

Product Release Notice

ErisTerminal® 8.10.2.63 Firmware

ET605 / ET635 / ET685

Release Date: January 2019

This document contains the release notes for VTech ErisTerminal version 8.10.2.63.

This upgrade release, affecting the ET605, ET635, and ET685 SIP Desksets, includes significant enhancements. Therefore, users of previous ErisTerminal releases are encouraged to upgrade.

The following topics are detailed below.

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ET685 – Changes since version 8.10.1.25

Enhancements

With the release of 8.10.2.63, the following features have been added. Numbers in parentheses indicate VTech's internal tracking ticket number.

Support for Auto Line Key Assignment (#3012)

The new Auto Line Key Assignment feature is a mechanism to automatically configure function keys as Line keys without the need to manually configure for each function key.

The Auto Line Key Assignment feature automatically assigns function keys (or SmartLabel keys) as "Line" type for each enabled identity and number of keys required for each enabled account.

The start key position for auto line key assignment, and the number of keys to be assigned are configurable.

Keys will be assigned "Line" type with an identity enabled for auto line key assignment, starting with the first identity.

Keys currently assigned as "None" or "Line" can be auto assigned with the following exception: In Overwrite mode, all keys can be auto assigned, not just keys assigned as "None" or "Line".

After auto assignment is complete, any keys assigned as "Line" that were not auto assigned are set back to "None".

Auto assignment cannot go beyond the last available function key, including expansion modules. Any remaining auto assignments are discarded.

The following parameters are used to configure the Auto Line Key Assignment feature.

Parameter	Description	Possible Values	Default
fkey_line_auto_assignment_enable	Enables the Auto Line Key Assignment feature	on, off	off
fkey_line_auto_assignment_start	Starting key position for auto line key assignment	positive integer	1
fkey_line_auto_assignment_num_of_keys<idx>	Number of line keys required for each identity.	0 or a positive integer	1
fkey_auto_assignment_behavior	Auto line key assignment behavior (note that this setting is shared with Auto BLF assignment - see #3154).	skip, overwrite	skip

Auto assignment is triggered by any changes to the following configuration:

- Function Keys (or SmartLabel keys) assignment.
- Number of line keys required for each identity.
- Identity enabled/disabled.
- Auto assign setting.

Interactions - If auto assignment is enabled for both Line and BLF Server...

- "Line" keys are assigned before "BLF Server" keys.

- "Line" keys are allowed to overwrite "BLF Server" keys.

Enhance Auto BLF key assignment (#3154)

Updated the Auto BLF Assignment feature to improve it and make it more user friendly.

The Auto BLF Assignment feature automatically assigns function keys (or SmartLabel keys) as "BLF Server" type for each extension in list from server.

The start key position for auto assignment is configurable.

Keys will be auto assigned "BLF Server" type.

Keys currently assigned as "None" or "BLF Server" can be auto assigned with the following exception: In Overwrite mode, all keys can be auto assigned, not just keys assigned as "None" or "BLF Server".

Overwrite mode will save the Administrator from doing manual work to figure out the number of required extensions on the BLF list and having to pre-assign function keys with "BLF Server" before performing auto assignment.

The order of key assignment will match the order of extensions in list from server.

After auto assignment is complete, any keys assigned as "BLF Server" that were not auto assigned are set back to "None". This will eliminate the manual work required from the Administrator to properly clean up the key assignments.

Auto assignment cannot go beyond the last available function key, including expansion modules. Any remaining auto assignments are discarded.

The following parameters are used to configure the Auto BLF Assignment feature.

Parameter	Description	Possible Values	Default
fkey_blf_auto_assign_enable	Enables the Auto BLF Assignment feature	on, off	off
fkey_blf_auto_assign_start	Starting key position for auto BLF assignment	positive integer	1
fkey_auto_assign_behavior	Auto assignment behavior (note that this setting is shared with Auto Line Key Assignment - see #3012).	skip, overwrite	skip

Auto assignment is triggered by:

- Function Keys (or SmartLabel keys) assignment.
- New BLF List from server.
- Identity enabled/disabled.
- Auto assign setting.




Interactions - If auto key assignment is enabled for both Line and BLF Server...





- "Line" keys are assigned before "BLF Server" keys.
- "Line" keys are allowed to overwrite "BLF Server" keys.

Added BroadSoft Call Recording Controls (#445)

This feature enhances the interface between the BroadWorks Application Server (AS) and SIP endpoint devices, which allows users to initiate and control their call recording sessions from their IP phones.

The recording control options displayed at the SIP endpoint device are based on the recording mode assigned to the user:

- In the **Never** mode, recording is not enabled, and no recording options are presented to the user on the phone.
- In the **Always** mode, the call is recorded for the entirety of the call. No recording control functions are offered to the user on the phone.
- In the **Always with Pause/Resume Support** mode, call recording starts when the call is set up, and the phone provides a soft key to toggle between Pause Rec  and Resume Rec .
- In the **On Demand** mode, the user can control recording functions by pressing the Record  soft key, and then selecting an function on the screen:

- Start Recording 
- Pause Recording 
- Resume Recording 
- Stop Recording 

A new PUI menu, "Call Recording Mode", enables the phone user to set the recording control options. This menu Item can only be seen for the BroadSoft account.

PUI: Settings > Call Features > Call Recording Mode > select "Never / On demand / Always / Always with Pause&Resume"

Warm and Hot dialing feature (#1480)

When user goes offhook / presses speaker key / line key / number key:

- Warm Dialing: phone dials a predefined number after X seconds timeout
- Hot Dialing: phone dials a predefined number immediately

To enable warm/hot dialing, set values for **auto_dial** AND **auto_dial_target** parameters:

auto_dial:

- 1 or 2 for hot dialing
- 3 or higher for warm dialing

auto_dial_target: the predefined number to dial

You can also set these values from:

WUI: Advanced > Behavior > Auto Dial Timeout, Auto Dial Target

PUI: Settings > Call Features > Outgoing Calls > Auto Dial

Number of shared calls no longer restricted by the number of line keys (#2298)

Previously, a shared call cannot be established if all Line keys are in use. This makes it impossible to make a call if all Line keys are occupied by other extensions. The enhancement corrects this issue.

Added flexible seating feature – Guest Lock/Unlock (#2827)

In Hoteling Guest Mode, the Guest Lock feature can be used to prevent other users from taking over the host. When Guest Mode is locked, a numeric PIN has to be entered before the Guest Mode can be logged out. Applicable to VTech models: ET605, ET635, ET685.

To enable the Guest Lock feature:

- Hoteling must be enabled (parameter **hoteling** is set to "on").
- Configure a numeric PIN via the new parameter **hoteling_lockpin**. If this parameter is left blank, the Guest Lock feature is disabled.

Parameter	Possible values	Default	Exportable	WUI/PUI
hoteling_lockpin	String (max 20 digits) of digits '0' to '9'	blank	yes	not available

- In the WebUI Function Keys page, configure a Context-Sensitive key (soft key) with the new key event, **Guest Lock**.

To lock the guest mode, press the **Lock** Context-Sensitive key.


To unlock the guest mode, press the **Unlock** Context-Sensitive key, and enter the numeric PIN.




Display Voicemail information per SIP account (#2751)

A new Voice Mail Info page has been created. To display it, press a function key that is defined with the new key event, **Voicemail Info**.

The Voice Mail Info page displays a list of identities with old and/or new voicemail messages.

On color models, each line shows the number of new and old voicemail messages for the identity.

The  icon indicates the identity has at least one new voicemail message.

Press  or  on the navigation key to select an identity, then press  to call the voicemail access number for the selected identity.

New setting 'lldp_enable' to enable/disable LLDP (#1037)

Added the new parameter **lldp_enable** to enable/disable the LLDP feature.

If set to "off", the LLDP support is disabled entirely and is kept disabled especially after reboot.

Any change to the parameter's value will lead to a reboot, without any additional user interaction required (e.g. no: "Reboot?" question in display).

Enhancement to add BLF contacts to Contact Pool (#1192)

If subscribed, Broadsoft BLF list is available on the Contact Pool menu for convenient dial.

The new item will be listed as "Monitored Extensions." .


Pool	4:44PM
Directory	>
Missed	>
Received	>
Dialed	>
Monitored Extensions	>

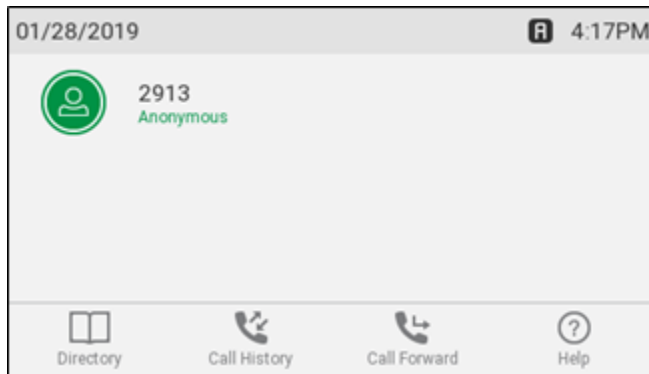
Monitored Extensions	4:44PM
John Miller 12404983971	Key 1
FullP2 7602996861	Key 2
Jane Smith 12404983975	Key 3
7602996862	Key 4

Function key support for BroadSoft XSI Caller ID blocking (#1287)

Enable the use of a function key for caller id blocking that indicates the state of the caller id blocking service. The function key acts as a toggle to turn caller ID blocking on or off. The function key applies to the currently selected identity.

When the user presses the "Anon ID" function key to turn on caller ID blocking:

- The LED light for the function key lights up.
- The titlebar shows an icon  indicating the user is doing anonymous calls.
- The account icon in the idle screen indicates caller id blocking is enabled.
- The subtext in the idle screen displays "Anonymous" colored in green.



The new function key can handle both server and local caller id blocking. The configuration is different for both cases:

If server_type = broadsoft and xsi_caller_id_blocking = on:

- WUI: Identity n > Features > Broadsoft Features (section) > Caller ID Blocking
- PUI: menu item: Call Features > Outgoing Calls > Caller ID Blocking
- WUI/PUI: Function key definition: key event "Caller ID Blocking"

Otherwise:

- WUI: Identity n > Features > Privacy Settings (section) > Suppress own number (CLIP/CLIR)
This setting, and its parameter privacy_out, is now Identity specific.
- PUI: menu item: Call Features > Outgoing Calls > Hide Outgoing ID
- WUI/PUI: Function key definition: key event "Hide Outgoing ID"

Display ACD state indication on soft key configured as ACD (#1640)

For a soft key configured for Automated Call Distribution (ACD), the soft key icon now changes to indicate the ACD state.

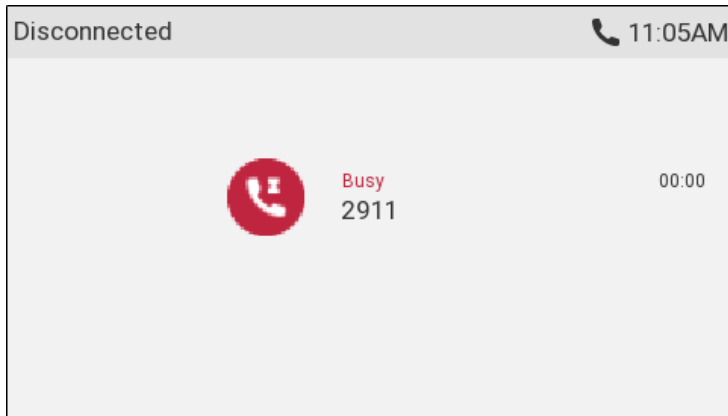
ACD State	Icon (color)
Available	
Unavailable	
Wrap Up	
Sign Out	
Sign In	

Enhanced call screen with proper "Busy" indication when an outgoing call is declined due to far end busy (#2251)

Instead of using the disconnected icon in the call terminated screen when a call was declined due to being busy, the phone now shows the busy icon.


The text "Busy" appears where "Disconnected" was written. the text is translated in other languages.

The text is displayed in red color, similar to the other call screens.



Improvements to Simultaneous Ring feature (#2270)

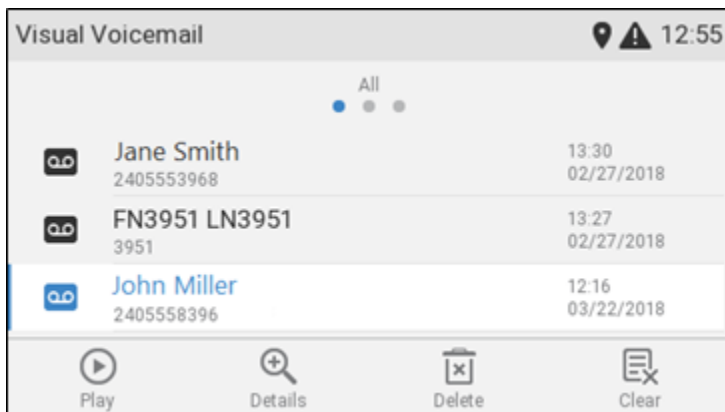
Simultaneous Ring icon to appear on title bar.

Simultaneous Ring icon  to show in top bar, and status to show in status info screen.


Simultaneous Ring icon/message to appear only if Simultaneous Ring is active (parameter xsi_simultaneous_ring is enabled AND server (BroadSoft) simultaneous ring is "On").

New feature – XSI Visual Voicemail (#717, #2266, #2363, #2993)

Added a new feature to enable users to see and play voicemail messages via a list.



Each message shows the caller's name, number, and date/time of the message.

New (unplayed) messages are indicated by the .

On this list, you can:

- Change the list display between All / New / Read.
- Select a message.
- Delete the selected message or all messages.
- Play the selected message.
- Dial the number of the caller.

Replace bootup logo from U-Boot (#2870)

Phone will now boot up first with a clock image, followed by a VTech logo.

VTech logo can be customized for any branding purpose.



Other enhancements

Description	Reference
ADD - Display of XML Label information on the Web interface	#937
UPD - BroadSoft / VF - XMPP - Picture of contact should be seen in call scenarios	#1281
ADD - auto reboot after VLAN parameter has been reconfigured	#1954
ADD - contacts presence state in the Call history	#2314
ADD - specifiable background color for unselected item in the list	#2212
ADD - WiFi Dongle support	#2247
UPD - Remove legacy support for WiFi Ethernet bridge	#2552
ADD - Support for Retry-After value in REGISTER response	#456
ADD - Introduce XMPP manual presence	#2263
UPD - BroadSoft Hoteling	#2454
ADD - OPUS codec selection	#2543
UPD - Improvement on LDAP search filter capability. For changes in filter usage, please refer to http://wiki.snom.com/Category:HowTo:Directory:LDAP#Configuration	#935
ADD - Sync names in server call lists with local phone book	#2617
ADD - Trigger tbook sync after updating server address book	#2771
ADD - support for configuring Broadsoft XSI heartbeat interval	#1385
ADD - support for blind transfer target with Action URL for blind transfer	#1399
ADD - Broadsoft XMPP, the Possibility to dial into MyRoom of a contact	#1683
ADD - support for customizing screen elements color via phone UI	#2011

Description	Reference
ADD - Display of XML Label information on the Web interface	#937
UPD - auto adjust transparency of color items when custom image is loaded	#2024
UPD - Use a static icon for new notification with "Info" instead of blinking	#2121
UPD - Removed "Call Agent" key type. "ACD" key type serves the same purpose.	#2151
UPD - Enhanced to allow Details soft key on Status Info screen to shortcut to the feature page associated to the highlighted message.	#2185
ADD - Display MeetMe conference participants	#2262
ADD - the ability to download Metaswitch server directory into the local directory	#2292
UPD - UI improved to explicitly list out the sort option for Call History	#2418
UPD - WebUI preference settings have been modified into three tabs: Audio, Visual, Behaviour	#2686
UPD - Settings user_idle_text and user_idle_number are now also applied to call screens	#2769
UPD - Hardcoded TLS server authentication & check_fqdn_against_server_cert=on per default	#2942
ADD - Broadsoft Visual Voicemail - Allow Audio Switching without stopping the Playback	#2993
ADD - consult conference key type to allow user to establish conference on any call connected screen	#3013
UPD - Removed host portion of Broadsoft XSI contacts before any save to local directory or call history for contact look up	#3026
UPD - Improved performance when accessing & browsing the Broadsoft server address book and the central call history	#3064
ADD - Enable support for iLBC codec.	#3075
UPD - performance improvement optimize image caching	#3115
UPD -Performance improvement to load local directory with max number of entries	#3124
ADD - Add Croatian PUI language	#3182
UPD - Minimized default codec_priority_list for compact SDP message	#3184
ADD - allow saving tftp://[IP] as the setting_server uri.	#777
UPD - Demo mode has been temporarily removed.	#2872

Bug Fixes

Description	Reference
FIX - Fkey Background is not moved to the correct position when text description is turned off	#2556
FIX - directory table presentation in WebUI after delete all	#2561
FIX - BroadSoft Directory groups when empty from not being updated	#2232
FIX - wrong record being shown in detail after call history is sorted	#2293
FIX - bug where call icon is showing incorrect state color.	#2602
FIX - Fixed icon indication for XMPP state when presence is offline and when info is not available	#2192
FIX - Assign xmpp contact to function key via long key press	#2614
Fixed incorrect date in call lists history	#2698
Expansion Module Font size change was not being applied	#2735
Fixed an issue where Expansion Module tile mode reverting to line after reboot	#2759
FIX - call status not showing in the status bar when show_call_status = on	#1735
FIX - Do not send LLDP-MED Network Policy Defined unless we have one	#2548
FIX - an issue where the device displayed the status message in unwanted screens (the settings menu).	#2825
FIX - issue where Expansion Module label text containing line break would take up more space than available, and overlap into other labels. Now, if the creates more lines than can be displayed, the extra lines are dropped. An ellipsis appears on its own line if there is room.	#2758
FIX - issue where the Context-Sensitive keys from a previous screen can be pressed in the Calling screen.	#2802
FIX - an issue where every incoming call uses the active identity, and its associated settings.	#2929
FIX -Removed expired root CA certificates.	#2931
FIX - an issue where the WebUI Preferences page was not rendered correctly in Firefox. Provides better browser compatibility.	N/A
FIX - 'Contact saved!' message may reappear after adding contact	#2943
FIX - Server Directory fetch not showing contact properly	#2940
FIX - when viewing Broadsoft XSI call history the latest record is not highlighted	#1064
FIX - pressing the Presence softkey (softkey 4) while in status info opens empty list	#1630
FIX - issue where DNS NAPTR provided transport protocol was used, no matter what was specified for outbound proxy	#1173
FIX - issue where backlight can be turned on by background provisioning activities	#2119
FIX - Speed Dial is missing Icon and Label when configured on fourth softkey	#2155
FIX - Due to a variety of bugs Birthday field is now hidden from local Contacts	#2178

Description	Reference
FIX - issue where Action URL content cannot be saved probably if '&' and '=' characters are encountered.	#2320
FIX - LLDP-MED policy bit handling	#2548
FIX - issue where Available (at desk) Icon not shown for BroadSoft account	#2616
FIX - Call screen shows errors when ringer animation is off	#2618
FIX - support for character ":" in challenge nonce was missing, RFC 7616	#2688
FIX - SIP PAI header contained in second re-INVITE was ignored	#2712
FIX - undefine entry showing up in deskset smart transfer feature setting	#2742
FIX - failover to DNS SRV entries with lower priority failed	#2932
FIX - fake incoming network traffic from impacting re-registration	#2933
FIX - memory leak in XSI contact manager when download interval set to 60 secs or less	#2975
FIX - reverse number lookup from Local Directory failed in certain cases	#2982
FIX - Visual Voicemail summaries are displayed in incorrect order	#2991
FIX - Call History displays incorrect call start time when Call Log comes from XSI Server.	#3000
FIX - issue where Function key type field "Speed Dial" is not shown correctly on the phone menu	#3006
FIX - issue where Broadsoft XSI directory download may cause reboot	#3008
FIX - performance of switching pages in the Call History has been improved	#3009
FIX - Wrong Display Text using SIP Diversion Header Field'	#301
FIX - pending XSI requests were discarded prematurely	#3031
FIX - Contact Photos are not properly displayed in call	#3044
FIX - removal of duplicated list names in call history	#3055
FIX - DND and CFWD show incorrect visual behavior on context-sensitive key 4 when a Status Info Message is present	#3060
FIX - Headset Icon was incorrectly appearing in title in certain situations	#3065
FIX - Show correct Safe Transfer icon and text	#3067
FIX - issue where custom language gets defaulted after reboot	#3078
FIX - issue where '%' cannot be used as SIP credential password field	#3086
FIX - issue where only one way audio is established when stk_user_media_transport_offer is set to tcp	#3087
FIX - issue where user cannot navigate to some function key pages when the phone is in user mode	#3101
FIX - issue where Caller Info on transferor is not updated according to PAI after call is transferred	#3114

Description	Reference
FIX - Refresh display content on language change	#3121
FIX - TLS SNI was sent dependent on check_fqdn_against_server_cert & tls_server_authentication	#3174
FIX - Firmware timeout with slow speed network doesn't update	#867
FIX - Press CANCEL key is inactive after set logon wizard to off	#3255
FIX - issue where outgoing calls the call-picture (user_pic provided in Call-Info header received with 180 and 200) was not shown	#1355
FIX - No cursor in input field if directory search is empty	#2898
FIX - Outgoing multicast page audio can be heard on far end connected party	#3042

ET605, ET635 – Changes since version 8.10.1.32

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In Hoteling Guest Mode, the Guest Lock feature can be used to prevent other users from taking over the host. When Guest Mode is locked, a numeric PIN has to be entered before the Guest Mode can be logged out. Applicable to VTech models: ET605, ET635, ET685.

To enable the Guest Lock feature:

- Hoteling must be enabled (parameter **hoteling** is set to "on").
- Configure a numeric PIN via the new parameter **hoteling_lockpin**. If this parameter is left blank, the Guest Lock feature is disabled.

Parameter	Possible values	Default	Exportable	WUI/PUI
hoteling_lockpin	String (max 20 digits) of digits '0' to '9'	blank	yes	not available

- In the WebUI Function Keys page, configure a Context-Sensitive key (soft key) with the new key event, **Guest Lock**.

To lock the guest mode, press the **Lock** Context-Sensitive key.

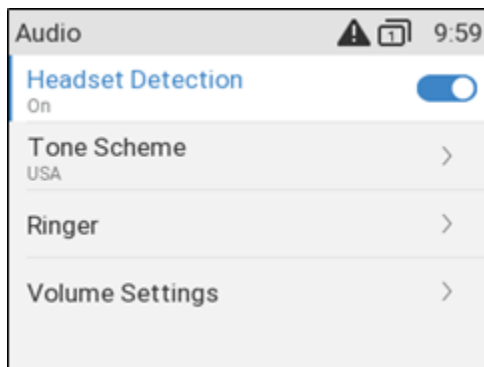
To unlock the guest mode, press the **Unlock** Context-Sensitive key, and enter the numeric PIN.

Configurable headset detection (#2033)

New feature enables the phone to detect if a headset is connected. If enabled, the phone displays an information message if the user presses the headset key or soft key when there is no headset detected.



The phone user can enable or disable headset detection by changing a setting in the Phone User Interface (PUI), or by changing the parameter **headset_available_detect**.

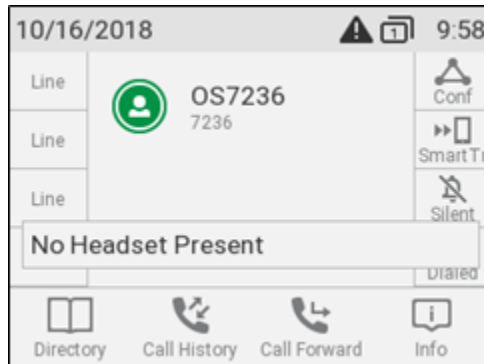
PUI: Settings > Preferences > Audio > Headset Detection



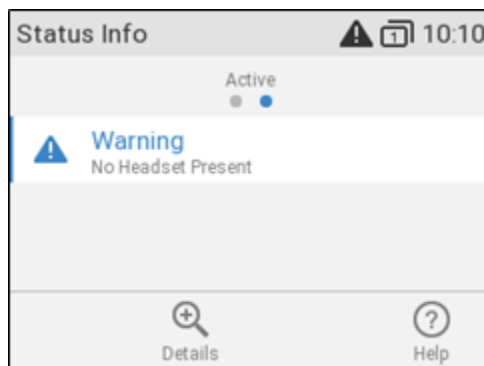
Parameter	Possible values	Default	Exportable	WUI/PUI
headset_availability_detect	On, Off	On	Yes	WUI: not available PUI: Settings > Preferences > Audio > Headset Detection



If Headset Detection is set to "On":

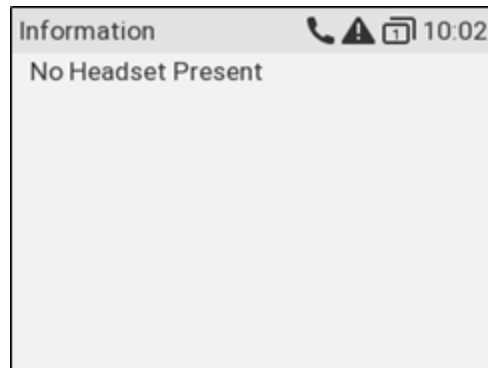
- When the user presses the Headset key  or headset soft key during idle state:
 - The Headset key LED is off, and the Headset Icon  is not displayed on the info bar of the phone screen.
 - The phone displays the "No Headset Present" infobox message. This message disappears after 3 seconds.



- The Status Info screen (Settings > Information > Status Info) shows a "No Headset Present" warning.





- When the user answers a call by pressing the Headset key  or headset soft key:
 - The Headset key LED is off, and the Headset Icon  is not displayed on the Info bar of the phone screen.
 - The phone displays the information message "No Headset Present." This message disappears after a few seconds.



If Headset Detection is set to "Off":

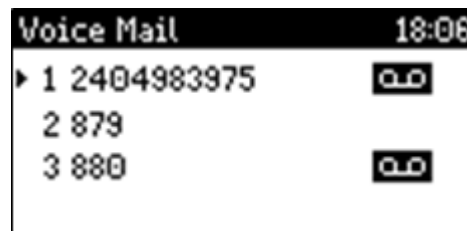
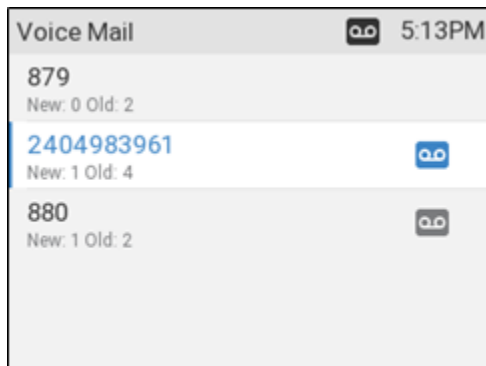
This is the previous phone behavior before the headset detection feature was added.

- When the user presses the Headset key  or headset soft key during idle state:
 - The Headset key LED is on, and the Headset Icon  is displayed on the Info bar of the phone screen.
 - Audio can be heard through the headset.


Display Voicemail information per SIP account (#2751)




A new Voice Mail Info page has been created. To display it, press a function key that is defined with the new key event, Voicemail Info.

The Voice Mail Info page displays a list of identities with old and/or new voicemail messages.



On color models, each line shows the number of new and old voicemail messages for the identity.

The  icon indicates the identity has at least one new voicemail message.

Press  or  on the navigation key to select an identity, then press  to call the voicemail access number for the selected identity.

New setting 'lldp_enable' to enable/disable LLDP (#1037)

Added the new parameter **lldp_enable** to enable/disable the LLDP feature.

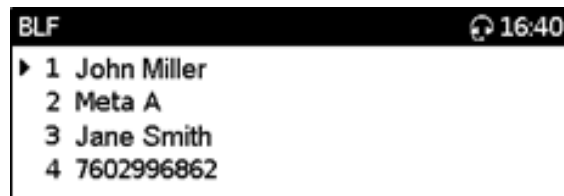
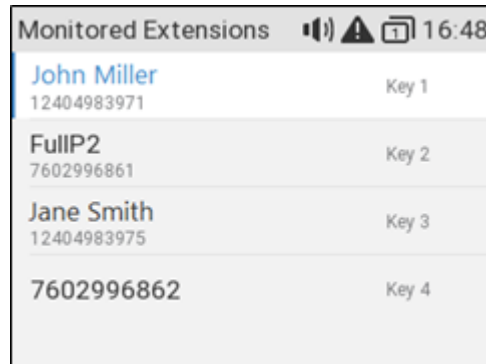
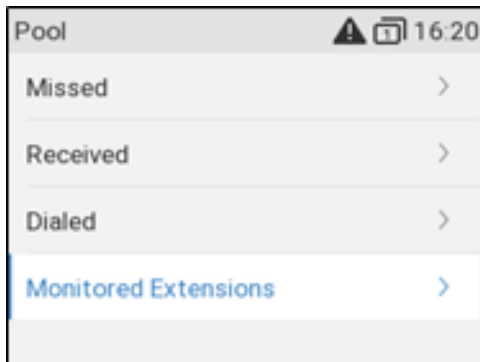
If set to "off", the LLDP support is disabled entirely and is kept disabled especially after reboot.

Any change to the parameter's value will lead to a reboot, without any additional user interaction required (e.g. no: "Reboot?" question in display).

Enhancement to add BLF contacts to Contact Pool (#1192)

If subscribed, Broadsoft BLF list is available on the Contact Pool menu for convenient dial.

The new item will be listed as "Monitored Extensions" for color models, but listed as "BLF" for monochrome models.

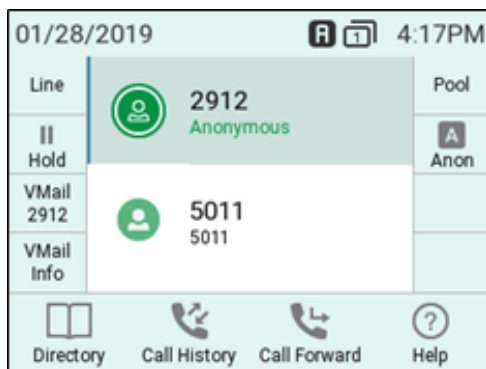


Function key support for BroadSoft XSI Caller ID blocking (#1287)

Enable the use of a function key for caller id blocking that indicates the state of the caller id blocking service. The function key acts as a toggle to turn caller ID blocking on or off. The function key applies to the currently selected identity.

When the user presses the "Anon ID" function key to turn on caller ID blocking:

- The LED light for the function key lights up.
- The titlebar shows an icon **A** indicating the user is doing anonymous calls.
- The account icon in the idle screen indicates caller id blocking is enabled.
- The subtext in the idle screen displays "Anonymous" colored in green.



The new function key can handle both server and local caller id blocking. The configuration is different for both cases:

If server_type = broadsoft and xsi_caller_id_blocking = on:











- WUI: Identity n > Features > Broadsoft Features (section) > Caller ID Blocking
- PUI: menu item: Call Features > Outgoing Calls > Caller ID Blocking
- WUI/PUI: Function key definition: key event "Caller ID Blocking"

Otherwise:

- WUI: Identity n > Features > Privacy Settings (section) > Suppress own number (CLIP/CLIR)
This setting, and its parameter privacy_out, is now Identity specific.
- PUI: menu item: Call Features > Outgoing Calls > Hide Outgoing ID
- WUI/PUI: Function key definition: key event "Hide Outgoing ID"

Display ACD state indication on soft key configured as ACD (#1640)

For a soft key configured for Automated Call Distribution (ACD), the soft key icon now changes to indicate the ACD state.

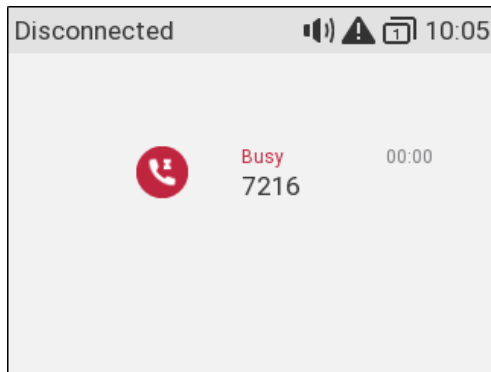
ACD State	Icon (b/w)	Icon (color)
Available		
Unavailable		
Wrap Up		
Sign Out		
Sign In		

Enhanced call screen with proper "Busy" indication when an outgoing call is declined due to far end busy (#2251)

For color models: Instead of using the disconnected icon in the call terminated screen when a call was declined due to being busy, the phone now shows the busy icon.

The text "Busy" appears where "Disconnected" was written. the text is translated in other languages.

The text is displayed in red color, similar to the other call screens.




For monochrome models: If a call was declined due to being busy, the Disconnected screen now shows the text "Busy."





Improvements to Simultaneous Ring feature (#2270)

Simultaneous Ring icon to appear on title bar.

Simultaneous Ring icon  to show in top bar, and status to show in status info screen.

Simultaneous Ring icon/message to appear only if Simultaneous Ring is active (parameter `xsi_simultaneous_ring` is enabled AND server (BroadSoft) simultaneous ring is "On").

SmartLabel headset key to indicate Headset on/off state (#2408)

The SmartLabel icon for keyevent "headset" now indicates if the headset is on  (blue icon) or off  (grey icon). The full label mode also displays the text "Headset on" or "Headset off".


Added the ability to hide "disabled" SmartLabel Key pages (#2570)

If enabled by the new parameter `smartlabel_hide_disabled_page`, the phone will not display disabled SmartLabel key pages.

A Smartlabel key page is considered as disabled if all function keys within that page are assigned with **Type** = "None". Any one key within an individual SmartLabel key page assigned with any **Type** other than "None" is considered as an enabled page.

The default values of the keys on SmartLabel key pages 2 to 4 (fkey idx 8 to 31) are set to "None".

It is possible to have non-consecutive Smartlabel key enabled pages, and the first enabled Smartlabel key page does not have to page 1.

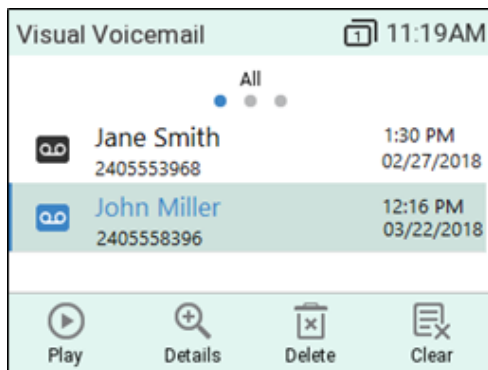
The page icon  is only visible if more than one SmartLabel key page is enabled.

The following new parameter has been added to control the display of disabled SmartLabel pages:


Parameter	Possible values	Default	Exportable	WUI/PUI
smartlabel_hide_disabled_page	<p>On = The phone will NOT display SmartLabel pages that are disabled.</p> <p>A SmartLabel page is disabled when all of the keys on the page are set to Type = "None".</p> <p>Off = The phone will display SmartLabel pages that are disabled.</p>	On	Yes	Not available

New feature – XSI Visual Voicemail (#717, #2266, #2363, #2993)

Added a new feature to enable users to see and play voicemail messages via a list.



Each message shows the caller's name, number, and date/time of the message.

New (unplayed) messages are indicated by the  icon.

On this list, you can:

- Change the list display between All / Old / New.
- Select a message.
- Delete the selected message or all messages.
- Play the selected message.
- Dial the number of the caller.

Replace bootup logo from U-Boot (#2870)

Phone will now boot up first with a clock image, followed by a VTech logo.

VTech logo can be customized for any branding purpose.





Other enhancements

Description	Reference
UPD - Improvement on LDAP search filter capability. For changes in filter usage, please refer to http://wiki.snom.com/Category:HowTo:Directory:LDAP#Configuration	#935
ADD - Display of XML Label information on the Web interface	#937
ADD - Jump, Play and Stop Icons to the Ringer Menu on ET605	#1793
ADD - Sync names in server call lists with local phone book	#2617
ADD - Trigger tbook sync after updating server address book	#2771
ADD - support for configuring Broadsoft XSI heartbeat interval	#1385
ADD - support for blind transfer target with Action URL for blind transfer	#1399
ADD - Broadsoft XMPP, the Possibility to dial into MyRoom of a contact	#1683
ADD - support for customizing screen elements color via phone UI	#2011
UPD - auto adjust transparency of color items when custom image is loaded	#2024
UPD - Use a static icon for new notification with "Info" instead of blinking	#2121
UPD - Removed "Call Agent" key type. "ACD" key type serves the same purpose.	#2151
FIX - Speed Dial is missing Icon and Label when configured on fourth softkey	#2155
UPD - Enhanced to allow Details soft key on Status Info screen to shortcut to the feature page associated to the highlighted message.	#2185
ADD - Display MeetMe conference participants	#2262
ADD - contact presence to SmartLabel keys	#2394
ADD - SmartLabel handling for Key Type "UserInputAndSendSipInfo" (send sip info)	#2672, #2674
UPD - Enhance Multicast Zone & Multicast Page SmartLabel display	#2417
UPD - UI improved to explicitly list out the sort option for Call History	#2418
UPD - "Next Page" and "Previous Page" SmartLabel display	#2661
ADD - SmartLabel handling for Key Type "Logoff Identities" as per specifications.	#2662
UPD - update "Park Orbit" SmartLabel display operation	#2663
UPD - improve overall audio performance	#2685, #2812

Description	Reference
UPD - WebUI preference settings have been modified into three tabs: Audio, Visual, Behaviour	#2686
UPD - Settings user_idle_text and user_idle_number are now also applied to call screens	#2769
UPD - Reduce over-sized default text display in dynamic label - Retrieve	#2774
UPD - Hardcoded TLS server authentication & check_fqdn_against_server_cert=on per default	#2942
ADD - Broadsoft Visual Voicemail - Allow Audio Switching without stopping the Playback	#2993
ADD - consult conference key type to allow user to establish conference on any call connected screen	#3013
UPD - Removed host portion of Broadsoft XSI contacts before any save to local directory or call history for contact look up	#3026
UPD - Improved performance when accessing & browsing the Broadsoft server address book and the central call history	#3064
ADD - Enable support for iLBC codec.	#3075
UPD - performance improvement optimize image caching	#3115
UPD - Minimized default codec_priority_list for compact SDP message	#3184
UPD -Performance improvement to load local directory with max number of entries	#3124
ADD - allow saving tftp://[IP] as the setting_server uri.	#777
UPD - Demo mode has been temporarily removed.	#2872

Bug Fixes

Description	Reference
FIX - issue where SmartLabels were not cleared from the screen smoothly when changing display from the Idle screen to the Call History screen.	#2768
FIX - issue where the phone may fail to load background image after reboot.	#2780

Description	Reference
FIX - issue where phone display becomes completely dark after setting "Backlight on activity" to minimum (value 3).	#2655
FIX - issue where Info box overlapped into the short label mode.	#2842
FIX - issue where the device displayed the status message in screens other than idle	#2825
FIX - issue where Updated SmartLabel dismiss timeout was not deactivate when parameter smartlabel_dismiss_timeout is set to zero.	#2830
FIX - Assign xmpp contact to function key via long key press	#2614
FIX - issue where Expansion Module label text containing line break would not be displayed correctly	#2758
FIX - issue where the Context-Sensitive keys from a previous screen can be pressed in the Calling screen.	#2802
FIX - an issue where every incoming call uses the active identity, and its associated settings.	#2929
FIX -Removed expired root CA certificates.	#2931
FIX - an issue where the WebUI Preferences page was not rendered correctly in Firefox. Provides better browser compatibility.	N/A
FIX - issue where full smart label does not clear to allow for other function screens to activate	#2436
FIX - issue inconsistent short SmartLabel behavior in call screens	#2821
FIX - issue where the PUI Fkey configuration was showing empty entries for keyevent keys.	#2518
FIX - default text for the SmartLabel key "Delete Message" for both short label and full label.	#2659
FIX - issue where inactive info box messages were not cleared from the SmartLabels and/or the main part of the screen.	#2573
FIX - issue where SmartLabel dismissal timeout was not working after pressing the "Page" key while in alternative display mode.	#2714
FIX - issue where the SmartLabel page icon  would switch position between right and left of the warning icon  in the Infobar.	#2715
FIX - issue where a 3-way conference call participant preforms a blind transfer causing absences of audio with one of the original participants.	#2864
FIX - issue where SmartTransfer short label was sometimes not shown.	#2837
FIX - 'Contact saved!' message may reappear after adding contact	#2943
FIX - issue where DNS NAPTR provided transport protocol was used, no matter what was specified for outbound proxy	#1173
FIX - Server Directory fetch not showing contact properly	#2940

Description	Reference
FIX – issue where long smart label text auto would auto wrap to the 2nd line	#2894
FIX – when viewing Broadsoft XSI call history the latest record is not highlighted	#1064
FIX - pressing the Presence softkey (softkey 4) while in status info opens empty list	#1630
FIX - issue where backlight can be turned on by background provisioning activities	#2119
FIX – Due to a variety of bugs Birthday field is now hidden from local Contacts	#2178
FIX - issue where Action URL content cannot be saved probably if '&' and '=' characters are encountered.	#2320
FIX - issue where Available (at desk) Icon not shown for BroadSoft account	#2616
FIX - Call screen shows errors when ringer animation is off	#2618
FIX – Replace hold icon	#2660
FIX - support for character ":" in challenge nonce was missing, RFC 7616	#2688
FIX - SIP PAI header contained in second re-INVITE was ignored	#2712
FIX – undefine entry showing up in deskset smart transfer feature setting	#2742
FIX - Call Completion screens not fitting well with SmartLabel	#2798
FIX - issue where volume dialog poorly interacts with full SmartLabel display	#2831
FIX – absence of TX and RX audio after playing ringer tone during an active call	#2873
FIX - issue where identity change does not get reflected on screen when full SmartLabel is on	#2922
FIX - failover to DNS SRV entries with lower priority failed	#2932
FIX - fake incoming network traffic from impacting re-registration	#2933
FIX - Doesn't show SmartLabel when play the ringer via WUI.	#2970
FIX - memory leak in XSI contact manager when download interval set to 60 secs or less	#2975
FIX – Slow Memory leak when continuous stressed with unanswered incoming call (2800 calls per day)	#2976
FIX - Smart Label is not dismissed by call waiting event	#2978
FIX - Opening the address book was too slow with 1000 entries	#2981
FIX - reverse number lookup from Local Directory failed in certain cases	#2982
FIX – Visual Voicemail summaries are displayed in incorrect order	#2991
FIX - Call History displays incorrect call start time when Call Log comes from XSI Server.	#3000
FIX - issue where speed dial soft key custom label text is wrongly shown on screens other than Idle screen	#3004
FIX - issue where Function key type field "Speed Dial" is not shown correctly on the ET605 phone menu	#3006

Description	Reference
FIX - issue where Broadsoft XSI directory download may cause reboot	#3008
FIX - performance of switching pages in the Call History has been improved	#3009
FIX - Wrong Display Text using SIP Diversion Header Field'	#301
FIX - pending XSI requests were discarded prematurely	#3031
FIX - Contact Photos are not properly displayed in call	#3044
FIX - VF DE: BSFT - PUI: remove wrongly translated and	#3055
FIX - DND and CFWD show incorrect visual behavior on context-sensitive key 4 when a Status Info Message is present	#3060
FIX - Display of headset icon under settings menu	#3065
FIX - Show correct Safe Transfer icon and text	#3067
FIX - issue where custom language gets defaulted after reboot	#3078
FIX - issue where '%' cannot be used as SIP credential password field	#3086
FIX - issue where only one way audio is established when stk_user_media_transport_offer is set to tcp	#3087
FIX - issue where user cannot navigate to some function key pages when the phone is in user mode	#3101
FIX - issue where Caller Info on transferor is not updated according to PAI after call is transferred	#3114
FIX - Refresh display content on language change	#3121
FIX - TLS SNI was sent dependent on check_fqdn_against_server_cert & tls_server_authentication	#3174
ADD - Support for Retry-After value in REGISTER response	#456
FIX - Firmware timeout with slow speed network doesn't update	#867
FIX - Press CANCEL key is inactive after set logon wizard to off	#3255
FIX - issue where outgoing calls the call-picture (user_pic provided in Call-Info header received with 180 and 200) was not shown	#1355
FIX - No cursor in input field if directory search is empty	#2898
FIX - minor text alignment issues with SmartLabel	#2838
FIX - Outgoing multicast page audio can be heard on far end connected party	#3042

How to upgrade

Please refer to the Administrator and Provisioning Manual for your ErisTerminal product, available at: <https://businessphones.vtech.com/support/downloads>.

Version compatibility

Version 8.10.2.63 is compatible with previous versions.

Manuals

For more information on the features described in this document, please reference the manuals and technical documents located here: <https://businessphones.vtech.com/support/downloads>

Product support

For additional questions, please contact the VTech Business Phones team. Contact information is available here: <http://businessphones.vtech.com/support/contact-us>