

WP816/WP826/WP836 Firmware Release Notes

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FIRMWARE VERSION 1.0.1.85

PRODUCT NAME

WP816, WP826, WP836

DATE

8/27/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 89d28ec1465b618a978830fd0ce59b9f

ENHANCEMENT

- Added Support of Alert-Info Bellcore Mapping [ALERT-INFO BELLCORE MAPPING]
- Added Support to change Hang-up Key End Call mode [HANG-UP KEY END CALL MODE]
- Added Support to display more information to the INFO navigation key shortcut
- Added Support of Dial DTMF Mode to the custom softkey
- Enhanced Compatibility of Device SIP Messaging with Cisco CUPS

BUG FIX

- Fixed Certain webserver TLS certificate not work correctly

NEW FEATURES OVERVIEW

ALERT-INFO BELLCORE MAPPING

- **Web Configuration**

The related options can be found under device web UI → Account X → Call Settings:

Enable Alert-Info Bellcore Mapping ?



- **Functionality**

This feature allows the IP phone to enable or disable the mapping of keywords in the Alert-Info header to predefined Bellcore ring tones.

When an Alert-Info header containing "Bellcore-dr%N" is received—where N is a value between 1 and 5—the corresponding Bellcore ring tone will be played if the option is enabled. If the option is disabled, a corresponding custom ring tone will be played instead.

When N is 0, a silent ringtone will be used. When N is between 6 and 9, a corresponding custom ringtone will always be played, regardless of the option setting.

If N is outside the valid range (i.e., less than 0 or greater than 9), the default ring tone will be used.

- **Pvalues**

Pvalue	Description	Value Range	Default
95026/95126/95226	<New Pvalue> Enable Alert-Info Bellcore Mapping	0 – No, 1 - Yes	1

HANG-UP KEY END CALL MODE

- **Web Configuration**

The related options can be found under device web UI → Phone Settings → Call Settings:

Hang-up Key End Call mode ⓘ Short Press ▼

- **Functionality**

Configure the mode of hang-up key to end the call.

- **Pvalues**

Pvalue	Description	Value Range	Default
22642	<New Pvalue> Hang-up Key End Call mode	0 – Short Press 1 – Long Press	0

FIRMWARE VERSION 1.0.1.80

PRODUCT NAME

WP816, WP826, WP836

DATE

7/18/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 752f8558d240c72930e30ea7b82d329f

ENHANCEMENT

- Enhance Device WLAN stability
- Added Support to filter warning message [CUSTOM FILTER WARNING MESSAGE]

NEW FEATURES OVERVIEW

CUSTOM FILTER WARNING MESSAGE

- Web Configuration**

The related options can be found under device web UI → Phone Settings → General Settings—Warning Filter Settings:

Custom Filter Warnings Message ⓘ

☐ System
☐ Database corrupt
☐ Capturing Data Packets
☐ CPE Connection Failed
☐ Account registration failed.
☐ User storage space is full
☐ Device role downgraded in account sharing
☐ The custom client certificate is invalid
☐ Multiple Login Attempts to Admin Failed
☐ Low battery
☐ User Default Password
☒ Network
☐ Wi-Fi connected to default SSID and password
☐ Wi-Fi disconnected abnormally
☐ Network Error
☐ Wi-Fi Signal Issue
☒ Upgrade
☐ Failed to download firmware
☐ Failed to download config file
☐ Please set the URL to where the firmware is located
☐ Firmware detection failed
☐ Firmware server auth failed
☐ Config server auth failed
☐ Failed to upgrade certificate
☐ Upgrade/Config update failed

- **Functionality**

Configure custom settings for filter warnings messages.

In the configuration file, the writing of the selected content is as follows:

For example, if 'Account Registration Failed' and 'Firmware Download Failed' are checked, the value of this configuration item in the configuration file is sys.accts,sys.upgrade.download_fw (Comma Division).

- **Pvalues**

Pvalue	Description	Value Range	Default
22640	<New Pvalue> Custom Filter Warnings Message	String: User Default Password - sys.user.pwd.default Database Corruption - sys.db Multiple Login Attempts to Admin Failed - user.login Capturing Data Packets - sys.pcap CPE Connection Failed - sys.cpe Account Registration Failed - sys.accts Storage Space is Full - sys.user_space Low Battery - sys.battery.low Role Downgraded in account Sharing - sys.account_sharing Invalid Custom Client Certificate - sys.cert Wi-Fi Connects to Default SSID - sys.wifi.default Wi-Fi Signal Issue - sys.wifi.signal.low Wi-Fi Disconnected Abnormal - sys.wifi.disconnected Network Abnormal - sys.net Firmware Download Failed - sys.upgrade.download_fw Configuration Acquisition Failed - sys.upgrade.cfg No Firmware Server Configured - sys.upgrade.url_fw Firmware Version Detection Failed - sys.upgrade.check_fw Firmware Server Authenticatio Issue - sys.upgrade.auth_fw Config Server Authenticatio Issue- sys.upgrade.auth_cfg Upgrade Certificate Issue - sys.upgrade.cert Upgrade/Config Update Blocked - sys.upgrade.lock	NULL

FIRMWARE VERSION 1.0.1.79

PRODUCT NAME

WP816, WP826, WP836

DATE

7/2/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 3a9fba7d09a64c3fada85c822d0d28f9

ENHANCEMENT

- Enhanced Device security to meet EU certification requirements
- Updated web UI strings
- Added Support of Danish language for LCD display
- Added Support of WPA3/192 Security mode in Wi-Fi settings
- Increased the contacts group max limit to 50 groups
- Added Support to configure Wi-Fi Roaming Mode [WI-FI ROAMING MODE]
- Added Support to configure Off-screen indicator pattern [OFF SCREEN INDICATOR PATTERN]
- Added Support to have LCD backlight always on under certain situations [LCD BACKLIGHT ALWAYS ON SCENES]

BUG FIX

- Fixed Device fails to randomly register to different SBCs
- Fixed Device fails to connect to OpenVPN under certain situation

NEW FEATURES OVERVIEW

WI-FI ROAMING MODE

- Web Configuration**

The related options can be found under device web UI → Network Settings → Wi-Fi Settings—Advanced Settings:

Wi-Fi Roaming Mode ?

Default Mode

Enable Roaming Prompt ?

☐

- **Functionality**

Wi-Fi Roaming Mode: Configure the Wi-Fi roaming mode to adapt to different roaming environments.

Enable Roaming Prompt: Configuration whether to start roaming prompts. After it is enabled, if the phone roams, it will display text prompts and play alert tones.

- **Pvalues**

Pvalue	Description	Value Range	Default
82332	<New Pvalue> Wi-Fi Roaming Mode	Number : 0 – Default Mode 1 – Boost Mode	1
82334	<New Pvalue> Enable Roaming Prompt	Number : 0 – No 1 – Yes	0

OFF SCREEN INDICATOR PATTERN

- **Web Configuration**

This option can be found under device web UI → System Settings → Preferences → Display Settings:

Off Screen Indicator Pattern ?

-
+

- **Functionality**

Users can customize the mode in which the MWI indicator light flashes when the screen goes off according to their needs, provided that the device is in normal condition. The default is for the green light to light up for 100ms, gradually darken for 10ms, then turn off for 100ms, light up for 100ms, gradually darken for 10ms, and then turn off for 5s. Repeat this mode in the future.

Pattern Syntax: c=color,t=on1/off1/change1[-on2/off2/change2[-on3/off3/change3][...]] (The color values are red, green and yellow. On, off and change refer to the time of LED light, dark, and light-dark switching, in ms)

Please note: After configuration, the standby time of the device will be greatly reduced.

- **Pvalues**

Pvalue	Description	Value Range	Default
29601	<New Pvalue> Off Screen Indicator Pattern	String	NULL

LCD BACKLIGHT ALWAYS ON SCENES

- **Web Configuration**

This option can be found under device web UI → System Settings → Preferences → Display Settings:

LCD Backlight Always On Scense [?](#)

- ☐ Network Error
- ☐ Account Registration Failed

- **Functionality**

Configure which events occur, the LCD screen needs to be constantly on.

- **Pvalues**

Pvalue	Description	Value Range	Default
22637	<New Pvalue> LCD Backlight Always On Scenes	String: networkError, accountFailed	networkError,accountFailed

FIRMWARE VERSION 1.0.1.71

PRODUCT NAME

WP816, WP826, WP836

DATE

5/1/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 4b92907a83de595e48b6a0a625598a9f

ENHANCEMENT

- Added Support of timestamp directly in syslog message
- Added Calculator in LCD Tools menu
- Added Stopwatch in LCD Tools menu

BUG FIX

- Fixed Phonebook search from the LCD fails
- Fixed Blind transfer fails via Softkey
- Fixed Device registration issue with SIP TLS certificate

FIRMWARE VERSION 1.0.1.63

PRODUCT NAME

WP816, WP826, WP836

DATE

03/11/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin
MD5: b6de7204ca3b697f29ef0efc848267fd

ENHANCEMENT

- Added Support of OpenVPN failover
- Added Support of SSL Key Log File in One-click debug [OPENVPN FAILOVER]

NEW FEATURES OVERVIEW

OPENVPN FAILOVER

- Web Configuration**

The related options can be found under device web UI → Network Settings → OpenVPN® Settings:

OpenVPN® Server Secondary Address ?	
OpenVPN® Secondary Port ?	1194
Randomly Select Server ?	☐

- Functionality**

OpenVPN® Server Secondary Address: Configure OpenVPN® server secondary address.

OpenVPN® Secondary Port: Configure OpenVPN® Secondary Port.

Randomly Select Server: If enabled, a server will be randomly selected in the configuration to start OpenVPN requests. If closed, requests will be made in the order of server configuration.

- Pvalues**

Pvalue	Description	Value Range	Default
22597	<New Pvalue> OpenVPN® Server Secondary Address	String	NULL

22598	<New Pvalue> OpenVPN® Server Secondary Port	Number	1194
22599	<New Pvalue> Randomly Select Server	Number : 0 – No 1 - Yes	0

FIRMWARE VERSION 1.0.1.61

PRODUCT NAME

WP816, WP826, WP836

DATE

02/24/2025

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 3136321cc8fad36b2aacc5bc4aae3e11

ENHANCEMENT

- Added Support of case sensitive search in Contacts
- Added Support to control the open door prompt confirmation
- Added Support to display time during active call
- Added Support to display battery percentage on the LCD
- Improved Device hard factory reset behavior
- Improved The stability of the device's Wi-Fi connectivity
- Updated web UI strings
- Added Support to display call forward destination number on the LCD home screen
- Added Support to remain LCD backlight at a very low brightness when charging

BUG FIX

- Fixed Local phonebook exact match search issue
- Fixed Device auto logout after GDMS remote access to the web UI
- Fixed Device does not ring for incoming call

KNOWN ISSUES

- The device encounters low-frequency Wi-Fi connectivity issues, which is planned to be fixed as soon as possible.

NEW FEATURES OVERVIEW

DISPLAY BATTERY PERCENTAGE

- **Web Configuration**

This option can be found under device web UI → System Settings → Preferences → Display Settings:

Display Battery Percentage ?

Do Not Display

▼

- **Functionality**

Configure whether the battery level is displayed within the battery icon.

- **Pvalues**

Pvalue	Description	Value Range	Default
22618	<New Pvalue> Display Battery Percentage	Number : 0 – No 1 - Yes	0

FIRMWARE VERSION 1.0.1.52

PRODUCT NAME

WP816, WP826, WP836

DATE

12/31/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 8f83ffa0ada94e8afb40fa89f8d3e8cc

ENHANCEMENT

- Added Support of case-sensitive search for phonebook [CASE SENSITIVE SEARCH]
- Added Support to use “open door” softkey to trigger the DTMF auto-input
- Added Support of Release DHCP On Reboot [RELEASE DHCP ON REBOOT]

BUG FIX

- Fixed Device outgoing call issue under certain scenarios

NEW FEATURES OVERVIEW

CASE SENSITIVE SEARCH

- Web Configuration**

This option can be found under device web UI → Application → Contacts → Phonebook Management:

Case Sensitive Search  ☐

- Functionality**

Configure whether contact search is case sensitive.

- Pvalues**

Pvalue	Description	Value Range	Default
22603	<New Pvalue> Case Sensitive Search	Number : 0 – No 1 - Yes	0

RELEASE DHCP ON REBOOT

- Web Configuration**

This option can be found under device web UI → Network Settings → Advanced Settings:

Release DHCP On Reboot  ☐

- **Functionality**

Configures whether phone will release DHCP lease on reboot.

- **Pvalues**

Pvalue	Description	Value Range	Default
22380	<New Pvalue> Release DHCP On Reboot	Number : 0 – No 1 - Yes	0

FIRMWARE VERSION 1.0.1.44

PRODUCT NAME

WP816, WP826, WP836

DATE

11/22/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: a029f7e626c1d6372e7535e71b5efdeb

ENHANCEMENT

- Added Support to dial numbers when a missed call notification is displayed on the LCD screen
- Updated the term to “block list” on the LCD menu
- Improved Device Security
- Added Support to change ringtone for Direct IP call
- Added Support of Alarm Monitoring
- Added Support of AI Noise Reduction

BUG FIX

- Fixed Device randomly cannot receive incoming calls
- Fixed Device alias for “Enable Speaker Key” function is inverted
- Fixed Device cannot register an extension using SRV over TCP

This is the initial version for WP836.

FIRMWARE VERSION 1.0.1.30

PRODUCT NAME

WP816, WP826

DATE

9/14/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 9275f89d7247e715d0a520b28f7622e8

ENHANCEMENT

- Update Device Web UI strings
- Added Support to disable voicemail popup [ENABLE VOICEMAIL POPUP]
- Updated Device LCD display for Spanish language

BUG FIX

- Fixed Letter “e” missing issue when the Italian language is used from LCD

NEW FEATURES OVERVIEW

ENABLE VOICEMAIL POPUP

- Web Configuration**

This option can be found under device web UI → Phone Settings → Call Settings → Others:

Enable Vociemail Popup  ☐

- Functionality**

If enabled, the phone will show a pop up upon receiving an voicemail.

- Pvalues**

Pvalue	Description	Value Range	Default
22563	<New Pvalue> Enable Vociemail Popup	Number : 0 – No 1 - Yes	0

FIRMWARE VERSION 1.0.1.18

PRODUCT NAME

WP816, WP826

DATE

7/14/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: a917bc6a78e0fdbff7c2df799ce3bfc0

ENHANCEMENT

- Added Support of Enhanced Call Park
- Added Support of Number key configurations on the dial pad

FIRMWARE VERSION 1.0.1.14

PRODUCT NAME

WP816, WP826

DATE

6/19/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: fc31b54c5d2a4bb78fa482f0a126bdcdb

ENHANCEMENT

- Improved Bluetooth operational stability
- Optimized Wi-Fi stability

FIRMWARE VERSION 1.0.1.9

PRODUCT NAME

WP816, WP826

DATE

5/22/2024

FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 0f579d28e5c7a0dd2ba3e683eec71131

This is the initial version for WP816, WP826.