



## **VTech SIP Phones Release Notes of Version Gen2**

### Table of Contents

|   |    |
|---|----|
| Vtech SIP Phones Release Notes of Version 2.0.7.0 ..... | 2  |
| 1. Introduction .....                                   | 2  |
| 2. New Features.....                                    | 2  |
| 3. Optimisation .....                                   | 2  |
| 4. Bug fixes .....                                      | 2  |
| 5. New Features Description .....                       | 3  |
| Vtech SIP Phones Release Notes of Version 2.0.5.1 ..... | 5  |
| 1. Introduction .....                                   | 5  |
| 2. New Features.....                                    | 5  |
| 3. Optimisation .....                                   | 5  |
| 4. Bug fixes .....                                      | 6  |
| 5. New Features Description .....                       | 6  |
| 6. Optimisation Description .....                       | 11 |
| VTech SIP Phones Release Notes of Version 2.0.4.E.....  | 14 |
| 1. Introduction .....                                   | 14 |
| 2. New Features.....                                    | 14 |
| 3. Optimisation .....                                   | 14 |
| 4. Bug fixes .....                                      | 14 |
| 5. New Features Description .....                       | 14 |
| VTech SIP Phones Release Notes of Version 2.0.4.B.....  | 17 |
| 1. Introduction .....                                   | 17 |
| 2. New Features.....                                    | 17 |
| 3. Optimisation .....                                   | 17 |
| 4. Bug fixes .....                                      | 17 |
| VTech SIP Phones Release Notes of Version 2.0.3.2 ..... | 18 |
| 1. Introduction .....                                   | 18 |
| 2. New Features.....                                    | 18 |
| 3. Optimisation .....                                   | 18 |
| 4. Bug fixes .....                                      | 18 |



## Vtech SIP Phones Release Notes of Version 2.0.7.0

### 1. Introduction

- Firmware Version:
  - VSP716A: 2.0.5.1 upgrades to 2.0.7.0
  - VSP726A: 2.0.5.1 upgrades to 2.0.7.0
  - VSP736A: 2.0.5.1 upgrades to 2.0.7.0
  - VSP610A: 2.0.5.1 upgrades to 2.0.7.0
  - VSP861A: 2.0.5.A upgrades to 2.0.7.0
  - VSP608A: 2.0.6.A upgrades to 2.0.7.A
- Applicable Models: VSP716A/726A/736A/610A/608A
- Release Date: 13 Aug 2018

### 2. New Features

- Add parameter options to change feature key screen on VSP861A
- Allow to use the same SIP local port for multiple accounts
- Add parameter to set the dynamic payload type for iLBC
- Add parameter to specify the time to live for dirty hosts
- Support DHCP hostname option in IPv6
- VSP608A – support XML phonebook (similar to handset VSP601A)

### 3. Optimisation

- Show name and number CLID during a call

### 4. Bug fixes

- No DHCP request after network's LLDP VLAN is changed
- (#559) Account with Outbound Proxy won't register when Accept SIP account servers only is enabled
- VSP861A not playing error tones
- (#561) VSP726A – BLFs not working
- (#585) VSP736A locks up intermittently
- VSP608A – cannot dial international numbers or hyphen symbol



## 5. New Features Description

- Add parameter options to change feature key screen on VSP861A  
Description: 2 parameter options can be changed on VSP861A feature key screen.
  1. Do not display feature keys when no function/label is assigned.
  2. Not to display the 2<sup>nd</sup>/3<sup>rd</sup> pages of PFK and remove setting icon.

| Parameters                 | Possible values | Defaults | WebUI         | Exportable |
|----------------------------|-----------------|----------|---------------|------------|
| user_pref.hide_empty_pfk   | 0, 1            | 1        | Not available | yes        |
| user_pref.hide_action_pane | 0, 1            | 1        | Not available | yes        |

- Allow to use the same SIP local port for multiple accounts  
Description: The new added parameters are:

| Parameters                          | Possible values | Defaults | WebUI         | Exportable |
|-------------------------------------|-----------------|----------|---------------|------------|
| sip_account.share_local_port_enable | 0, 1            | 0        | Not available | yes        |
| sip_account.share_local_sip_port    | 1 - 65535       | 5060     | Not available | yes        |

- Add parameter to set the dynamic payload type for iLBC  
Description: The new added parameter is:

| Parameters                      | Defaults | WebUI         | Exportable |
|---------------------------------|----------|---------------|------------|
| sip_account.x.ilbc_payload_type | 98       | Not available | yes        |

“x” is the no. of SIP account.

An unmatched payload type may cause no audio problem after hold/unhold the call. The default value “98” should be OK unless there is an audio issue in iLBC codec.



- Add parameter to specify the time to live for dirty hosts  
Description: Here is the new added parameter.

| Parameters                 | Possible values | Defaults | WebUI         | Exportable |
|----------------------------|-----------------|----------|---------------|------------|
| sip_account.dirty_host_ttl | 0 - 7200        | 0        | Not available | yes        |

The value is in seconds.

When a phone was unable to reach a host, the phone will not try to reach this host again until the time specified in this parameter has elapsed.

It has no effect if this value is set to 0.



## Vtech SIP Phones Release Notes of Version 2.0.5.1

### 1. Introduction

- Firmware Version:
  - VSP716A: 2.0.4.E upgrades to 2.0.5.1
  - VSP726A: 2.0.4.E upgrades to 2.0.5.1
  - VSP736A: 2.0.4.E upgrades to 2.0.5.1
  - VSP610A: 2.0.4.E upgrades to 2.0.5.1
  - VSP601A: 2.0.4.C upgrades to 2.0.5.1
- Applicable Models: VSP716A/726A/736A/610A/601A
- Release Date: 7 Nov 2017

### 2. New Features

- Add parameter to enable/disable Lower key LED flashing notification
- Add support to wireless deskset VSP608A firmware download (for VSP610A)
- BLF auto assignment
- Support DECT Repeater VSP605A on VSP610A
- Support cordless headset VSP500A to answer the 2<sup>nd</sup> incoming call (call waiting)
- Add XML Remote Phonebook destination port
- Add Hold Reminder tone setting on cordless handset
- Add Intercom ringer setting on cordless handset

### 3. Optimisation

- (#551) Change default value of parameter -  
time\_date.daylight\_saving\_start\_hour
- Pre-install trusted certificates
- (#365) Change the splash screen when default passwords need to be changed
- Provide a VPN icon on LCD for status indication
- Unlock G.729 codec license
- Increase XML Remote Phonebook size
- Increase Alert-Info buffer size



- Add indication of current handset in Dereigstration menu of cordless handset

#### 4. Bug fixes

- (#519) Lower key flashes continuously when BLFs are configured on the 2<sup>nd</sup> page of PFK
- (#497) VSP726A - phones Lock up on service provider's modified Freeswitch
- (#464) VSP726A freezes when receiving hunt group call
- (#461) Question about BLF on Broadsoft
- (#455) VSP736A: locks up on Broadworks hunt group
- (#454) Auto provisioning some variables causes phone to stick in reboot cycle
- (#445) PSTN calls to group on Askozia PBX don't ring VTech phones
- (#444) VSP726A can't connect to Broadsoft directory
- (#441) Hide WebUI pages on Gen 2 models
- (#424) Gen 2 won't provision using PnP
- OPTIONS failover does not trigger SIP subscription
- Eliminate reboot requirement for DNS Query Options
- VSP601A: fix not show DND icon when other handsets' screen showing "Reset all login PW..."

#### 5. New Features Description

- Add parameter to enable/disable Lower key LED flashing notification  
Description: If both PFK pages have events at the same time, there is no way to indicate the current PFK page location since the lower key LED will always flash. Therefore a new parameter is introduced to fix this problem.

| Parameters                | Possible values | Defaults                   | Exportable |
|---------------------------|-----------------|----------------------------|------------|
| user_pref.pfk_page_notify | 0, 1            | VSP226A/726A/736A/861A - 0 | yes        |

When the parameter is set to 0, the Lower key indicator on  
- 1<sup>st</sup> page of PFK will always off  
- 2<sup>nd</sup> page of PFK will always on  
no matter the hidden page of PFK has event or not.



When the parameter is set to 1, the Lower key indicator on

- 1<sup>st</sup> page of PFK will be changed from off to flash

- 2<sup>nd</sup> page of PFK will be changed from on to flash

when there is an event on the hidden page of PFK.

There is a design limitation that the Lower key will always flash if both PFK pages have events at the same time.

- Add support to wireless deskset VSP608A firmware download (for VSP610A)

Description: VSP610A supports the firmware upgrade of wireless deskset on WebUI and provisioning.

Below shows the screen captures of automatic/manual firmware upgrade on WebUI.

### Firmware Server Settings

|                                     |   |
|-------------------------------------|---|
| Base Firmware URL:                  | <input type="text" value="http://fw.company.com"/>              |
|                                     | <input type="button" value="Update Base Firmware Now"/>         |
| Handset Firmware URL:               | <input type="text" value="http://fw.company.com"/>              |
| Installed Handset Firmware          | Not Available   |
|                                     | <input type="button" value="Install Handset Firmware Now"/>     |
| Cordless Deskset Firmware URL:      | <input type="text" value="http://fw.company.com"/>              |
| Installed Cordless Deskset Firmware | Not Available   |
|                                     | <input type="button" value="Install Cordless DS Firmware Now"/> |
| Server Authentication Name:         | <input type="text" value="admin"/>                              |
| Server Authentication Password:     | <input type="password" value="*****"/>                          |
|                                     | <input type="button" value="Save"/>                             |



## Manual Firmware Update Settings

Base File Name:

Handset File Name:

Installed Handset Firmware: Not Available

Cordless Deskset File Name:

Installed Cordless Deskset Firmware: Not Available

A new parameter is added for cordless deskset firmware upgrade.

| Parameters                                 | Possible values | Defaults | Access Right | Exportable |
|--|-----------------|----------|--------------|------------|
| provisioning.cordless_deskset_firmware_url | URI             | [blank]  | user,admin   | no         |

- BLF auto assignment  
 Description: This feature allows a phone to subscribe to a list of extensions for monitoring purpose with a single subscription. It automatically assigns or updates PFK as BLF with extensions on the list in sequence.

Here is the list of parameters for provisioning.

| Parameters                              | Possible values  | Defaults | Access Right | Exportable |
|---|--|----------|--------------|------------|
| sip_account.x.blf_auto_assign           | 0, 1   | 0        | admin        | yes        |
| sip_account.x.blf_auto_assign_start_key | VSP226A: 1-20<br>VSP716A: 1-2<br>VSP726A: 1-24<br>VSP736A: 1-32<br>VSP861A: 1-30 | 1        | admin        | yes        |





This feature can be enabled or disabled by setting the parameter “sip\_account.x.blf\_auto\_assign” to 1 or 0 respectively.

The parameter “sip\_account.x.blf\_auto\_assign\_start\_key” is used to control the range of keys being auto assigned.

Auto assignment will be triggered on the following 2 events:

- receive SIP NOTIFY containing the BLF list info
- PFK assignment WebUI, phone UI or provisioning.

Note:

- Starting from the value of “sip\_account.x.blf\_auto\_assign\_start\_key”, extensions will be assigned if the PFK is currently unassigned or assigned as a BLF key.
- For multiple accounts, assignment order will start with account 1 on all enabled accounts with BLF list subscription and auto assignment enabled. Assignment for the current account will follow the last assignment key position of the previous account unless the current account has a bigger value of “sip\_account.x.blf\_auto\_assign\_start\_key”.
- Extensions to be assigned should follow the order listed in the SIP NOTIFY packet.
- If it encounters an extension of its own, the assignment should skip that extension.
- Assignment will stop if it reaches the last PFK key.

- Support DECT Repeater VSP605A on VSP610A

Description: Following items are added for VSP610A to support DECT Repeater.

In WebUI, a Repeater Mode page is added in SYSTEM > Handset Settings. Click the check box to enable or disable the Repeater mode. The unit will reboot after the setting is changed.



**SYSTEM**

SIP Account Management

- Account 1
- Account 2
- Account 3
- Account 4
- Account 5
- Account 6

Call Settings

- Account 1
- Account 2
- Account 3
- Account 4
- Account 5
- Account 6

User Preferences

Handset Settings

- Account Assignments
- Repeater Mode**
- Handset Name

STATUS SYSTEM

### Repeater Mode

Enable Repeater Mode

Warning: Changing the repeater mode will reboot your device.

Save

A parameter is added for provisioning.

| Parameters                  | Possible values | Default | Access right | Exportable |
|-----------------------------|-----------------|---------|--------------|------------|
| system.repeater_mode_enable | 0, 1            | 1       | admin        | yes        |

- Support cordless headset VSP500A to answer the 2<sup>nd</sup> incoming call (call waiting)

Description: If a cordless headset is registered to the base station, this headset can answer the 2<sup>nd</sup> incoming call by long press the “Mute/Flash” button.

The 1<sup>st</sup> and 2<sup>nd</sup> call can be switched by long press the “Mute/Flash” button at any time.

Please note that due to the platform limitation, both 1<sup>st</sup> and 2<sup>nd</sup> calls will be dropped if “ON/OFF” key is pressed.

- Add XML Remote Phonebook destination port

Description: The port number can be added to the field “Remote XML URI” in WebUI and provisioning parameter in format “http://host:port”.



| Parameters          | Possible values        | Defaults |
|---------------------|------------------------|----------|
| remoteDir.xml.x.uri | URI (http://host:port) | [blank]  |

- Add Hold Reminder tone setting on cordless handset  
Description: On cordless handset, presses Menu > User Settings > Hold rem'd tone to enable or disable the hold reminder tone from handset earpiece or speaker.
- Add Intercom ringer setting on cordless handset  
Description: On handset Menu > User settings > Ringers, Intercom ringer volume and ring tone settings are added.

## 6. Optimisation Description

- (#551) Change default value of parameter -  
time\_date.daylight\_saving\_start\_hour  
Description: The default value of parameter time\_date.daylight\_saving\_start\_hour is changed from 2 to 1.
- Pre-install Trusted certificates  
Description: 4 trusted certificates are pre-installed in this sw version. They are:
  - Vtech Business Phone Intermediate CA
  - thawte Primary Root CA - G3
  - VeriSign Universal Root Certification Authority
  - DigiCert High Assurance EV Root CA

They can be found in WebUI - Configuration > Certificates > Trusted Certificates



## Trusted Certificate

Select All

| Total: 4                 | Issue to  | Issue by  | Expiration               | Protected                           |
|--------------------------|---|---|--------------------------|-------------------------------------|
| <input type="checkbox"/> | Vtech Business Phone Intermediate CA            | Vtech Business Phone Root CA                    | Feb 28 07:26:03 2036 GMT | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | thawte Primary Root CA - G3                     | thawte Primary Root CA - G3                     | Dec 1 23:59:59 2037 GMT  | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | VeriSign Universal Root Certification Authority | VeriSign Universal Root Certification Authority | Dec 1 23:59:59 2037 GMT  | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | DigiCert High Assurance EV Root CA              | DigiCert High Assurance EV Root CA              | Nov 10 00:00:00 2031 GMT | <input checked="" type="checkbox"/> |

Delete Selected Entries

Protect Selected Entries


- (#365) Change the splash screen when default passwords need to be changed


Description: The current alert message

“Reset all login PW if the default one is still in use” is changed to “Please change user/admin passwords to enhance security” (deskset) and “For security reason, pls edit User PW/Admin PW” (cordless handset).

The prompt will indicate whether the user, admin or both passwords are requested to be changed.

- Provide a VPN icon on LCD for status indication

Description: When the VPN is in use, icon  will be shown at the top of

LCD. If the VPN connection is failed, icon  will be shown.

- Unlock G.729 codec license



Description: As G.729 codec license has been expired, this codec license is unlocked for all models.

- Increase XML Remote Phonebook size

Description: The XML Remote Phonebook size is increased to 5000.

- Increase Alert-Info buffer size

Description: The Alert-Info buffer size is increased from 50 bytes to 255 bytes.

- Add indication of current handset in Deregistration menu of cordless handset

Description: A marking is added to the current handset in Deregistration menu.

For example: If the current handset is handset 1 then the screen will show

|         |     |
|---------|-----|
| Handset | **1 |
| Handset | 2   |



## **VTech SIP Phones Release Notes of Version 2.0.4.E**

### **1. Introduction**

- Firmware Version:
  - VSP716A: 2.0.3.2 upgrades to 2.0.4.E
  - VSP726A: 2.0.3.2 upgrades to 2.0.4.E
  - VSP736A: 2.0.3.2 upgrades to 2.0.4.E
  - VSP610A: 2.0.4.B upgrades to 2.0.4.E
  - VSP601A: 2.0.4.B upgrades to 2.0.4.C
- Applicable Models: VSP716A/726A/736A/610A/601A
- Release Date: 28 Dec 2016

### **2. New Features**

- Deskset – supports Local recording for cordless handset
- Deskset – supports Auto answer
- Add Transfer options to Quick Dial & BLF PFK/PHK during call active

### **3. Optimisation**

- VSP601A – update audio parameter values

### **4. Bug fixes**

- No audio Tx & Rx on Deskset while in a conference call
- No CID displayed after Direct Call Pickup with Barge-in
- VSP610A – Call Forward Busy cannot be invoked when handset has 2 calls already
- VSP610A – cannot store 200 call history entries
- Yeastar interop – SIP registration failure
- Yeastar interop - G.726 audio issue

### **5. New Features Description**

- Deskset – supports local recording for cordless headset



Description: When deskset is on a call using cordless headset, user can record the conversation by pressing “Record” softkey. The recording can be stopped by pressing “Stop” softkey or when the call is terminated.

- Deskset – supports Auto answer

Description: The Auto answer feature allows deskset to automatically answer incoming calls without any user intervention.

For WebUI, the setting of this feature is located in SYSTEM > Call Settings > Auto Answer. Here is the screen capture.

## Auto Answer

Enable Auto Answer

Auto Answer Delay (secs)

Enable Mute on Answer

Following provisioning parameters are added for this feature.

| Parameters   | Possible values | Defaults | Deskset UI page                   | Access Right | Exportable |
|--|-----------------|----------|-----------------------------------|--------------|------------|
| call_settings.accounts.x.unconditional_auto_answer_enable      | 0, 1            | 0        | Menu->Features->Call->Auto Answer | user,admin   | yes        |
| call_settings.accounts.x.unconditional_auto_answer_delay       | 0 - 30 secs     | 2        | Not available                     | user,admin   | yes        |
| call_settings.accounts.x.unconditional_auto_answer_mute_on_ans | 0, 1            | 0        | Not available                     | user,admin   | yes        |

- Add Transfer options to Quick Dial & BLF PFK/PHK during call active

Description: For Quick Transfer operation via Quick Dial or BLF keys, user can preset it is a “New Call”, “Blind Transfer” or “Attended Transfer”.

For WebUI, the setting of this feature is located in SYSTEM > User Preferences > Call Transfer. Here is the screen capture.



## Call Transfer

Quick Transfer via Programmable Keys

One provisioning parameter is added for this feature.

| Parameters               | Possible values           | Defaults | Deskset UI label                     | Access Right | Exportable |
|--------------------------|---------------------------|----------|--------------------------------------|--------------|------------|
| user_pref.quick_transfer | new_call, blind, attended | new_call | Quick Transfer via Programmable Keys | user,admin   | yes        |





## **VTech SIP Phones Release Notes of Version 2.0.4.B**

### **1. Introduction**

- Firmware Version:  
VSP610A: 2.0.4.B first release  
VSP601A: 2.0.4.B
- Applicable Models: VSP610A
- Release Date: 20 Oct 2016

### **2. New Features**

### **3. Optimisation**

### **4. Bug fixes**



## **VTech SIP Phones Release Notes of Version 2.0.3.2**

### **1. Introduction**

- Firmware Version:  
VSP716A: 1.1.1.0 first release  
VSP726A: 1.1.1.0 first release  
VSP736A: 1.1.1.0 first release
- Applicable Models: VSP716A/726A/736A
- Release Date: 15 Jul 2016

### **2. New Features**

### **3. Optimisation**

### **4. Bug fixes**