

# WP816/WP826/WP836 Firmware Release Notes

## Table of Content

|                                                       |           |
|-------------------------------------------------------|-----------|
| <b>Table of Content.....</b>                          | <b>1</b>  |
| <b>FIRMWARE VERSION 1.0.3.39 .....</b>                | <b>11</b> |
| PRODUCT NAME.....                                     | 11        |
| DATE .....                                            | 11        |
| FIRMWARE FILE INFORMATION .....                       | 11        |
| ENHANCEMENT .....                                     | 11        |
| NEW FEATURES OVERVIEW .....                           | 11        |
| <i>OPENVPN® CIPHER METHOD .....</i>                   | <i>11</i> |
| <i>CUSTOM RESTRICTED MODE .....</i>                   | <i>12</i> |
| <i>USE ACCEPT-LANGUAGE HEADER.....</i>                | <i>14</i> |
| <i>SPEAKER KEY AUDIO CHANNEL SWITCHING MODE .....</i> | <i>15</i> |
| <b>FIRMWARE VERSION 1.0.3.35 .....</b>                | <b>16</b> |
| PRODUCT NAME.....                                     | 16        |
| DATE .....                                            | 16        |
| FIRMWARE FILE INFORMATION .....                       | 16        |
| ENHANCEMENT .....                                     | 16        |
| NEW FEATURES OVERVIEW .....                           | 16        |
| <i>QUICK ACCESS KEY LONG PRESS FUNCTION .....</i>     | <i>16</i> |
| <b>FIRMWARE VERSION 1.0.3.31 .....</b>                | <b>17</b> |
| PRODUCT NAME.....                                     | 17        |
| DATE .....                                            | 17        |
| FIRMWARE FILE INFORMATION .....                       | 17        |
| ENHANCEMENT .....                                     | 17        |
| NEW FEATURES OVERVIEW .....                           | 17        |
| <i>ENABLE TRUST CA CERTIFICATE .....</i>              | <i>17</i> |
| <i>INCOMING CALL RING MODE .....</i>                  | <i>17</i> |
| <b>FIRMWARE VERSION 1.0.3.29 .....</b>                | <b>19</b> |
| PRODUCT NAME.....                                     | 19        |
| DATE .....                                            | 19        |
| FIRMWARE FILE INFORMATION .....                       | 19        |

|                                                         |           |
|---------------------------------------------------------|-----------|
| BUG FIX .....                                           | 19        |
| <b>FIRMWARE VERSION 1.0.3.25 (BETA ONLY) .....</b>      | <b>20</b> |
| PRODUCT NAME.....                                       | 20        |
| DATE .....                                              | 20        |
| FIRMWARE FILE INFORMATION .....                         | 20        |
| ENHANCEMENT .....                                       | 20        |
| BUG FIX .....                                           | 20        |
| NEW FEATURES OVERVIEW .....                             | 20        |
| CA CERTIFICATE TYPE .....                               | 20        |
| <b>FIRMWARE VERSION 1.0.3.24 .....</b>                  | <b>22</b> |
| PRODUCT NAME.....                                       | 22        |
| DATE .....                                              | 22        |
| FIRMWARE FILE INFORMATION .....                         | 22        |
| ENHANCEMENT .....                                       | 22        |
| BUG FIX .....                                           | 22        |
| NEW FEATURES OVERVIEW .....                             | 22        |
| SEND SIP LOG.....                                       | 22        |
| ENABLE PHONE READY INDICATOR.....                       | 23        |
| VCARD PHONEBOOK.....                                    | 23        |
| WIREGUARD® CLIENT MAXIMUM TRANSMISSION UNIT .....       | 23        |
| WIREGUARD® PEER PRESHARED KEY .....                     | 24        |
| ENABLE STAR KEY SILENT MODE .....                       | 24        |
| <b>FIRMWARE VERSION 1.0.3.20 .....</b>                  | <b>25</b> |
| PRODUCT NAME.....                                       | 25        |
| DATE .....                                              | 25        |
| FIRMWARE FILE INFORMATION .....                         | 25        |
| ENHANCEMENT .....                                       | 25        |
| BUG FIX .....                                           | 25        |
| NEW FEATURES OVERVIEW .....                             | 26        |
| MEDIA NAT TRAVERSAL .....                               | 26        |
| ICE FUNCTION .....                                      | 26        |
| REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN..... | 27        |
| INCLUDE KERNEL LOGS.....                                | 28        |
| GEOLOCATION HEADER FORMAT .....                         | 28        |
| EMERGENCY CALL WAY.....                                 | 29        |
| EMERGENCY CALL AUTO ANSWER.....                         | 29        |
| CALENDAR .....                                          | 29        |
| REBOOT ON CHECK-SYNC EVENT WITHOUT "REBOOT=" .....      | 30        |

|                                        |           |
|----------------------------------------|-----------|
| HEADSET TYPE .....                     | 31        |
| WIREGUARD® SETTINGS.....               | 31        |
| SCEP SUPPORT.....                      | 33        |
| SRTP KEY EXCHANGE.....                 | 38        |
| <b>FIRMWARE VERSION 1.0.1.88 .....</b> | <b>39</b> |
| PRODUCT NAME.....                      | 39        |
| DATE .....                             | 39        |
| FIRMWARE FILE INFORMATION .....        | 39        |
| ENHANCEMENT .....                      | 39        |
| BUG FIX .....                          | 39        |
| NEW FEATURES OVERVIEW .....            | 39        |
| ADD AUTH HEADER ON RE-REGISTER .....   | 39        |
| <b>FIRMWARE VERSION 1.0.1.87 .....</b> | <b>40</b> |
| PRODUCT NAME.....                      | 40        |
| DATE .....                             | 40        |
| FIRMWARE FILE INFORMATION .....        | 40        |
| ENHANCEMENT .....                      | 40        |
| BUG FIX .....                          | 40        |
| NEW FEATURES OVERVIEW .....            | 40        |
| SILENT CHARGING.....                   | 40        |
| LOCK SCREEN IN CALL .....              | 41        |
| IM DESIGNATED ACCOUNT.....             | 41        |
| <b>FIRMWARE VERSION 1.0.1.85 .....</b> | <b>42</b> |
| PRODUCT NAME.....                      | 42        |
| DATE .....                             | 42        |
| FIRMWARE FILE INFORMATION .....        | 42        |
| ENHANCEMENT .....                      | 42        |
| BUG FIX .....                          | 42        |
| NEW FEATURES OVERVIEW .....            | 42        |
| ALERT-INFO BELLCORE MAPPING.....       | 42        |
| HANG-UP KEY END CALL MODE.....         | 43        |
| <b>FIRMWARE VERSION 1.0.1.80 .....</b> | <b>44</b> |
| PRODUCT NAME.....                      | 44        |
| DATE .....                             | 44        |
| FIRMWARE FILE INFORMATION .....        | 44        |
| ENHANCEMENT .....                      | 44        |
| NEW FEATURES OVERVIEW .....            | 44        |

|                                             |           |
|---------------------------------------------|-----------|
| CUSTOM FILTER WARNING MESSAGE.....          | 44        |
| <b>FIRMWARE VERSION 1.0.1.79 .....</b>      | <b>46</b> |
| PRODUCT NAME.....                           | 46        |
| DATE .....                                  | 46        |
| FIRMWARE FILE INFORMATION .....             | 46        |
| ENHANCEMENT .....                           | 46        |
| BUG FIX .....                               | 46        |
| NEW FEATURES OVERVIEW .....                 | 46        |
| <i>WI-FI ROAMING MODE</i> .....             | 46        |
| <i>OFF SCREEN INDICATOR PATTERN</i> .....   | 47        |
| <i>LCD BACKLIGHT ALWAYS ON SCENES</i> ..... | 47        |
| <b>FIRMWARE VERSION 1.0.1.71 .....</b>      | <b>49</b> |
| PRODUCT NAME.....                           | 49        |
| DATE .....                                  | 49        |
| FIRMWARE FILE INFORMATION .....             | 49        |
| ENHANCEMENT .....                           | 49        |
| BUG FIX .....                               | 49        |
| <b>FIRMWARE VERSION 1.0.1.63 .....</b>      | <b>50</b> |
| PRODUCT NAME.....                           | 50        |
| DATE .....                                  | 50        |
| FIRMWARE FILE INFORMATION .....             | 50        |
| ENHANCEMENT .....                           | 50        |
| NEW FEATURES OVERVIEW .....                 | 50        |
| <i>OPENVPN FAILOVER</i> .....               | 50        |
| <b>FIRMWARE VERSION 1.0.1.61 .....</b>      | <b>52</b> |
| PRODUCT NAME.....                           | 52        |
| DATE .....                                  | 52        |
| FIRMWARE FILE INFORMATION .....             | 52        |
| ENHANCEMENT .....                           | 52        |
| BUG FIX .....                               | 52        |
| KNOWN ISSUES.....                           | 52        |
| NEW FEATURES OVERVIEW .....                 | 52        |
| <i>DISPLAY BATTERY PERCENTAGE</i> .....     | 52        |
| <b>FIRMWARE VERSION 1.0.1.52 .....</b>      | <b>54</b> |
| PRODUCT NAME.....                           | 54        |
| DATE .....                                  | 54        |

|                                        |           |
|----------------------------------------|-----------|
| FIRMWARE FILE INFORMATION .....        | 54        |
| ENHANCEMENT .....                      | 54        |
| BUG FIX .....                          | 54        |
| NEW FEATURES OVERVIEW .....            | 54        |
| <i>CASE SENSITIVE SEARCH</i> .....     | 54        |
| <i>RELEASE DHCP ON REBOOT</i> .....    | 54        |
| <b>FIRMWARE VERSION 1.0.1.44 .....</b> | <b>56</b> |
| PRODUCT NAME .....                     | 56        |
| DATE .....                             | 56        |
| FIRMWARE FILE INFORMATION .....        | 56        |
| ENHANCEMENT .....                      | 56        |
| BUG FIX .....                          | 56        |
| <b>FIRMWARE VERSION 1.0.1.30 .....</b> | <b>57</b> |
| PRODUCT NAME .....                     | 57        |
| DATE .....                             | 57        |
| FIRMWARE FILE INFORMATION .....        | 57        |
| ENHANCEMENT .....                      | 57        |
| BUG FIX .....                          | 57        |
| NEW FEATURES OVERVIEW .....            | 57        |
| <i>ENABLE VOICEMAIL POPUP</i> .....    | 57        |
| <b>FIRMWARE VERSION 1.0.1.18 .....</b> | <b>58</b> |
| PRODUCT NAME .....                     | 58        |
| DATE .....                             | 58        |
| FIRMWARE FILE INFORMATION .....        | 58        |
| ENHANCEMENT .....                      | 58        |
| <b>FIRMWARE VERSION 1.0.1.14 .....</b> | <b>59</b> |
| PRODUCT NAME .....                     | 59        |
| DATE .....                             | 59        |
| FIRMWARE FILE INFORMATION .....        | 59        |
| ENHANCEMENT .....                      | 59        |
| <b>FIRMWARE VERSION 1.0.1.9 .....</b>  | <b>60</b> |
| PRODUCT NAME .....                     | 60        |
| DATE .....                             | 60        |
| FIRMWARE FILE INFORMATION .....        | 60        |

## **Table of Content..... 1**

### **FIRMWARE VERSION 1.0.3.39 ..... 11**

|                                                       |    |
|-------------------------------------------------------|----|
| PRODUCT NAME.....                                     | 11 |
| DATE .....                                            | 11 |
| FIRMWARE FILE INFORMATION .....                       | 11 |
| ENHANCEMENT .....                                     | 11 |
| NEW FEATURES OVERVIEW .....                           | 11 |
| <i>OPENVPN® CIPHER METHOD</i> .....                   | 11 |
| <i>CUSTOM RESTRICTED MODE</i> .....                   | 12 |
| <i>USE ACCEPT-LANGUAGE HEADER</i> .....               | 14 |
| <i>SPEAKER KEY AUDIO CHANNEL SWITCHING MODE</i> ..... | 15 |

### **FIRMWARE VERSION 1.0.3.35 ..... 16**

|                                                   |    |
|---------------------------------------------------|----|
| PRODUCT NAME.....                                 | 16 |
| DATE .....                                        | 16 |
| FIRMWARE FILE INFORMATION .....                   | 16 |
| ENHANCEMENT .....                                 | 16 |
| NEW FEATURES OVERVIEW .....                       | 16 |
| <i>QUICK ACCESS KEY LONG PRESS FUNCTION</i> ..... | 16 |

### **FIRMWARE VERSION 1.0.3.31 ..... 17**

|                                          |    |
|------------------------------------------|----|
| PRODUCT NAME.....                        | 17 |
| DATE .....                               | 17 |
| FIRMWARE FILE INFORMATION .....          | 17 |
| ENHANCEMENT .....                        | 17 |
| NEW FEATURES OVERVIEW .....              | 17 |
| <i>ENABLE TRUST CA CERTIFICATE</i> ..... | 17 |
| <i>INCOMING CALL RING MODE</i> .....     | 17 |

### **FIRMWARE VERSION 1.0.3.29 ..... 19**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 19 |
| DATE .....                      | 19 |
| FIRMWARE FILE INFORMATION ..... | 19 |
| BUG FIX .....                   | 19 |

### **FIRMWARE VERSION 1.0.3.25 (BETA ONLY) ..... 20**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 20 |
| DATE .....                      | 20 |
| FIRMWARE FILE INFORMATION ..... | 20 |

|                                                         |           |
|---------------------------------------------------------|-----------|
| ENHANCEMENT .....                                       | 20        |
| BUG FIX .....                                           | 20        |
| NEW FEATURES OVERVIEW .....                             | 20        |
| CA CERTIFICATE TYPE .....                               | 20        |
| <b>FIRMWARE VERSION 1.0.3.24 .....</b>                  | <b>22</b> |
| PRODUCT NAME.....                                       | 22        |
| DATE .....                                              | 22        |
| FIRMWARE FILE INFORMATION .....                         | 22        |
| ENHANCEMENT .....                                       | 22        |
| BUG FIX .....                                           | 22        |
| NEW FEATURES OVERVIEW .....                             | 22        |
| SEND SIP LOG.....                                       | 22        |
| ENABLE PHONE READY INDICATOR.....                       | 23        |
| VCARD PHONEBOOK.....                                    | 23        |
| WIREGUARD® CLIENT MAXIMUM TRANSMISSION UNIT .....       | 23        |
| WIREGUARD® PEER PRESARED KEY .....                      | 24        |
| ENABLE STAR KEY SILENT MODE .....                       | 24        |
| <b>FIRMWARE VERSION 1.0.3.20 .....</b>                  | <b>25</b> |
| PRODUCT NAME.....                                       | 25        |
| DATE .....                                              | 25        |
| FIRMWARE FILE INFORMATION .....                         | 25        |
| ENHANCEMENT .....                                       | 25        |
| BUG FIX .....                                           | 25        |
| NEW FEATURES OVERVIEW .....                             | 26        |
| MEDIA NAT TRAVERSAL .....                               | 26        |
| ICE FUNCTION .....                                      | 26        |
| REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN..... | 27        |
| INCLUDE KERNEL LOGS.....                                | 28        |
| GEOLOCATION HEADER FORMAT .....                         | 28        |
| EMERGENCY CALL WAY.....                                 | 29        |
| EMERGENCY CALL AUTO ANSWER .....                        | 29        |
| CALENDAR .....                                          | 29        |
| REBOOT ON CHECK-SYNC EVENT WITHOUT "REBOOT=" .....      | 30        |
| HEADSET TYPE .....                                      | 31        |
| WIREGUARD® SETTINGS.....                                | 31        |
| SCEP SUPPORT.....                                       | 33        |
| SRTP KEY EXCHANGE .....                                 | 38        |
| <b>FIRMWARE VERSION 1.0.1.88 .....</b>                  | <b>39</b> |

|                                             |           |
|---------------------------------------------|-----------|
| PRODUCT NAME.....                           | 39        |
| DATE .....                                  | 39        |
| FIRMWARE FILE INFORMATION .....             | 39        |
| ENHANCEMENT .....                           | 39        |
| BUG FIX .....                               | 39        |
| NEW FEATURES OVERVIEW .....                 | 39        |
| <i>ADD AUTH HEADER ON RE-REGISTER .....</i> | <i>39</i> |
| <b>FIRMWARE VERSION 1.0.1.87 .....</b>      | <b>40</b> |
| PRODUCT NAME.....                           | 40        |
| DATE .....                                  | 40        |
| FIRMWARE FILE INFORMATION .....             | 40        |
| ENHANCEMENT .....                           | 40        |
| BUG FIX .....                               | 40        |
| NEW FEATURES OVERVIEW .....                 | 40        |
| <i>SILENT CHARGING.....</i>                 | <i>40</i> |
| <i>LOCK SCREEN IN CALL .....</i>            | <i>41</i> |
| <i>IM DESIGNATED ACCOUNT.....</i>           | <i>41</i> |
| <b>FIRMWARE VERSION 1.0.1.85 .....</b>      | <b>42</b> |
| PRODUCT NAME.....                           | 42        |
| DATE .....                                  | 42        |
| FIRMWARE FILE INFORMATION .....             | 42        |
| ENHANCEMENT .....                           | 42        |
| BUG FIX .....                               | 42        |
| NEW FEATURES OVERVIEW .....                 | 42        |
| <i>ALERT-INFO BELLCORE MAPPING.....</i>     | <i>42</i> |
| <i>HANG-UP KEY END CALL MODE.....</i>       | <i>43</i> |
| <b>FIRMWARE VERSION 1.0.1.80 .....</b>      | <b>44</b> |
| PRODUCT NAME.....                           | 44        |
| DATE .....                                  | 44        |
| FIRMWARE FILE INFORMATION .....             | 44        |
| ENHANCEMENT .....                           | 44        |
| NEW FEATURES OVERVIEW .....                 | 44        |
| <i>CUSTOM FILTER WARNING MESSAGE.....</i>   | <i>44</i> |
| <b>FIRMWARE VERSION 1.0.1.79 .....</b>      | <b>46</b> |
| PRODUCT NAME.....                           | 46        |
| DATE .....                                  | 46        |
| FIRMWARE FILE INFORMATION .....             | 46        |



|                                             |           |
|---------------------------------------------|-----------|
| ENHANCEMENT .....                           | 46        |
| BUG FIX .....                               | 46        |
| NEW FEATURES OVERVIEW .....                 | 46        |
| <i>WI-FI ROAMING MODE</i> .....             | 46        |
| <i>OFF SCREEN INDICATOR PATTERN</i> .....   | 47        |
| <i>LCD BACKLIGHT ALWAYS ON SCENES</i> ..... | 47        |
| <b>FIRMWARE VERSION 1.0.1.71 .....</b>      | <b>49</b> |
| PRODUCT NAME .....                          | 49        |
| DATE .....                                  | 49        |
| FIRMWARE FILE INFORMATION .....             | 49        |
| ENHANCEMENT .....                           | 49        |
| BUG FIX .....                               | 49        |
| <b>FIRMWARE VERSION 1.0.1.63 .....</b>      | <b>50</b> |
| PRODUCT NAME .....                          | 50        |
| DATE .....                                  | 50        |
| FIRMWARE FILE INFORMATION .....             | 50        |
| ENHANCEMENT .....                           | 50        |
| NEW FEATURES OVERVIEW .....                 | 50        |
| <i>OPENVPN FAILOVER</i> .....               | 50        |
| <b>FIRMWARE VERSION 1.0.1.61 .....</b>      | <b>52</b> |
| PRODUCT NAME .....                          | 52        |
| DATE .....                                  | 52        |
| FIRMWARE FILE INFORMATION .....             | 52        |
| ENHANCEMENT .....                           | 52        |
| BUG FIX .....                               | 52        |
| KNOWN ISSUES .....                          | 52        |
| NEW FEATURES OVERVIEW .....                 | 52        |
| <i>DISPLAY BATTERY PERCENTAGE</i> .....     | 52        |
| <b>FIRMWARE VERSION 1.0.1.52 .....</b>      | <b>54</b> |
| PRODUCT NAME .....                          | 54        |
| DATE .....                                  | 54        |
| FIRMWARE FILE INFORMATION .....             | 54        |
| ENHANCEMENT .....                           | 54        |
| BUG FIX .....                               | 54        |
| NEW FEATURES OVERVIEW .....                 | 54        |
| <i>CASE SENSITIVE SEARCH</i> .....          | 54        |
| <i>RELEASE DHCP ON REBOOT</i> .....         | 54        |

**FIRMWARE VERSION 1.0.1.44 ..... 56**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 56 |
| DATE .....                      | 56 |
| FIRMWARE FILE INFORMATION ..... | 56 |
| ENHANCEMENT .....               | 56 |
| BUG FIX .....                   | 56 |

**FIRMWARE VERSION 1.0.1.30 ..... 57**

|                                     |           |
|-------------------------------------|-----------|
| PRODUCT NAME.....                   | 57        |
| DATE .....                          | 57        |
| FIRMWARE FILE INFORMATION .....     | 57        |
| ENHANCEMENT .....                   | 57        |
| BUG FIX .....                       | 57        |
| NEW FEATURES OVERVIEW .....         | 57        |
| <i>ENABLE VOICEMAIL POPUP .....</i> | <i>57</i> |

**FIRMWARE VERSION 1.0.1.18 ..... 58**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 58 |
| DATE .....                      | 58 |
| FIRMWARE FILE INFORMATION ..... | 58 |
| ENHANCEMENT .....               | 58 |

**FIRMWARE VERSION 1.0.1.14 ..... 59**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 59 |
| DATE .....                      | 59 |
| FIRMWARE FILE INFORMATION ..... | 59 |
| ENHANCEMENT .....               | 59 |

**FIRMWARE VERSION 1.0.1.9 ..... 60**

|                                 |    |
|---------------------------------|----|
| PRODUCT NAME.....               | 60 |
| DATE .....                      | 60 |
| FIRMWARE FILE INFORMATION ..... | 60 |

## FIRMWARE VERSION 1.0.3.39

### PRODUCT NAME

WP816, WP826, WP836

Boot 1.0.3.4; Core 1.0.3.11; Prog 1.0.3.39

### DATE

08/03/2026

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 40a5283e78e91b48f890f7fdb25fffc7

### ENHANCEMENT

- Added Support of Multicipher Method for OpenVPN [OPENVPN® CIPHER METHOD]
- Added Support Custom Restricted Mode to customize which LCD settings pages need to be restricted [CUSTOM RESTRICTED MODE]
- Added Support to hide 'Send Anonymous' and 'Anonymous Call Rejection' options on LCD menu with Custom Restricted Mode
- Added Support to not allow DHCP Option 150 to override server by default
- Added Support of "Accept-Language" SIP Header in SIP Messages [USE ACCEPT-LANGUAGE HEADER]
- Added Support to configure speaker key audio channel switching mode [SPEAKER KEY AUDIO CHANNEL SWITCHING MODE]

### NEW FEATURES OVERVIEW

#### OPENVPN® CIPHER METHOD

- **Web Configuration**

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

### OpenVPN® Cipher Method [?](#)

| <input type="checkbox"/> 0 item Available |                            | <input type="checkbox"/> 7 items Selected                                                                                                                                                   |
|-------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | ↑<br>^<br>><br><<br>v<br>↓ | <input type="checkbox"/> AES-128<br><input type="checkbox"/> AES-256<br><input type="checkbox"/> Triple-DES<br><input type="checkbox"/> AES-128-GCM<br><input type="checkbox"/> AES-256-GCM |

- **Functionality**

Set OpenVPN encryption algorithms. Supports setting multiple encryption algorithms, separated by colons. Format example: AES-128:AES-256:Triple-DES:AES-128-GCM:AES-256-GCM:CHACHA20-POLY1305.

- **Pvalues**

| Pvalue | Description                            | Value Range                                                                                                       | Default                                                                                               |
|--------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 82359  | <New Pvalue><br>OpenVPN® Cipher Method | String :<br>AES-128,<br>AES-256,<br>Triple-DES,<br>AES-128-GCM,<br>AES-256-GCM,<br>CHACHA20-POLY1305,<br>Blowfish | AES-128,<br>AES-256,<br>Triple-DES,<br>AES-128-GCM,<br>AES-256-GCM,<br>CHACHA20-POLY1305,<br>Blowfish |

### CUSTOM RESTRICTED MODE

- **Web Configuration**

This option can be found under device web UI → System Settings → Security Settings → Web/SSH Access:

Configuration via Keypad Menu ?

Custom Restricted Mode

Custom Constraint Page ?

- ▼ ☐ Settings
  - ▶ ☐ Account Settings
  - ▶ ☐ Call Settings
  - ▶ ☐ Wi-Fi Settings
  - ▶ ☐ Bluetooth Settings
  - ▶ ☐ Basic Settings
  - ▶ ☐ Advanced Settings
  - ▶ ☐ Zero Config
  - ☐ Quick Network Configuration

#### • Functionality

**Configuration via Keypad Menu:** Configures access control for keypad Menu settings.

Unrestricted: All content on the menu can be accessed.

Only essential settings: Limit the display of only some essential settings in the settings.

Restricted Mode: In the settings menu, apart from some commonly used basic options, all other settings require administrator permission.

Lock mode: Except for Wi-Fi-related configurations and factory reset, all menu contents are inaccessible.

Custom Restricted Mode (New): Customize which settings pages need to be restricted.

**Custom Constraint Page:** After Set “Configuration via Keypad Menu” to “Custom Restricted Mode”, this option will display.

#### • Pvalues

| Pvalue | Description                            | Value Range                                                                                                                         | Default |
|--------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1357   | Configuration via Keypad Menu          | Number:<br>0 - Unrestricted,<br>1 - Basic settings only,<br>2 - Constraint mode,<br>3 - Locked Mode,<br>5 - Custom Restricted Mode. | 0       |
| 82360  | <New Pvalue><br>Custom Constraint Page | String:<br>0 - 2048                                                                                                                 | NULL    |

## USE ACCEPT-LANGUAGE HEADER

- Web Configuration**

This option can be found under device web UI → Account X → SIP Settings:

Use Accept-Language Header 

Auto

- Functionality**

Whether to carry the Accept-Language header field in SIP Register and SIP Response for SIP INVITE. If configured as "Disabled", the header field will not be carried; if configured as "Auto", it will follow the terminal's "System Settings / Time and Language / Language / Display Language" configuration; if configured as a specific language, the Accept-Language header field will be set to that specified language.

- Pvalues**

| Pvalue                    | Description                                                   | Value Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Default |
|---------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 95036/<br>95136/<br>95236 | <New Pvalue><br>Use Accept-Language Header<br>(Account 1/2/3) | String :<br>"Arabic": "ar"<br>"Catalan": "ca"<br>"Czech": "cz"<br>"Danish": "da"<br>"Deutsh": "de"<br>"Greek": "el"<br>"English": "en"<br>"Spanish": "es"<br>"Francais": "fr"<br>"Hebrew": "he"<br>"Hrvatski": "hr"<br>"Magyar": "hu"<br>"Italiano": "it"<br>"japanese": "ja"<br>"korean": "ko"<br>"latvian": "lv"<br>"Dutch": "nl"<br>"Polski": "pl"<br>"Portugue": "pt"<br>"Russian": "ru"<br>"Svenska": "se"<br>"Slovenian": "sl"<br>"Slovakian": "sv"<br>"Turkish": "tr" | Auto    |

|  |  |                                                                                                                               |  |
|--|--|-------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | "Ukrainian": "uk"<br>"simplified_chinese": "zh"<br>"Auto": "Auto"<br>"traditional_chinese": "zh-tw"<br>"Disabled": "Disabled" |  |
|--|--|-------------------------------------------------------------------------------------------------------------------------------|--|

## SPEAKER KEY AUDIO CHANNEL SWITCHING MODE

- Web Configuration**

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

Speaker Key Audio Channel Switching Mode ?

Speaker/Current Channel Toggle

Enable Use Last Audio Channel ?

☐

- Functionality**

**Speaker Key Audio Channel Switching Mode:** Configures how the speaker key switches the audio output channel during call-related states.

**Enable Use Last Audio Channel:** When enabled, the system will remember the last channel used in the most recent call and set it as the default channel for the phone. When a new call is initiated, this default channel will be used. If the channel no longer exists, the system will fall back to the original channel selection logic.

- Pvalues**

| Pvalue | Description                                              | Value Range                                                               | Default |
|--------|----------------------------------------------------------|---------------------------------------------------------------------------|---------|
| 82362  | <New Pvalue><br>Speaker Key Audio Channel Switching Mode | Number:<br>0 – Speaker/Current Channel Toggle<br>1 – Cycle All Channelsge | 0       |
| 82361  | <New Pvalue><br>Enable Use Last Audio Channel            | Number:<br>0 – No,<br>1 – Yes                                             | 0       |

## FIRMWARE VERSION 1.0.3.35

### PRODUCT NAME

WP816, WP826, WP836

Boot 1.0.3.4; Core 1.0.3.9; Prog 1.0.3.35

### DATE

07/01/2026

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 6ff520bc3686af006a6c644628ac4b5a

### ENHANCEMENT

- Added Support for EUC-KR encoded Korea characters retrieved from SIP header for caller ID display
- Added Support to access shortcut configuration page during an active call by long pressing shortcut button [QUICK ACCESS KEY LONG PRESS FUNCTION]

### NEW FEATURES OVERVIEW

#### QUICK ACCESS KEY LONG PRESS FUNCTION

- Web Configuration**

This option can be found under device web UI → Application → Quick Access:

Quick Access Key Long Press Function ?

Quick Access

- Functionality**

Configure which function is triggered when long-pressing the shortcut quick access key during a call.

- Pvalues**

| Pvalue | Description                                          | Value Range                                                                       | Default      |
|--------|------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|
| 22639  | <New Pvalue><br>Quick Access Key Long Press Function | String :<br>NULL -- None<br>contacts.fav – Favorite<br>quickAccess – Quick Access | contacts.fav |



## FIRMWARE VERSION 1.0.3.31

### PRODUCT NAME

WP816, WP826, WP836

### DATE

05/27/2026

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 83fae890f1fe77fcb5753464674df45a

### ENHANCEMENT

- Added Support to enable trust CA certificate [ENABLE TRUST CA CERTIFICATE]
- Added Support to disable gradual ringtone volume increase [INCOMING CALL RING MODE]

### NEW FEATURES OVERVIEW

#### ENABLE TRUST CA CERTIFICATE

- Web Configuration**

This option can be found under device web UI → System Settings → Security Settings → SCEP:

Enable Trust CA Certificate  ☐

- Functionality**

If enabled, the organizational CA certificate obtained via SCEP will be automatically added to the device's custom trusted CA certificates. Navigate to "System Settings/Security Settings/Trusted CA Certificates/Load CA Certificates" and select "Custom Certificates" to view the listed certificate.

- Pvalues**

| Pvalue | Description                                 | Value Range                    | Default |
|--------|---------------------------------------------|--------------------------------|---------|
| 82358  | <New Pvalue><br>Enable Trust CA Certificate | Number :<br>0 – No<br>1 -- Yes | 0       |

#### INCOMING CALL RING MODE

- Web Configuration**

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

## Incoming Call Ring Mode [?](#)

Enabled without Fade-in

- **Functionality**

Configure the incoming ringtone mode.

- **Pvalues**

| Pvalue | Description                             | Value Range                                                            | Default |
|--------|-----------------------------------------|------------------------------------------------------------------------|---------|
| 82311  | <New Pvalue><br>Incoming Call Ring Mode | Number :<br>0 – Disabled<br>1 – Enabled<br>2 – Enabled without Fade-in | 1       |

## **FIRMWARE VERSION 1.0.3.29**

### **PRODUCT NAME**

WP816, WP826, WP836

### **DATE**

04/09/2026

### **FIRMWARE FILE INFORMATION**

- Firmware file name: wp8x6fw.bin

MD5: 772efb0fe1e0958601de9242a9292d1a

### **BUG FIX**

- Fixed Device display language changes from English to Arabic after upgrade
- Fixed Device Programmable keys issue when using the new Phonebook button feature
- Fixed Device cannot reset provisioned configuration

## FIRMWARE VERSION 1.0.3.25 (BETA ONLY)

### PRODUCT NAME

WP816, WP826, WP836

### DATE

03/18/2026

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: ad6987c104bd62b0715cf8e6df1e314e

### ENHANCEMENT

- Added Support to choose CA certificate type when configuring Wi-Fi [CA CERTIFICATE TYPE]

### BUG FIX

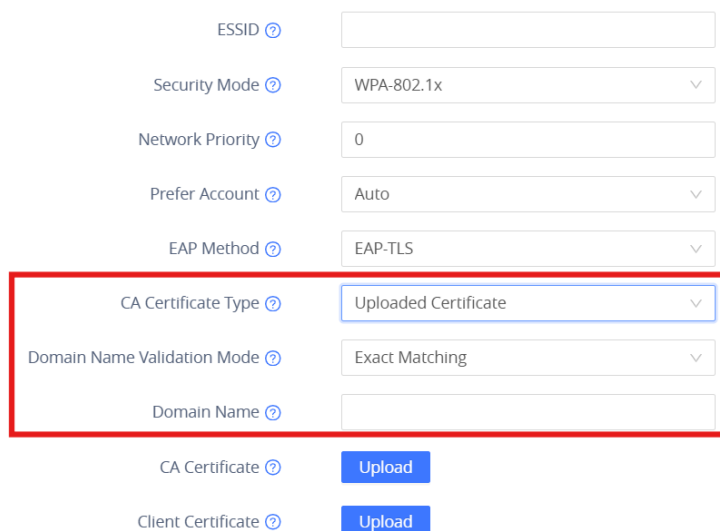
- Fixed Device is unable to connect to a WPA2/802.1X SSID

### NEW FEATURES OVERVIEW

#### CA CERTIFICATE TYPE

- Web Configuration**

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



|                               |                                       |
|-------------------------------|---------------------------------------|
| ESSID ⓘ                       | <input type="text"/>                  |
| Security Mode ⓘ               | WPA-802.1x ▾                          |
| Network Priority ⓘ            | 0                                     |
| Prefer Account ⓘ              | Auto ▾                                |
| EAP Method ⓘ                  | EAP-TLS ▾                             |
| CA Certificate Type ⓘ         | Uploaded Certificate ▾                |
| Domain Name Validation Mode ⓘ | Exact Matching ▾                      |
| Domain Name ⓘ                 | <input type="text"/>                  |
| CA Certificate ⓘ              | <input type="button" value="Upload"/> |
| Client Certificate ⓘ          | <input type="button" value="Upload"/> |

- **Functionality**

**CA Certificate Type:**

When set to "System Certificates", validation is performed using the device's system certificates (the list of trusted certificates is determined by System Settings/Security Settings/Trusted CA Certificates/Load CA Certificates).

When set to "Trust on First Use", the certificate is the server certificate accepted by the user during the initial connection.

When set to "Uploaded Certificate", the certificate is provided by the user through manual local upload.

When set to "Skip Verification", no CA certificate is used.

**Domain Name Validation Mode:**

Configure the Server domain-name validation mode, both suffix matching and exact matching are supported.

**Domain Name:**

Configure server domain.

- **Pvalues**

| Pvalue                                                                                                                                  | Description                                 | Value Range                                                                                                        | Default |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------|
| 83016/83116/83216/83316/<br>83416/83516/83616/83716/<br>83816/83916/84016/84116/<br>84216/84316/84416/84516/<br>84616/84716/84816/84916 | <New Pvalue><br>CA Certificate Type         | Number :<br>0 – Skip Verification<br>1 – System Certificates<br>2 – Trust on First Use<br>3 – Uploaded Certificate | 0       |
| 83018/83118/83218/83318/<br>83418/83518/83618/83718/<br>83818/83918/84018/84118/<br>84218/84318/84418/84518/<br>84618/84718/84818/84918 | <New Pvalue><br>Domain Name Validation Mode | Number :<br>0 – Suffix Matching<br>1 -- Exact Matching                                                             | 1       |
| 83019/83119/83219/83319/<br>83419/83519/83619/83719/<br>83819/83919/84019/84119/<br>84219/84319/84419/84519/<br>84619/84719/84819/84919 | <New Pvalue><br>Domain Name                 | String                                                                                                             | NULL    |

## FIRMWARE VERSION 1.0.3.24

### PRODUCT NAME

WP816, WP826, WP836

### DATE

02/24/2026

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 5d09e7fa44b535a30501c2c8c227e15d

### ENHANCEMENT

- Updated Web UI tooltips
- Added Support to send SIP Log [SEND SIP LOG]
- Added Support of Phone Ready Indicator [ENABLE PHONE READY INDICATOR]
- Added Support of vCard Phonebook [VCARD PHONEBOOK]
- Added Support of WireGuard® Client Maximum Transmission Unit [WIREGUARD® CLIENT MAXIMUM TRANSMISSION UNIT]
- Added Support of WireGuard® Peer Preshared Key [WIREGUARD® PEER PRESARED KEY]
- Added Support of entering silent mode by long pressing the \* key [ENABLE STAR KEY SILENT MODE]
- Enhanced Contact functionality to support up to 10 phone numbers per contact, and duplicate number types are now allowed

### BUG FIX

- Fixed Device ringtone issue with Alert-Info Bellcore Mapping enabled
- Fixed Device LCD freezes randomly while web UI remains accessible

### NEW FEATURES OVERVIEW

#### SEND SIP LOG

- Web Configuration**

This option can be found under device web UI → Maintenance → System Diagnostics → One-click Debug:

Send SIP Log ?



- Functionality**

Configures whether the SIP log will be included in the syslog messages.

- **Pvalues**

| Pvalue | Description                  | Value Range                    | Default |
|--------|------------------------------|--------------------------------|---------|
| 1387   | <New Pvalue><br>Send SIP Log | Number :<br>0 – No<br>1 -- Yes | 1       |

## ENABLE PHONE READY INDICATOR

- **Web Configuration**

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

Enable Phone Ready Indicator  ☐

- **Functionality**

If "Yes" is selected, when the screen is off, and both the device account and Wi-Fi are normal, the LED will blink in the following pattern: green 100 ms → fade out 10 ms → off 100 ms → green 100 ms → fade out 10 ms → off 5 s, then repeat.

- **Pvalues**

| Pvalue | Description                                  | Value Range                    | Default |
|--------|----------------------------------------------|--------------------------------|---------|
| 22661  | <New Pvalue><br>Enable Phone Ready Indicator | Number :<br>0 – No<br>1 -- Yes | 0       |

## VCARD PHONEBOOK

- **Web Configuration**

The related options can be found under device web UI → Applications → Contacts → Phonebook Management:

Download vCard Phonebook  [Download](#)

Upload vCard Phonebook  [Upload](#)

- **Functionality**

A vCard (Virtual Contact File) is a standard digital file format used to store and share contact information such as names, phone numbers, and email addresses. The WP8x6 now supports uploading and downloading vCard files to and from the device.

## WIREGUARD® CLIENT MAXIMUM TRANSMISSION UNIT

- **Web Configuration**

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

WireGuard® Client Maximum Transmission Unit 

- **Functionality**

Configure WireGuard® The maximum transmission unit value for client data transmission, in bytes. When configured to 0, it means that the MTU value configured here is not specified. The system will calculate WireGuard®'s maximum transmission unit based on Network Settings/Advanced Settings/Advanced Settings/Maximum Transmission Unit (MTU) configuration value.

- **Pvalues**

| Pvalue | Description                                                 | Value Range            | Default |
|--------|-------------------------------------------------------------|------------------------|---------|
| 22593  | <New Pvalue><br>WireGuard® Client Maximum Transmission Unit | Number :<br>576-1500,0 | 0       |

### WIREGUARD® PEER PRESHARED KEY

- **Web Configuration**

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

WireGuard® Peer Preshared Key ?

- **Functionality**

Configure the WireGuard® node's pre-shared key, which is mixed into the Curve25519 key exchange via an additional symmetric encryption layer to enhance confidentiality.

- **Pvalues**

| Pvalue | Description                                   | Value Range | Default |
|--------|-----------------------------------------------|-------------|---------|
| 22592  | <New Pvalue><br>WireGuard® Peer Preshared Key | String      | null    |

### ENABLE STAR KEY SILENT MODE

- **Web Configuration**

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

Enable Star Key Silent Mode ?



- **Functionality**

Configure whether to enable entering silent mode by long-pressing the \* key.

- **Pvalues**

| Pvalue | Description                                 | Value Range                    | Default |
|--------|---------------------------------------------|--------------------------------|---------|
| 22662  | <New Pvalue><br>Enable Star Key Silent Mode | Number :<br>0 – No<br>1 -- Yes | 1       |



## **FIRMWARE VERSION 1.0.3.20**

### **PRODUCT NAME**

WP816, WP826, WP836

### **DATE**

01/07/2026

### **FIRMWARE FILE INFORMATION**

- Firmware file name: wp8x6fw.bin

MD5: 5a25bd09c852c46b3d5c9f88600de92a

### **ENHANCEMENT**

- Updated Web UI strings
- Greatly Improved Wi-Fi stability
- Added Support to analyze Wi-Fi Status from device LCD menu
- Added Support of Enhanced Open (OWE) for Wi-Fi connections
- Added Support to set the alarm clock, timer, and calendar in the device LCD menu, and to import and export Calendar from device Web UI [CALENDAR]
- Added Support to configure media NAT traversal strategies [MEDIA NAT TRAVERSAL]
- Added Support of ICE function [ICE FUNCTION]
- Added Support to control the registration retry interval when the server returns 403 Forbidden [REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN]
- Added Support to include Kernel Logs into syslog [INCLUDE KERNEL LOGS]
- Added Support to set Geolocation Header Format [GEOLOCATION HEADER FORMAT]
- Added Support to set Emergency Call mode [EMERGENCY CALL WAY]
- Added Support to auto answer emergency call [EMERGENCY CALL AUTO ANSWER]
- Added Support to control reboot when receiving SIP NOTIFY with "Event: Check-Sync" header for each SIP account [REBOOT ON CHECK-SYNC EVENT WITHOUT "REBOOT="]
- Added Support to send voice messages from device LCD menu
- Added Support of WireGuard® [WIREGUARD® SETTINGS]
- Added Support of PTT headset with for a Type-C interface [HEADSET TYPE]
- Added Support of SCEP [SCEP SUPPORT]
- Added Support of DTLS-SRTP [SRTP KEY EXCHANGE]

### **BUG FIX**

- Fixed Device cannot pick up calls under certain circumstances
- Fixed Device does not support multi auth header which contains illegal auth method

- Fixed Device answer to the call only works for the first incoming call after registration with 3CX uaCSTA
- Fixed Device fails to initiate network conference

## NEW FEATURES OVERVIEW

### MEDIA NAT TRAVERSAL

- **Web Configuration**

This option can be found under device web UI → Account X → General Settings:

Media NAT Traversal  Auto 

- **Functionality**

To configure media NAT traversal strategies:

If configured as "No," media NAT traversal will not be used.

If configured as "Auto," it will follow the business logic of the "NAT traversal(STUN)" configuration.

If configured as "STUN," it will obtain the public IP and port information after NAT through a shared STUN server.

If configured as "TURN," it will forward the data stream through a TURN relay server.

If configured as "ICE," it will collect local IP addresses, STUN-reflected addresses, and TURN relay addresses to dynamically select the optimal connection path.

- **Pvalues**

| Pvalue            | Description                         | Value Range                                                       | Default |
|-------------------|-------------------------------------|-------------------------------------------------------------------|---------|
| 95002/95102/95202 | <New Pvalue><br>Media NAT Traversal | Number :<br>0 – No<br>1 – Auto<br>2 – STUN<br>3 – TURN<br>4 – ICE | 1       |

### ICE FUNCTION

- **Web Configuration**

The related settings can be found under device web UI → Account X → General Settings:

Enable Trickle ICE  ☒

Candidate Type  All 

STUN/TURN Server 

| Type                                                                                     | Address | Username | Password                                                                              | Operation                                                                             |
|------------------------------------------------------------------------------------------|---------|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| STUN  |         |          |  |  |
| TURN  |         |          |  |  |
| STUN  |         |          |  |  |

- **Functionality**

**Enable Trickle ICE:** Configure whether to enable Trickle ICE. If enabled, it allows the ICE agent to send candidate addresses as they are collected, rather than waiting for all candidate addresses to be collected before sending them. This can accelerate the connection establishment process.

**Candidate Type:** Configure the ICE candidate type. If "All" is selected, all address types will be collected. If "Relay Candidates Only" is selected, the candidate addresses will be obtained through a TURN server, which will act as a relay for the media stream.

**STUN/TURN Server:** Fill in the STUN/TURN server related configurations.

- **Pvalues**

| Pvalue            | Description                                 | Value Range                           | Default |
|-------------------|---------------------------------------------|---------------------------------------|---------|
| 95003/95103/95203 | <New Pvalue><br>Enable Trickle ICE          | Number :<br>0 – No<br>1 -- Yes        | 1       |
| 95005/95105/95205 | <New Pvalue><br>Candidate Type              | 0 – All,<br>1 – Relay Candidates Only | 0       |
| 95008/95108/95208 | <New Pvalue><br>STUN/TURN Server 1 Address  | String                                | NULL    |
| 95009/95109/95209 | <New Pvalue><br>STUN/TURN Server 1 Username | String                                | NULL    |
| 95010/95110/95210 | <New Pvalue><br>STUN/TURN Server 1 Password | String                                | NULL    |
| 95011/95111/95211 | <New Pvalue><br>STUN/TURN Server 2 Address  | String                                | NULL    |
| 95012/95112/95212 | <New Pvalue><br>STUN/TURN Server 2 Username | String                                | NULL    |
| 95013/95113/95213 | <New Pvalue><br>STUN/TURN Server 2 Password | String                                | NULL    |
| 95014/95114/95214 | <New Pvalue><br>STUN/TURN Server 3 Address  | String                                | NULL    |
| 95015/95115/95215 | <New Pvalue><br>STUN/TURN Server 3 Username | String                                | NULL    |
| 95016/95116/95216 | <New Pvalue><br>STUN/TURN Server 3 Password | String                                | NULL    |

## REGISTRATION RETRY WAIT TIME(S) UPON 403 FORBIDDEN

- **Web Configuration**

This option can be found under device web UI → Account X → SIP Settings:

Registration Retry Wait Time(s) upon 403 Forbidden ?

1200

- **Functionality**

Specifies the interval to retry registration if the process is failed due to 403 Forbidden. Valid range is 0 to 3600 in second. 0 second means stopping retry registration.

- **Pvalues**

| Pvalue            | Description                                                           | Value Range        | Default |
|-------------------|-----------------------------------------------------------------------|--------------------|---------|
| 26002/26102/26202 | <New Pvalue><br>Registration Retry Wait Time(s)<br>upon 403 Forbidden | Number :<br>0-3600 | 1200    |

### INCLUDE KERNEL LOGS

- **Web Configuration**

This option can be found under device web UI → Maintenance → System Diagnostics:

Include Kernel Logs  ☐

- **Functionality**

Enable/disable the inclusion of kernel messages in the output log.

- **Pvalues**

| Pvalue | Description                         | Value Range                    | Default |
|--------|-------------------------------------|--------------------------------|---------|
| 22659  | <New Pvalue><br>Include Kernel Logs | Number :<br>0 – No<br>1 -- Yes | 0       |

### GEOLOCATION HEADER FORMAT

- **Web Configuration**

This option can be found under device web UI → External Service → E911 Service:

Geolocation Header Format  Legacy 

- **Functionality**

There are two options in this option:

RFC6442: Geolocation header example is Geolocation: <cid: 8476BD6B-5FDD-339D-900B-AEAB0AA0429A>

Legacy: Geolocation header example is Geolocation: 8476BD6B-5FDD-339D-900B-AEAB0AA0429A

- **Pvalues**

| Pvalue | Description                               | Value Range            | Default |
|--------|-------------------------------------------|------------------------|---------|
| 8725   | <New Pvalue><br>Geolocation Header Format | Number :<br>0 – Legacy | 0       |

|  |  |             |  |
|--|--|-------------|--|
|  |  | 1 – RFC6442 |  |
|--|--|-------------|--|

## EMERGENCY CALL WAY

- Web Configuration**

This option can be found under device web UI → Application → Alarm Settings:

Emergency Call Way ?

Simultaneously

- Functionality**

If choose "Sequential", the call will be repeated in the order of the emergency call number filled in. If choose "Simultaneously", the configured emergency numbers will be called repeatedly at same time, if the number of lines is insufficient, they will be executed in sequence.

- Pvalues**

| Pvalue | Description                        | Value Range                                      | Default |
|--------|------------------------------------|--------------------------------------------------|---------|
| 22601  | <New Pvalue><br>Emergency Call Way | Number :<br>0 – Sequential<br>1 – Simultaneously | 1       |

## EMERGENCY CALL AUTO ANSWER

- Web Configuration**

This option can be found under device web UI → Application → Alarm Settings:

Emergency Call Auto Answer ?



- Functionality**

When alarm, configure whether to automatically answer incoming calls from emergency numbers.

- Pvalues**

| Pvalue | Description                                | Value Range                   | Default |
|--------|--------------------------------------------|-------------------------------|---------|
| 22602  | <New Pvalue><br>Emergency Call Auto Answer | Number :<br>0 – No<br>1 – Yes | 1       |

## CALENDAR

- Web Configuration**

The related settings can be found under device web UI → Application → Calendar:

Import Calendar

Import

[How to customize special marks?](#)

Maximum of 5 files can be active simultaneously, with priority given to the earlier calendar display style.

 Week Start Day [?](#)

Sun

Export Current Calendar

Export

### • Functionality

**Calendar Import Mode:** Configure the mode for importing schedule files. If URL mode is selected, the files under the address will be checked for updates at 24:00 every day.

**URL Address:** Fill in the URL of the calendar you want to subscribe to, and the calendar author's updates will be synchronized.

**Username:** username for the target URL.

**Password:** password for the target URL.

**Week Start Day:** Select the day that begins the week.

### • Pvalues

| Pvalue                            | Description                          | Value Range                                                                                | Default |
|-----------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------|---------|
| 82335/82339/82343/<br>82347/82351 | <New Pvalue><br>Calendar Import Mode | Number :<br>0 – URL Mode<br>1 – Upload File Mode                                           | 0       |
| 82336/82340/82344/<br>82348/82352 | <New Pvalue><br>URL Address          | String                                                                                     | NULL    |
| 82337/82341/82345/<br>82349/82353 | <New Pvalue><br>Username             | String                                                                                     | NULL    |
| 82338/82342/82346/<br>82350/82354 | <New Pvalue><br>Password             | String                                                                                     | NULL    |
| 82355                             | <New Pvalue><br>Week Start Day       | Number:<br>7 – Sun,<br>1 – Mon,<br>2 – Tue,<br>3 – Wed,<br>4 – Thu,<br>5 – Fri,<br>6 – Sat | 7       |

### REBOOT ON CHECK-SYNC EVENT WITHOUT "REBOOT="

### • Web Configuration

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

 Reboot on check-sync event without "reboot=" [?](#)


- **Functionality**

If option is enabled, the phone will do reboot when receiving SIP NOTIFY check-sync event without "reboot=" header. If the option is disabled, the phone will do provision and not reboot when receiving SIP NOTIFY check-sync event without "reboot=" header.

- **Pvalues**

| Pvalue            | Description                                                  | Value Range                   | Default |
|-------------------|--------------------------------------------------------------|-------------------------------|---------|
| 95030/95130/95230 | <New Pvalue><br>Reboot on check-sync event without "reboot=" | Number :<br>0 – No<br>1 – Yes | 1       |

## HEADSET TYPE

- **Web Configuration**

This option can be found under device web UI → System Settings → Preference → Audio Settings:

Headset Type ⓘ

Regular Headset ▼

- **Functionality**

Select the headset type. If choose the PTT intercom dedicated headset, you can long press the PTT headset intercom button to directly initiate PTT intercom, and release it to stop sending intercom.

- **Pvalues**

| Pvalue | Description                  | Value Range                                        | Default |
|--------|------------------------------|----------------------------------------------------|---------|
| 22641  | <New Pvalue><br>Headset Type | Number :<br>0-- Regular Headset,<br>1--PTT Headset | 0       |

## WIREGUARD® SETTINGS

- **Web Configuration**

The related settings can be found under device web UI → Network Settings → WireGuard® Settings:

## WireGuard® Settings

Enable WireGuard® ⓘ
 ☐

Import WireGuard® Configuration ⓘ
 

⬇ Please import \*.conf file

| Client Settings

WireGuard® Client Private Key ⓘ
 

Create

WireGuard® Client Public Key ⓘ
 --

WireGuard® Client IP Address ⓘ

WireGuard® Client DNS Address ⓘ

WireGuard® Client Listening Port ⓘ

| Peer Settings

WireGuard® Peer Public Key ⓘ

WireGuard® Peer Address ⓘ

WireGuard® Allowed IPs ⓘ
 

+

WireGuard® Connection Keep-Alive Interval (seconds) ⓘ

- Functionality**

**Enable WireGuard®:** Configure WireGuard® switch.

**Import WireGuard® Configuration:** The configurations will be overwritten after import.

**WireGuard® Client Private Key:** Configure the WireGuard® client private key, which only supports Base64-encoded 32-byte keys.

**WireGuard® Client Public Key:** Client public key information.

**WireGuard® Client IP Address:** Configure the IP address and subnet mask length assigned to the WireGuard® client on the VPN server, required, e.g., 10.0.0.1/24. If the subnet mask length is not written, it is considered /32 by default.

**WireGuard® Client DNS Address:** Configure the DNS address used by the WireGuard® client.

**WireGuard® Client Listening Port:** Configure the port that the WireGuard® client listens on.

**WireGuard® Peer Public Key:** Configure the WireGuard® peer public key, which only supports Base64-encoded 32-byte keys.

**WireGuard® Peer Address:** Configure the WireGuard® peer address, required, can be an IP address or domain name, as well as the port the peer listens on, e.g., 172.16.142.220:51820.

**WireGuard® Allowed IPs:** Configure the IP addresses and subnet mask lengths that the WireGuard® client can access through the VPN server peer, multiple configurations are allowed, not required (no value



means 0.0.0.0/0, no restrictions), e.g., 10.0.0.0/24, 10.2.2.2/32. If the subnet mask length is not written, it is considered /32 by default.

**WireGuard® Connection Keep-Alive Interval (seconds):** Configure the client to send a keep-alive message to the server peer every certain number of seconds, default is 25, range is 1-65535.

- **Pvalues**

| Pvalue | Description                                                         | Value Range                   | Default |
|--------|---------------------------------------------------------------------|-------------------------------|---------|
| 22583  | <New Pvalue><br>Enable WireGuard®                                   | Number :<br>0 – No<br>1 – Yes | 0       |
| 22587  | <New Pvalue><br>WireGuard® Client Private Key                       | String                        | NULL    |
| 22584  | <New Pvalue><br>WireGuard® Client IP Address                        | String                        | NULL    |
| 22586  | <New Pvalue><br>WireGuard® Client DNS Address                       | String                        | NULL    |
| 22585  | <New Pvalue><br>WireGuard® Client Listening Port                    | Number:<br>1 - 65535          | NULL    |
| 22589  | <New Pvalue><br>WireGuard® Peer Public Key                          | String                        | NULL    |
| 22588  | <New Pvalue><br>WireGuard® Peer Address                             | String                        | NULL    |
| 22591  | <New Pvalue><br>WireGuard® Allowed IPs                              | String                        | NULL    |
| 22590  | <New Pvalue><br>WireGuard® Connection Keep-Alive Interval (seconds) | Number:<br>1 - 65535          | 25      |

## SCEP SUPPORT

- **Web Configuration**

The related settings can be found under device web UI → System Settings → Security Settings → SCEP:

## Basic Settings

Enable SCEP ?

☐

SCEP Server URL ?

CA FingerPrint Infomation ?

Challenge Password ?

## Local Configuration

Local Public and Private Key Length ?

2048 bit



The Name of Certificate Applicant ?

name

The Country of Certificate Applicant Located ?

Auto (US)



The State of Certificate Applicant Located ?

The Locality of Certificate Applicant Located ?

The Organization of Certificate Applicant Located ?

The organization unit of Certificate Applicant ?

## HTTP Authentication

User ID ?

Password ?

## Certificates and Updates

CA Certificate ?

View

Client Certificate ?

View

Client Certificate Alternative Name ?

\$MAC.local



Update Interval before Certificate Expiration ?

20

Update now

Scope of Use ?

- ☒ SSL/TLS communication
- ☐ OpenVPN
- ☐ TR069
- ☐ SIP

- **Functionality**

**Enable SCEP:** Choose whether to enable SCEP.

**SCEP Server URL:** Fill in the SCEP server URL (CA URL or RA URL), the protocol header must be included in the URL. Currently, only 'HTTP' is supported.

**CA FingerPrint Information:** Fingerprint information provided by CA Institution.

**Challenge Password:** Enter the Challenge Password to be sent along with the CSR while applying for a certificate.

**Local Public and Private Key Length:** Set the length of local public and private keys.

**The Name of Certificate Applicant:** Fill in the name of the certificate applicant, which is a required field.

**The Country of Certificate Applicant Located:** Select the country of the certificate applicant.

Value range:

Automatic==Auto, AF==Afghanistan, AX==Aland Islands, AL==Albania, DZ==Algeria, AS==American Samoa, AD==Andorra, AO==Angola, AI==Anguilla, AQ==Antarctica, AG==Antigua and Barbuda, AR==Argentina, AM==Armenia, AW==Aruba, AU==Australia, AT==Austria, AZ==Azerbaijan, BS==Bahamas, BH==Bahrain, BD==Bangladesh, BB==Barbados, BY==Belarus, BE==Belgium, BZ==Belize, BJ==Benin, BM==Bermuda, BT==Bhutan, BO==Bolivia (Plurinational State of), BQ==Bonaire, Sint Eustatius and Saba, BA==Bosnia and Herzegovina, BW==Botswana, BV==Bouvet Island, BR==Brazil, IO==British Indian Ocean Territory, BN==Brunei Darussalam, BG==Bulgaria, BF==Burkina Faso, BI==Burundi, CV==Cabo Verde, KH==Cambodia, CM==Cameroon, CA==Canada, KY==Cayman Islands, CF==Central African Republic, TD==Chad, CL==Chile, CN==China, CX==Christmas Island, CC==Cocos (Keeling) Islands, CO==Colombia, KM==Comoros, CG==Congo, CD==Congo (Democratic Republic of the), CK==Cook Islands, CR==Costa Rica, CI==Côte d'Ivoire, HR==Croatia, CU==Cuba, CW==Curaçao, CY==Cyprus, CZ==Czechia, DK==Denmark, DJ==Djibouti, DM==Dominica, DO==Dominican Republic, EC==Ecuador, EG==Egypt, SV==El Salvador, GQ==Equatorial Guinea, ER==Eritrea, EE==Estonia, ET==Ethiopia, FK==Falkland Islands (Malvinas), FO==Faroe Islands, FJ==Fiji, FI==Finland, FR==France, GF==French Guiana, PF==French Polynesia, TF==French Southern Territories, GA==Gabon, GM==Gambia, GE==Georgia, DE==Germany, GH==Ghana, GI==Gibraltar, GR==Greece, GL==Greenland, GD==Grenada, GP==Guadeloupe, GU==Guam, GT==Guatemala, GG==Guernsey, GN==Guinea, GW==Guinea-Bissau, GY==Guyana, HT==Haiti, HM==Heard Island and McDonald Islands, VA==Holy See, HN==Honduras, HK==Hong Kong, HU==Hungary, IS==Iceland, IN==India, ID==Indonesia, IR==Iran (Islamic Republic of), IQ==Iraq, IE==Ireland, IM==Isle of Man, IL==Israel, IT==Italy, JM==Jamaica, JP==Japan, JE==Jersey, JO==Jordan, KZ==Kazakhstan, KE==Kenya, KI==Kiribati, KP==Korea (Democratic People's Republic of), KR==Korea (Republic of), KW==Kuwait, KG==Kyrgyzstan, LA==Lao People's Democratic Republic, LV==Latvia, LB==Lebanon, LS==Lesotho, LR==Liberia, LY==Libya, LI==Liechtenstein, LT==Lithuania, LU==Luxembourg, MO==Macao, MK==Macedonia (the former Yugoslav Republic of), MG==Madagascar, MW==Malawi, MY==Malaysia, MV==Maldives, ML==Mali, MT==Malta, MH==Marshall Islands, MQ==Martinique, MR==Mauritania, MU==Mauritius, YT==Mayotte, MX==Mexico, FM==Micronesia (Federated States of), MD==Moldova (Republic of), MC==Monaco, MN==Mongolia, ME==Montenegro, MS==Montserrat, MA==Morocco, MZ==Mozambique,

MM==Myanmar, NA==Namibia, NR==Nauru, NP==Nepal, NL==Netherlands, NC==New Caledonia, NZ==New Zealand, NI==Nicaragua, NE==Niger, NG==Nigeria, NU==Niue, NF==Norfolk Island, MP==Northern Mariana Islands, NO==Norway, OM==Oman, PK==Pakistan, PW==Palau, PS==Palestine, State of, PA==Panama, PG==Papua New Guinea, PY==Paraguay, PE==Peru, PH==Philippines, PN==Pitcairn, PL==Poland, PT==Portugal, PR==Puerto Rico, QA==Qatar, RE==Réunion, RO==Romania, RU==Russian Federation, RW==Rwanda, BL==Saint Barthélemy, SH==Saint Helena, Ascension and Tristan da Cunha, KN==Saint Kitts and Nevis, LC==Saint Lucia, MF==Saint Martin (French part), PM==Saint Pierre and Miquelon, VC==Saint Vincent and the Grenadines, WS==Samoa, SM==San Marino, ST==Sao Tome and Principe, SA==Saudi Arabia, SN==Senegal, RS==Serbia, SC==Seychelles, SL==Sierra Leone, SG==Singapore, SX==Sint Maarten (Dutch part), SK==Slovakia, SI==Slovenia, SB==Solomon Islands, SO==Somalia, ZA==South Africa, GS==South Georgia and the South Sandwich Islands, SS==South Sudan, ES==Spain, LK==Sri Lanka, SD==Sudan, SR==Suriname, SJ==Svalbard and Jan Mayen, SZ==Swaziland, SE==Sweden, CH==Switzerland, SY==Syrian Arab Republic, TW==Taiwan, Province of China, TJ==Tajikistan, TZ==Tanzania, United Republic of, TH==Thailand, TL==Timor-Leste, TG==Togo, TK==Tokelau, TO==Tonga, TT==Trinidad and Tobago, TN==Tunisia, TR==Turkey, TM==Turkmenistan, TC==Turks and Caicos Islands, TV==Tuvalu, UG==Uganda, UA==Ukraine, AE==United Arab Emirates, GB==United Kingdom of Great Britain and Northern Ireland, US==United States of America, UM==United States Minor Outlying Islands, UY==Uruguay, UZ==Uzbekistan, VU==Vanuatu, VE==Venezuela (Bolivarian Republic of), VN==Viet Nam, VG==Virgin Islands (British), VI==Virgin Islands (U.S.), WF==Wallis and Futuna, EH==Western Sahara, YE==Yemen, ZM==Zambia, ZW==Zimbabwe.

**The State of Certificate Applicant Located:** Fill in the state of the certificate applicant's located.

**The Locality of Certificate Applicant Located:** Fill in the locality of the certificate applicant's located.

**The Organization of Certificate Applicant Located:** Fill in the organization of the certificate applicant, such as companies, government agencies, non-profit organizations, etc.

**The organization unit of Certificate Applicant:** Fill in the organization of the certificate applicant, such as companies, government agencies, non-profit organizations, etc.

**HTTP Authentication-- User ID:** Configure user ID for SCEP server authentication.

**HTTP Authentication—Password:** Configure password for SCEP server authentication.

**Client Certificate Alternative Name:** Set up the Client Certificate alternative, please refer to the following:

(1)DNS name (dNSName): represents a hostname or domain name, such as www.example.com.

(2)IP address (iPAddress): represents an IP address, which can be either IPv4 or IPv6, such as 192.168.0.1 or 2001:db8::1.

(3)Email address (rfc822Name): represents an email address, such as user@example.com.

(4)X.500 distinguished name (directoryName): represents an X.500 directory name, such as /C=US/ST=CA/L=Los Angeles/O=Example Inc./CN=www.example.com.

(5)Uniform Resource Identifier (URI) (uniformResourceIdentifier): represents a URI, such as https://www.example.com.

(6)Kerberos service name (krb5PrincipalName): represents a Kerberos service name, such as HTTP/www.example.com.

**Update Interval before Certificate Expiration:** Before the certificate expires, the system will attempt to renew it a certain number of days in advance. This parameter sets the advance interval, with a value range of 1–30 days. When the remaining validity period falls below this interval, the system triggers the renewal process.

**Scope of Use:** Select usage modules for SCEP management certificates and public keys. If checked, the module certificate is managed by SCEP; If unchecked, the certificate managed by SCEP in this module will be directly deleted. If the certificate is uploaded independently in the relevant module, it is determined whether to continue relying on SCEP to manage the certificate based on subsequent behavior.

- **Pvalues**

| Pvalue | Description                                                              | Value Range                                             | Default |
|--------|--------------------------------------------------------------------------|---------------------------------------------------------|---------|
| 8647   | <New Pvalue><br>Enable SCEP                                              | Number :<br>0—No,<br>1— Yes                             | 0       |
| 8648   | <New Pvalue><br><b>SCEP Server URL</b>                                   | URL                                                     | NULL    |
| 8652   | <New Pvalue><br><b>CA FingerPrint Information</b>                        | String                                                  | NULL    |
| 8653   | <New Pvalue><br><b>Challenge Password</b>                                | String                                                  | NULL    |
| 8654   | <New Pvalue><br><b>Local Public and Private Key Length</b>               | 0—1024 bit,<br>1—2048 bit,<br>2—3072 bit,<br>3—4096 bit | 1       |
| 8655   | <New Pvalue><br><b>The Name of Certificate Applicant</b>                 | String                                                  | name    |
| 8656   | <New Pvalue><br><b>The Country of Certificate Applicant Located</b>      | See functionality above                                 | auto    |
| 8657   | <New Pvalue><br><b>The State of Certificate Applicant Located</b>        | String                                                  |         |
| 8658   | <New Pvalue><br><b>The Locality of Certificate Applicant Located</b>     | String                                                  |         |
| 8659   | <New Pvalue><br><b>The Organization of Certificate Applicant Located</b> | String                                                  |         |
| 8660   | <New Pvalue><br><b>The organization unit of Certificate Applicant</b>    | String                                                  |         |

|      |                                                                      |                                                                                       |                      |
|------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------|
| 8649 | <New Pvalue><br><b>HTTP Authentication-- User ID</b>                 | String                                                                                |                      |
| 8650 | <New Pvalue><br><b>HTTP Authentication—Password</b>                  | String                                                                                |                      |
| 8661 | <New Pvalue><br><b>Client Certificate Alternative Name</b>           | String                                                                                |                      |
| 8662 | <New Pvalue><br><b>Update Interval before Certificate Expiration</b> | Number:<br>1- 30                                                                      | 20                   |
| 8663 | <New Pvalue><br><b>Scope of Use</b>                                  | Checkbox:<br>CustomerCertificate--SSL/TLS communication,<br>OpenVPN,<br>TR069,<br>SIP | Customer Certificate |

## SRTP KEY EXCHANGE

- Web Configuration**

This option can be found under device web UI → Account X → Codec Settings:

SRTP Key Exchange ⓘ

SDS

- Functionality**

Select SRTP key exchange method.

- Pvalues**

| Pvalue | Description                       | Value Range                       | Default |
|--------|-----------------------------------|-----------------------------------|---------|
| 60078  | <New Pvalue><br>SRTP Key Exchange | Number :<br>0 – SDES,<br>1 – DTLS | 0       |

## FIRMWARE VERSION 1.0.1.88

### PRODUCT NAME

WP816, WP826, WP836

### DATE

11/19/2025

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin

MD5: 49b0b262d77ca127bfc6711dd05e16ca

### ENHANCEMENT

- Increased the WPA/WPA2-802.1x and WP3-802.1x client certificate limit length to 16000
- Added Support to add Auth Header on Re-register [ADD AUTH HEADER ON RE-REGISTER]

### BUG FIX

- Fixed Device cannot factory reset or save config under certain scenarios

### NEW FEATURES OVERVIEW

#### ADD AUTH HEADER ON RE-REGISTER

- Web Configuration**

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

Add Auth Header on RE-REGISTER  

- Functionality**

If enabled, the phone will add Authorization header in RE-REGISTER request.

- Pvalues**

| Pvalue              | Description                                                    | Value Range       | Default |
|---------------------|----------------------------------------------------------------|-------------------|---------|
| 95029 /95129 /95229 | <New Pvalue> (Account 1 – 3)<br>Add Auth Header on RE-REGISTER | 0 – No<br>1 – Yes | 1       |

## FIRMWARE VERSION 1.0.1.87

### PRODUCT NAME

WP816, WP826, WP836

### DATE

9/30/2025

### FIRMWARE FILE INFORMATION

- Firmware file name: wp8x6fw.bin
- MD5: 129f7353c849673896d5643c5238fb1b

### ENHANCEMENT

- Added Support of Silent Charing [SILENT CHARGING]
- Added Support to lock screen in call [LOCK SCREEN IN CALL]
- Added Support to configure IM Designated Account [IM DESIGNATED ACCOUNT]
- Improved LCD strings for Slovak language
- Increased the Maximum allowed length for "SIP TLS Private Key" to more than 2048 characters

### BUG FIX

- Fixed Device auto answers all calls when Auto Answer Numbers are set to \*\*610 and \*\*611
- Fixed Device RTCP Keep-Alive is no longer sent during call hold
- Fixed Device misses notification when detecting the latest version

### NEW FEATURES OVERVIEW

#### SILENT CHARGING

- Web Configuration**

The related options can be found under device web UI → System Settings → Preferences:

Enable Silent Charging ? ☐

- Functionality**

Configure whether the device enters system-wide silent mode while charging.

- Pvalues**

| Pvalue | Description | Value Range | Default |
|--------|-------------|-------------|---------|
|--------|-------------|-------------|---------|



|       |                                        |                   |   |
|-------|----------------------------------------|-------------------|---|
| 22651 | <New Pvalue><br>Enable Silent Charging | 0 – No<br>1 – Yes | 0 |
|-------|----------------------------------------|-------------------|---|

## LOCK SCREEN IN CALL

- Web Configuration**

The related options can be found under device web UI → System Settings → Security Settings → Screen Lock:

Lock Screen in Call  ☒ Disabled ☐ Auto ☐ Manual

- Functionality**

Configure the screen-lock mode during calls.

Manual: Press and hold the lock key (#) to lock the screen.

Auto: The screen will automatically lock when the timeout period expires and turn off. Additionally, pressing and holding the lock key (#) will manually lock it.

- Pvalues**

| Pvalue | Description                         | Value Range                        | Default |
|--------|-------------------------------------|------------------------------------|---------|
| 22652  | <New Pvalue><br>Lock Screen in Call | 0 – Disabled, 1 – Auto, 2-- Manual | 0       |

## IM DESIGNATED ACCOUNT

- Web Configuration**

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

IM Designated Account

- Functionality**

Configure the default local account used when sending messages. If set to “Auto,” it will follow the device-wide “Prefer Account.”

- Pvalues**

| Pvalue | Description                           | Value Range                                                 | Default |
|--------|---------------------------------------|-------------------------------------------------------------|---------|
| 22650  | <New Pvalue><br>IM Designated Account | 0 – Auto<br>1 – Account 1<br>2 – Account 2<br>3 – Account 3 | 0       |

## 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><br>Enable Alert-Info Bellcore Mapping | 0 – No,<br>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><br>Hang-up Key End Call mode | 0 – Short Press<br>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 ⓘ

|                                                                              |
|------------------------------------------------------------------------------|
| <input type="checkbox"/> System                                              |
| <input type="checkbox"/> Database corrupt                                    |
| <input type="checkbox"/> Capturing Data Packets                              |
| <input type="checkbox"/> CPE Connection Failed                               |
| <input type="checkbox"/> Account registration failed.                        |
| <input type="checkbox"/> User storage space is full                          |
| <input type="checkbox"/> Device role downgraded in account sharing           |
| <input type="checkbox"/> The custom client certificate is invalid            |
| <input type="checkbox"/> Multiple Login Attempts to Admin Failed             |
| <input type="checkbox"/> Low battery                                         |
| <input type="checkbox"/> User Default Password                               |
| <input checked="" type="checkbox"/> Network                                  |
| <input type="checkbox"/> Wi-Fi connected to default SSID and password        |
| <input type="checkbox"/> Wi-Fi disconnected abnormally                       |
| <input type="checkbox"/> Network Error                                       |
| <input type="checkbox"/> Wi-Fi Signal Issue                                  |
| <input checked="" type="checkbox"/> Upgrade                                  |
| <input type="checkbox"/> Failed to download firmware                         |
| <input type="checkbox"/> Failed to download config file                      |
| <input type="checkbox"/> Please set the URL to where the firmware is located |
| <input type="checkbox"/> Firmware detection failed                           |
| <input type="checkbox"/> Firmware server auth failed                         |
| <input type="checkbox"/> Config server auth failed                           |
| <input type="checkbox"/> Failed to upgrade certificate                       |
| <input type="checkbox"/> 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><br>Custom Filter<br>Warnings<br>Message | String:<br>User Default Password - sys.user.pwd.default<br>Database Corruption - sys.db<br>Multiple Login Attempts to Admin Failed - user.login<br>Capturing Data Packets - sys.pcap<br>CPE Connection Failed - sys.cpe<br>Account Registration Failed - sys.accts<br>Storage Space is Full - sys.user_space<br>Low Battery - sys.battery.low<br>Role Downgraded in account Sharing - sys.account_sharing<br>Invalid Custom Client Certificate - sys.cert<br>Wi-Fi Connects to Default SSID - sys.wifi.default<br>Wi-Fi Signal Issue - sys.wifi.signal.low<br>Wi-Fi Disconnected Abnormal - sys.wifi.disconnected<br>Network Abnormal - sys.net<br>Firmware Download Failed - sys.upgrade.download_fw<br>Configuration Acquisition Failed - sys.upgrade.cfg<br>No Firmware Server Configured - sys.upgrade.url_fw<br>Firmware Version Detection Failed - sys.upgrade.check_fw<br>Firmware Server Authenticatio Issue - sys.upgrade.auth_fw<br>Config Server Authenticatio Issue- sys.upgrade.auth_cfg<br>Upgrade Certificate Issue - sys.upgrade.cert<br>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><br>Wi-Fi Roaming Mode    | Number :<br>0 – Default Mode<br>1 – Boost Mode | 1       |
| 82334  | <New Pvalue><br>Enable Roaming Prompt | Number :<br>0 – No<br>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><br>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><br>LCD Backlight Always On Scenes | String:<br>networkError,<br>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 ? | <input type="text"/>              |
| OpenVPN® Secondary Port ?           | <input type="text" value="1194"/> |
| Randomly Select Server ?            | <input type="checkbox"/>          |

- 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><br>OpenVPN® Server Secondary Address | String      | NULL    |

|       |                                                |                               |      |
|-------|------------------------------------------------|-------------------------------|------|
| 22598 | <New Pvalue><br>OpenVPN® Server Secondary Port | Number                        | 1194 |
| 22599 | <New Pvalue><br>Randomly Select Server         | Number :<br>0 – No<br>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><br>Display Battery Percentage | Number :<br>0 – No<br>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><br>Case Sensitive Search | Number :<br>0 – No<br>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><br>Release DHCP On Reboot | Number :<br>0 – No<br>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><br>Enable Vociemail Popup | Number :<br>0 – No<br>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: fc31b54c5d2a4bb78fa482f0a126bdcb

### **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.**