

Vodafone



MachineLink 3G

Firmware release notes

Vodafone

Power to you

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Release information

Item	Details
Product Code	NWL-10
Hardware Version	Hardware v1.0
Router Firmware Version	2.0.57.6
Module Firmware Version	Revision 03.320
Beta/Official	Official
Main system firmware file name	vdf_nwl10_2.0.57.6_m.cdi (37 MB) MD5: f6cfe9fb810d8f2b60b4042e5864d5a8
Recovery system firmware file name	vdf_nwl10_2.0.57.6_r.cdi (12 MB) MD5: c6dbe57e891778d910552a2bbee10035
uboot system file name	uboot.sb (293 KB) MD5: 56384ff8c19b499369d6b5fd1eae95a6
Module image file	phs8-p_r03.320_a01.000.06.usf (9.97 MB) MD5: 905f5aa17ba72d8b7da3a042242ba830
Date	28 th June 2017

Upgrade / Downgrade instructions

Please refer to the accompanying “**Vodafone MachineLink 3G Firmware Upgrade Guide**” file for details.

Changes / New features

V2.0.57.6

- **Cosmetic**
 - Various cosmetic fixes.
 - Updated user guide.
- **Functional:**
 - Resolved an issue where some SNMP parameters were not being saved in non-volatile memory and would lose its settings after the device was rebooted.
 - Improved the security of the device.
 - Added validation check on the destination address field for the port forwarding feature so that misconfiguration is not possible.
 - When SNMP v3 security is set to authentication disabled and privacy disabled, the get command now works correctly.
 - When attempting to install a uboot image via SMS, an error message was incorrectly sent even though the installation completed successfully.
 - Connecting or disconnecting an Ethernet interface can trigger an automated even notification via email, SMS or TCP.
 - Due to a change in the OpenSSH package, SSH key authentication with SSH-2 DSA keys was disabled by default. Added options to allow them to work.

V2.0.57.5

- **Cosmetic**
 - None.
- **Functional:**
 - Updated PLMN lists (17.05.12.20404 and 17.05.12.90128)
 - Moved User Guide from /usr/local to /opt/cdcs.

V2.0.57.4 (MR3)

- **Cosmetic**
 - Various cosmetic fixes.
- **Functional:**
 - Improved browser support.
 - Improved password strength algorithm.
 - Improved manual band selection feature.
 - Improved storage management on the router.
 - Updated Time zone list.

V2.0.57.1 (MR3 RC1)

- **Cosmetic**
 - Miscellaneous cosmetic fixes
- **Functional:**
 - Added a Network quality page providing ability to conduct a test of network speed.
 - Added a feature to disable the physical reset button.
 - Added new notification events for VRRP notification and reset button disabled/enabled.
 - Added Simple Certificate Enrolment Protocol (SCEP).
 - Administrator account renamed to User account.
 - SDK now includes a pre-built VirtualBox image.

- Improved SDK to allow for better debugging.
- SDK documentation improvement.
- Added VRRP WAN watchdog feature to allow monitoring via ping.
- Added Open Source Software Disclaimer.
- **Security:**
 - New password algorithm requires that the root manager account, IPSec VPN Pre-shared key and SMS white list passwords must now meet certain requirements to ensure a strong password is configured.
 - Only root user may edit account passwords and view them in clear text.
 - Network services such as Quagga are disabled by default. Warnings are displayed when enabling non-encrypted services (e.g. HTTP, Quagga).
 - Strengthened HTTP methods and transport security: HTTPS is now the default protocol used to access the web interface and HTTP is disabled by default.
 - Added options to set HTTPS/HTTP on web interface via LAN.
 - Added support for SNMP v3.
 - Added option to disable SSH and Telnet on LAN interface.
 - Hardened security for web interface logins by adding ability to configure web interface session timeout value, lockout period and number of failed attempts for unsuccessful web interface logins.
 - Various security fixes to prevent unauthorized access and Denial of Service (DoS) attacks.
 - SMS commands now require a password which enhances security.

Previous Releases

V2.0.18.21 (RC5)

- Fixed manual band selection issue where the unit ignores *GSM_all* band selection and reverts to 3G band.
- Fixed a PDP validation bug where the PDP activation procedure initiates two consecutive 0-byte data sessions under certain network conditions.
- Added missing Java library [libgcc_s.so] into software code.
- Applied a new network registration monitoring procedure, where the unit triggers full network scan if lost IMSI registration.

V2.0.18.10 (RC4)

- Updated PLMN lists (PLMN Ver. 14.11.09.20404 RC3.csv and PLMN Ver. 14.11.09.90128 RC3.csv)
- SMS diagnostics 'Access advanced RDB variables' & 'Allow execution of advanced commands' options now enabled by default.
- Fixed: Profile #17 PDP connection / zero-byte session issue.
- Updated User Guide.

V2.0.18.8 (RC3)

- Uboot updated to support 128MB RAM.
- Fixed: Connection drop issue. [QC defect #294/305]
- Embedded User Guide in firmware. [QC defect #301]
- Changed wording of event notification email. [QC defect #312]
- Miscellaneous cosmetic fixes.

V2.0.18.6 (RC2)

- Fixed: Rendering issue with Vodafone speech mark graphic. [QC defect #295]
- The "Clear" Event notification log button now also resets Event count on Status page. [QC defect #297]

- Added static device type information on Status page. [QC defect #298]
- Added test email button on Email server settings page. [QC defect #302]
- Condensed whitespace used in System Information section on Status page. [QC defect #303]
- Default RSSI threshold value changed to -105dBm. UI option tweaked as per Vodafone's specification. [QC defect #305]
- Updated User Guide image on Help page.
- Fixed: OpenVPN client mode authentication types aren't aligned correctly in web UI.
- Removed redundant firmware downgrade validation/warning message.
- Added workaround for PDP stability issue (pending Gemalto/Qualcomm resolution).
- Miscellaneous cosmetic fixes in web UI.

V2.0.18.4 (RC1)

- Updated PLMN lists for RC1 (PLMN Ver. 14.09.15.20404 RC1.csv and PLMN Ver. 14.09.15.90128 RC1.csv)
- Added Event Notification/Alarm via email, TCP and UDP.
- Redesigned Event Notification user interface.
- Added clear button to Event notification log. [QC defect #284]
- Fixed rendering of Status menu button upon click. [QC defect #283]

V2.0.18.2 (Beta)

- Added PLMN Versioning and ability to view the 'active' PLMN list version (ID#06).
- Added Network Acquire Threshold Control (ID#14).
- Implemented Best Network Mode selection (ID#16).
- Roaming algorithm improvements - added ability to monitor RSSI and restart roaming algorithm, when RSSI is below set threshold (ID#23).
- Web-GUI adaptation to new Vodafone brand style (ID#32).
- Changed IMSI check of GDSP roaming algorithm for 20404 range to 5 digits, from formerly 8 digits (#ID33).
- Implemented SMS Event Notification/Alarm
- Added SSH key management.
- The minus "-" sign can now be used when configuring RSSI threshold values via SMS command.
- MAC/IP/Port filtering subnet mask prefix for Source/Destination IP addresses has been modified to accept the value '0'.
- Added domain name support for IPSec, GRE and OpenVPN client.
- Added "Device Info" section on Web UI for ease of configuration of TR-069 on ACS server.
- SMS Inbox/Outbox: Added ability to select/delete part/all of stored SMSs per page.
- Re-named SMS 'Outbox' into 'Sent items' for compatibility with the standard of similar services, i.e. e-mail applications, mobile handsets, etc.
- SMS Diagnostics: Added extra two more options to allow the user a broader range of controlling the unit remotely via SMS:
 - Access advanced RDB variables: to provide an unrestricted access to all RDB variables involved into the router's data base.
 - Allow execution of advanced commands: to provide the user with an advanced level of controlling the unit through the execution of advanced level Linux-based commands via SMS functionality.
- Added support for SNMP remote management functionality to restore the unit back to its factory defaults, similar to other functions such as TR-069 and SMS.
- Fixed "Save" button in DHCP configuration section in web UI.
- Fixed HTML page authentication problem.
- Fixed Ethernet link speed (10/100Mbps) negotiation problem.
- Changed uboot sequence to reduce component stress during device boot.
- Upgraded jQuery version 1.6.4 to v1.9.1
- Cosmetic -

- Relocated Vodafone 'Roaming settings' page to be between 'Operator settings' & 'SIM security settings' under Wireless WAN section
 - Relocated data 'Roaming settings' option section from 'Data connection' page to bottom of options on 'Operator settings' page
 - Moved 'Connect on demand' page to bottom of 'Wireless WAN' list underneath 'SIM security settings'
 - Updated radios buttons, toggle switches and other graphical assets in Web UI.
 - Removed clock icon from 'Status' page.
 - Increased the frequency of the time used in 'System up time' section on 'Status' page to update every second.
 - Repositioned the 'Show data usage' button to the bottom centre of the 'Packet connection status' container.
 - Changed the data usage button wording to 'v Show data usage' and '^ Hide data usage'.
 - User guide image now an active element that will initiate downloading of the user guide upon selection.
 - Miscellaneous cosmetic fixed in Web UI.
- Implemented beta PLMN lists (PLMN Ver. 14.08.18.20404 BETA.csv and PLMN Ver. 14.09.02.90128 BETA.csv).
 - Added new TR-069 parameter to control RSSI threshold value via ACS
 - Uploading "Vendor Log File" via TR-069 fixed.
 - MAC/IP/Port filtering: iptables now correctly sets incoming traffic from a range of ports.
 - Fixed intermittent UBIFS crash.
 - Added 'Log capture level' for non-volatile memory log

v1.10.32.5

- Fixed issue with the Network LED where it only reflected the PDP status of Profile 1.
- Added latest PLMN lists.

v1.10.32.4

- Added a network attach work-around in the situation where there is a Vodafone GDSP SIM inserted and the router attempts to attach to Movistar network. In the event of an Attach Reject received by Movistar, the MachineLink 3G will force a detach followed by a subsequent attach – this allows the module to work around Attach Reject cause 111 currently being issued by the network. NetComm Wireless recommend this software work-around is removed in a subsequent maintenance release.
- To ease device configuration with special APNs, the Vodafone custom roaming algorithm has been modified to use PDP credentials entered by the user to validate a network as "OK" to register to, rather than using static settings as originally designed. This means customised APN credentials for username/password can be entered via the Web-UI and used by the roaming algorithm.
- To make the roaming algorithm more configurable for troubleshooting, a "Roaming settings" page in the Web-UI has been added, available on the System tab under System Configuration. This page allows you enable/disable the roaming algorithm, enable/disable PDP validity checking, and also change the best network retry period. This page also shows log messages relating specifically to Roaming Algorithm.
- To make future troubleshooting easier, the router now outputs extra status information to the Web-UI status page if the roaming algorithm encounters any issues during network registration.
- To make future troubleshooting easier, the router now outputs extra status information to the Web-UI status page if the connection manager encounters any issues during PDP context activation.
- Updated Vodafone PLMN roaming lists to September 2013 versions.
- Altered profile configuration page to send "guest"/"guest" for username/password in APN connection attempt if the user enters in empty/blank values for the username/password. If the user actually wants to use empty/blank values for the APN connection attempt, they can enter in a special value of "(blank)" without the quotes.
- Updated the user manual embedded on the help link to cover the changes listed above.
- For a more intuitive layout, some of the information fields on the Status Web-UI page were re-organised and relabelled. Also added module "CID" version to be displayed under the cellular module information section.
- Added secure shell (SSH) for device administration in addition to Telnet. Default settings are enabled on the LAN interface, and disabled on the WAN interface.

- Changed all LEDs to flash during module updating (similarly to router firmware upgrade).

v1.10.16.7

- Changed Vodafone roaming algorithm to use guest/guest for PDP check authentication and for details to be configurable via RDB.
- Fixed issue where manually selected operator isn't remembered after a reboot.
- Fixed issue where firmware upgrades via Web-UI occasionally fail to apply.
- Fixed Vodafone QC issue # 272: No browse after receiving GPRS Detach by Network.
- Fixed issue where SIM information (ICCID/IMSI) is not retrieved on boot until after roaming algorithm finishes.
- Integrated updated user manual to replace previous version.

v1.10.16.6

- Fixed an issue affecting RC4 where the "Help" tab in the Web-UI opened in a new window.
- Integrated latest updated User Manual.
- Integrated latest updated Quick Start Guide.
- Added support for white space in folder/file name for SMS, TR-069 and SNMP download locations.
- Fixed issue affecting dual simultaneous PDP usage where disconnecting second PDP causes first PDP to also be disconnected
- Fixed minor cosmetic issues on SMS acknowledgements and SMS inbox/outbox pages.
- Added error message pop up in cases when a firmware upgrade fails.
- Fixed issue where the RIP function failed to correctly advertise RIP packets

v1.10.16.5

- Ensured support for file downloads from authenticated FTP sites
- Fixed VF-Beta-Feedback #35: Link to NetComm URL on help page should open in a new tab
- Fixed Vodafone QC Issue #257: UM download link missing on anonymous log in
- Fixed Vodafone QC Issue #251 - Alter "Detecting SIM" message during SIM suspend state (module reboot) to be less misleading to customers
- Integrated final UM into firmware image
- Redirects anonymous user to login page if he tries to delete a file on help page
- Fixed issue where upgrade the main image through the recovery mode is broken
- Changed the Wakeup SMS reply acknowledgement to be subject to the enable/disable acknowledgements toggle.
- Integrated March 2013 PRL list update
- Changed TON/NPI values to 129 when sending SMSs to numbers not prefixed with +

v1.10.16.4

- Fixed issue where MNC/MCC are sometimes not shown on the advanced status box on the status page of the WebOUI
- Fixed issue where ping watchdog interfered with the correct operation of DDNS.
- Fixed issue where local DHCP server still operates when DHCP relay is enabled
- Fixed issue where many spurious log messages are generated relating to mobile network time during SIM suspend state
- Fixed issue where data usage statistics are inaccurate during SIM suspend state
- Altered band scanning page to streamline automatic PDP context de-activation / re-activation to improve user experience
- Addressed Vodafone QC issue #254 - Altered band scanning page to provide correct feedback if a manual network registration is denied, and allows the user to retry.
- Fixed Vodafone QC issue # 255 where the ME deactivates PDPC after 3 min even though the deactivation time was set for 20 min
- Improved PDP status checking negotiation with embedded module to prevent PDP drop out side effect of issue observed on 2 units where the Cinterion PHS8-P module always returns 0 to the AT command AT+CGACT?

- Relating to Vodafone QC Issue #256: Fixed issue where you cannot send SMSs to both a local and an international format of a number whilst not in Australia

v1.10.16.3

IMPORTANT: Only use this firmware build in real NWL-10 REV_D hardware or later, not to use in NTC-6908/NTC-6520 product hardware.

- Resolved connection drop issue which occurs during high upload throughput (QC Defect ID: 224& 235)
- Change to operator settings page to allow users to attempt to connect to forbidden networks during a network scan (QC Defect ID: 225)
- Fixed issue where using Internet Explorer version 8.0.6001.18702 the WebUI page SMS-Diagnostics is shown incorrectly (QC Defect ID: 229).
- Fixed issue where on/off toggles don't work using some Internet Explorer versions (QC Defect ID: 229).
- Fixed issue where the status page sometimes shows inconsistent roaming status(QC Defect ID: 232& 242)
- Added support for special characters in APN authentication details (QC Defect ID: 233)
- Fixed SMS Diagnostics and SMS enable/disable toggle (QC Defect ID: 234)
- Fixed issue where LED status updated signal strength more frequently than RAT changes (QC Defect ID: 236)
- Fixed issue where the network LED sometimes shows RED Colour even when the device is connected
- Fixed issue where the device sometimes does not recover from SIM suspend state (QC Defect ID: 248)
- Fixed issue where the caret character was not decoded properly in SMS messages
- Changed link to NetComm website on help page to open in new tab/window
- Fixed issue where SIM ICCID always shows N/A on Status page
- Fixed LEDs timing for Recovery mode (to 5-15 sec) as per spec
- Fixed issue where device will not re-send SMS when test device after out of coverage GCF Test case: NI-5.1.7
- Fixed issue where DHCP options (66, 150, 160) did not show up into DHCP offer packet
- "Hardware Version:" renamed to "Board Version" on the device status page because it's really a board version number and not a hardware version number.
- Changed blank APNs to display 'Blank' on status page rather than 'N/A'
- Enabled configuration of LED operation mode (Always on / Off after timer)
- Added support for setting the system clock from mobile network time when NTP is not available
- Moved and renamed "Log to file" system logging option to the bottom of the System log page
- Fixed issue where a preferred 2G network was not connected to due to a timer duration misconfiguration
- Added ability to upload HTTPS certificates to device via Web-UI
- Changed model number of cellular module displayed on Status page to correctly match module used (PHS8-P)
- Changed number of signal strength bars shown in the UI to match the number of LEDs (5)
- Changed the System log to download as a file and not display in browser
- Change the default timer for the LED operation mode to 10 minutes instead of 600 minutes
- Integrated the latest user guide into the Help page menu
- Enabled TR-069 parameters for system monitor, DDNS, SNMP, LED operation mode, and dial-on-demand

v1.10.16.2

IMPORTANT: Only use this firmware build in real NWL-10 REV_D hardware or later, not to use in NTC-6908/NTC-6520 product hardware.

- Changed radio buttons to match Vodafone UI Style
- Changed SIM security page to hide configuration fields when SIM is not inserted
- Fixed SMS forwarding and reply buttons

- Applied UI/UX design review change requests provided by Vodafone
- Removed all colon characters which were embedded in HTML
- Fixed toggle button display issue in IE8
- Added confirmation message upon saving IPsec Log page
- Added security warning message when disabling SMS Authentication
- Altered various strings in the UI for spelling/grammar/style
- Added Add 'feature overview' text at top of Transparent Bridge mode page
- Changed Web-UI to hide not applicable features when in Transparent Bridge mode (e.g routing feature pages)
- Updated loading icon, clock icon and success message according to Vodafone style guidelines
- Fix broken error message on Band Scan Web-UI page when SIM is not OK
- Changed PDP status box on status page to show only "There are no packet data profiles enabled" when there are no PDPs enabled
- Adjust all form input fields on all pages to align to tri-column grid
- Various cosmetic improvements throughout the UI (success messages, white space alignment, unit labels, etc)
- Added warning messages to SMS setup and new message pages if the SIM is not ok
- Added a field to Status page showing the device's current power input mode (DC/PoE)
- Added a field to Status page showing the DC Jack voltage (i.e 8-35v depending on the DC jack input source).
- Added individual band scan options for all bands supported on the NWL-10
- Added 'Delete' option on MAC/IP/Port filtering page
- Added data roaming toggle to allow/deny data use while roaming, set to ON by default
- Implemented Vodafone agreed default settings
- Implemented LED functionality to suit NWL-10 hardware
- Changed connect-on-demand to target a user-specified profile
- Added device serial number to Status UI page
- VF-Beta-Feedback #3: Added current DNS server settings to status page under Packet Data Connection status box
- VF-Beta-Feedback #30: Added description message to top of ping monitor (to explain conflict with dial on demand)
- Changed MTU size to 1340 (according to Vodafone TCD requirements) and made this value editable on the profile edit page on the Web-UI
- Updated screenshot of User Guide on help page
- Integrated PDF of QSG to help menu (as a stand in for the yet-to-be-completed User Guide)
- Enabled hardware watchdog (device resets automatically should the software lock up)
- VF-Beta-Feedback #11: Renamed "Cellular band settings" page to "Operator settings"
- Integrated December 2012 PRL list update for custom roaming algorithm
- Updated PRL list importer to only expect 6 columns in imported CSV file (to match those required by the algorithm)
- Fixed issue where the DNS masquerade toggle on LAN configurations page doesn't work properly
- Changed SMS default sending method to Circuit Switched Preferred
- VF-Beta-Feedback #31: Fixed issue under status Packet data connection status – flippy arrow doesn't work
- VF-Beta-Feedback #23: Fixed issue with Log file download to download instead of display file
- Fixed issue where adding a number the SMS Whitelist was broken
- Add "seconds" to help text under TR-069 inform period in order to denote units for the allowed input range
- Removed IMSI from Advanced Status box on Status page (for SIM security reasons as this page doesn't require the user to log in)
- Changed PLMN list handler to accept 1 or X character in CSV file for marking best networks
- Fixed issue where Transparent Bridge PPPoE functionality was not working

Warning:

The release notes of the below firmware (Beta 1.10.14.0 and Alpha 1.10.11.0) are for a special NWL-10 firmware that SHOULD BE USED for demonstration purposes only. The firmware includes user interface style and features for the upcoming product, taking into considerations that it is to be used only on an NTC-6908/NTC-6520 product hardware.

Please do not use this firmware on real NWL-10 MachineLink 3G hardware.

v1.10.14.0 (Beta version)

- Added support for selecting a particular profile as default. Setting a profile as default makes it the 'default gateway' from a routing perspective, and also means it is used as the target profile for various system functions (dial on demand, SMS commands such as pdpcycle, etc.)
- Added toggle to select transparent bridge mode on data connection page rather than on separate page of UI.
- Changed status page so that it only shows profile's status OR transparent bridge mode status, whichever is active.
- Updated various strings throughout UI as a result of internal copy-editing.
- Implemented new SMS feature to get network status 'get plmnsan' which returns MCC, MNC, and RSSI of visible networks, as well as allow SMS command to set the preferred network based on network scan results 'set forceplmn'
- Added support for dual simultaneous PDP sessions using PHS8-P on NWL-10 hardware.
- Added ability to enable QXDM diagnostic port for advanced troubleshooting purposes
- Implemented SMS wakeup feature
- Added support for handling of GDSP suspend state (connection backup)
- Added IPsec support for VPN termination (Pre-shared key mode).
- Added support for general VPN pass-through.
- Fixed received SMS special characters error on generic SIMs.
- Added support for uploading documentation on router via upload Web-UI page and TR-069.
- Added support for triggered configurations file download ('execute download http://')
- Balanced spacing on columns on Data profile list page as per UX design feedback
- Added support for automatic application of APN configuration change via SMS.
- Fixed bug on 'Error SMS for Set/Execute Commands'.
- Fixed bug on 'Administration firewall' UI page
- Integrated latest PRL lists for both GDSP SIM Cards into default firmware.
- Fixed outbound Forward SMS format.
- Changed 'Advanced' and 'IPSec' boxes on status page to be collapsed by default.
- Implemented 'Connect on demand' on separate UI sub-menu rather than inside each profile.
- Added data units (i.e. "bytes") to usage statistics on Status page.
- Altered the Status page so it hides 'PPTP VPN Status' & 'IPSec VPN Status' menus if not used.
- Moved remote diagnostics on/off toggle to Remote Diagnostics configuration page.
- Removed "refresh" button from "New SMS" page and add "Clear" button instead to clear the form.
- Fixed Ethernet port status on Status page when port status is Down
- Moved Remote Syslog Config to Administration page, and delete empty "System Configuration" page.
- Moved TR-069 page to the Services menu instead of the System menu.
- Re-designed the 'Cellular band settings' page.
- Added TR-069/rdb alarms for Cell ID change and RAT Change.
- Added support for multiple 3G profiles to be listed on the Status Page if enabled
- Added native browser pop up OK/Cancel on delete/install files on Upload Page.
- Changed all radio buttons on UI according to Vodafone style.
- Added "On/Off" toggles for each profile to the 3G profile list page.

- Improved design and functionality has been applied to MAC/IP/Port filtering.
- Added native browser pop up OK/Cancel on delete/install files on Recovery Page.
- Altered 'AutoAPN' to apply per profile rather than globally across the device (when non-GDSP SIMs are used)
- Added new 'IPSec log' sub-menu under System > Log page.
- Fixed bug regarding 'RIP version'.
- Text field for reply SMS number now hides when replies set to send to Sender.
- Fixed label wrapping issue on SMS Diagnostics page.
- Added native browser pop up OK/Cancel on delete files on Help Page.
- Fixed cosmetic issue of the warning message on Software Applications Manager.
- Fixed bug on SMS forward to TCP/UDP.

v1.10.11.0 (Alpha version)

- Modified Status page that shows extra details like:
 - WAN IP, APN
 - Advanced Connection Status
 - IPSec Connection Status
- Dial-on-Demand
- MAC/IP/Port Filtering
- User Utility Interface
- Application of Vodafone branding according to Vodafone UX specs and provided files.
- Application of customized roaming algorithm based on Vodafone requirements.
- Added support for blank APN.
- Added support for rebooting the unit on SMS command.
- Added support for sending session log on SMS command.
- Added support for manual roaming.
- Added support for additional TR069 parameters for use with Motive service.
- Added support for HTTPS on LAN/WAN side.
- Added support for module upgrade via Web UI and TR069.
- Add TR-069 parameter to configure power save mode.
- Add ability to update PLMN list (used by manual roaming algorithm) via TR-069.
- Add TR-069 parameters for dial-on-demand feature configuration.
- Add support for Auto APN for Vodafone Global SIMs vs. Non-Vodafone Global SIMs.

Known Issues/ Features under modification

V2.0.57.4

- None.

V2.0.57.1

- None.

V2.0.18.21

- None

V2.0.18.10

- None

v1.10.32.5

- None

v1.10.32.4

- SMS acknowledge messages intermittently fail to be sent during a firmware upgrade process from (1.10.16.x) to (1.10.32.x). This doesn't affect the actual SMS firmware upgrade process itself, only the transmission of the acknowledgment SMS. This issue can be worked around by manually retrieving the FW version after the upgrade to ensure the upgrade has been completed successfully by using the SMS command "get sw.version"
- Cosmetic: The SMS inbox/outbox history will be cleared when firmware upgrading from version (1.10.16.x) to (1.10.32.x). No such issue will occur when upgrading from (1.10.32.x) to (1.10.32.x) or later.

v1.10.16.7

- None

v1.10.16.6

- None

v1.10.16.5

- None

v1.10.16.4

- Relating to Vodafone QC Issue #256: You cannot send an SMS to an international number with the local dial-code prefix prefixed, (e.g: 00491722123456) and these messages appear as though they are sent correctly (receive success message and shown in outbox).
- You must be logged in to view the help documentation

v1.10.16.3

- Some fields on the advanced status box on the status page of the UI show N/A (MNC/MCC)
- Benign log warning messages related to mobile network time are displayed during a SIM suspend state
- During a SIM Suspend state the custom roaming algorithm causes inaccurate display of data usage statistics

v1.10.16.2

- APNs of extreme length (100chars) distorts Web UI presentation of Profile List
- VF-Beta-Feedback #35: Link to NetComm URL on help page should open in a new tab
- SIM ICCID sometimes shows N/A on Status page of Web-UI
- Reset button timing issue (extra 5 second delay prior to expected reset button timing)
- Reset button timing issue (recovery mode period to release button should be 10 seconds, not 5 seconds)
- Incorrect pop up message when saving the SIM pin from 2nd time onward.
- LED Config mode (Always On/Off after timer) not present
- Incoming concatenated SMSs are not being presented as one long message.
- Incorrect system time when Fiji, Germany and Hawaii is selected as region (out by 1 hour)
- Status page: session time displays incorrect time.
- DDNS form validation issue: Unable to type "." in the Host Name field and Username field
- DHCP lease time display incorrect
- DHCP option 66, 150, 160 configured values are not provided in actual DHCP offer
- PPTP client metric set incorrectly after default route enabled (traffic not routed via PPTP client)

