTR drops off.
• Using the "atz" command should load the stored register value.
• Corrected "RIP v1 function" for certain subnets.
• Corrected "linear baud rate function" for certain baudrates.
• The User Name and Password were available through the web console only when the "IP configuration" was set to PPPoE.
• Using the SecureCRT utility with SSH caused the NPort to hang.
• Cannot configure or save the proper SNMP version from the Web console.
• When using the Serial/IP Redirector utility, the NPort's baudrate would be reset to the default.
• The NPort cannot log in to SUSE Linux when in SSH-Terminal mode.

Changes

N/A

Notes

N/A

Version: v1.0	Build: N/A
Release Date: N/A	

Applicable Products

NPort 6150, NPort 6250, NPort 6250-M-SC, NPort 6250-S-SC, NPort 6450, NPort 6610-8, NPort 6610-8-48V, NPort 6610-16, NPort 6610-16-48V, NPort 6610-32, NPort 6610-32-48V, NPort 6650-8, NPort 6650-8-T, NPort 6650-8-HV-T, NPort 6650-8-48V, NPort 6650-16, NPort 6650-16-48V, NPort 6650-16-T, NPort 6650-16-HV-T, NPort 6650-32, NPort 6650-32-48V, NPort 6650-32-HV-T

Supported Operating Systems

N/A

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A