

Mitel 6800 Series SIP Phones

RN-001039-01 REV04

4.1.0 SERVICE PACK 2 RELEASE NOTES

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Mitel 6800 Series SIP Phones 4.1.0 SP2 Release Notes

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ABOUT THIS DOCUMENT

This document provides details on new features and/or issues resolved for the Mitel 6800 series (6863i, 6865i, 6867i, and 6869i) SIP phones for Release 4.1.0 Service Pack (SP) 2.



Note: This release applies to the phone models mentioned above only.

For more detailed information about features associated with each phone, and for information on how to use the phones, see your model-specific *SIP Phone Installation Guide* and the *SIP Phone User Guide*. For detailed information about more advanced features, see the *6800 Series SIP Phones Administrator Guide* and/or the *Development Guide XML API For Mitel SIP Phones*.

RELEASE NOTES TOPICS

Topics in these release notes include:

- General Information
- New Features in Release 4.1.0 SP2
- Additional Information
- Issues Resolved in Release 4.1.0 SP2
- Contacting Mitel Support

GENERAL INFORMATION

RELEASE CONTENT INFORMATION

This document provides release content information on the Mitel 6800 series SIP phone firmware.

MODEL	RELEASE NAME	RELEASE VERSION	RELEASE FILENAME	RELEASE DATE
6863i	Generic SIP	4.1.0 SP2	FC-001429-01 REV04	December 2015
6865i	Generic SIP	4.1.0 SP2	FC-001430-01 REV04	December 2015
6867i	Generic SIP	4.1.0 SP2	FC-001431-01 REV04	December 2015
6869i	Generic SIP	4.1.0 SP2	FC-001432-01 REV04	December 2015

HARDWARE SUPPORTED

This release of firmware is compatible with the following Mitel SIP portfolio products:

- 6863i
- 6865i
- 6867i
- 6869i

BOOTLOADER REQUIREMENTS

This release of firmware is compatible with the following Mitel SIP portfolio product bootloader versions:

- 6863i: Boot2 1.0.0.0 or higher
- 6865i: Boot2 1.0.0.0 or higher
- 6867i: Boot2 1.0.0.6 or higher
- 6869i: Boot2 1.0.0.6 or higher

NEW FEATURES IN RELEASE 4.1.0 SP2

This section provides the new features in SIP Phone Release 4.1.0 SP2. The following table summarizes each new feature and provides a link to more information within this release note. Each feature also specifies whether it affects the Administrator, the User, or the XML Developer.

This table may also provide the documentation location of features that have already been documented in Mitel’s documentation suite. Refer to those documents for more information about the applicable feature.

FEATURE	DESCRIPTION
Configuration Features	
Symantec Class 3 Secure Server CA - G4 Intermediate CA Certificate Support	With Release 4.1.0 SP2, the SIP phones now support the validation of the Symantec Class 3 Secure Server CA - G4 intermediate CA certificate.
(For Administrators)	*New for all phones.
Configurable Key Positioning of BLF/List Targets	Starting with Release 4.1.0 SP2, Administrators and users can now manually configure the programmable key/softkey positioning of BLF/List targets on their phones. In addition to allowing users the ability to control the key placement of the BLF/List targets, this feature also ensures the order of targets does not shift due to lost or partially received BLF/List NOTIFY data packets.
(For Administrators and Users)	*New for the 6865i, 6867i, and 6869i.
Configurable Removal of the “Drop” Softkey	With Release 4.1.0 SP2, administrators now have the ability to globally remove the contextual Drop softkey that is displayed when on any active call.
(For Administrators)	*New for the 6867i and 6869i.
BLF Action URI Feature	The Action URI feature in Release 4.1.0 SP2 has been expanded to support BLF XML events. With the BLF Action URI feature enabled, when a configured BLF or BLF/Xfer key is pressed, the phone checks to see if the event has an Action URI configured. If the phones finds a URI defined, any variables configured are replaced with the value of the appropriate variable. After all of the variables are bound, the phone executes an HTTP GET on the URI.
(For Administrators)	*New for the 6865i, 6867i, and 6869i.
User Agent Computer Supported Telecommunications Applications (uaCSTA) Support	uaCSTA support is now available for the phones in Release 4.1.0 SP2. uaCSTA refers to the mechanism of transporting CSTA XML messages over a SIP session allowing for compatibility with SIP phone user agents.
(For Administrators)	*New for all phones.

FEATURE	DESCRIPTION
SIP Features	
<p data-bbox="380 294 763 367">BroadSoft BroadWorks Xsi SIP Authentication</p> <p data-bbox="380 399 763 441">(For Administrators)</p>	<p data-bbox="763 294 1472 535">Starting with Release 4.1.0 SP2, authentication can now be automated by using the user’s SIP credentials. By enabling the “xsi allow sip authentication” parameter and defining the “sip xsi user name”, the phone will send the configured BroadWorks Xsi user name along with the SIP authentication user name and password to authenticate the Xsi account. Users will not need to manually enter a separate user name or password to use the Xsi-related features and services.</p> <p data-bbox="763 577 1472 619">*New for all phones.</p>
XML Features	
<p data-bbox="380 665 763 735">Addition of AastraIPPhoneExecute “Launch” XML Commands</p> <p data-bbox="380 766 763 808">(For XML Developers)</p>	<p data-bbox="763 665 1472 735">The following new commands for the AastraIPPhoneExecute object have been implemented in Release 4.1.0 SP2:</p> <ul data-bbox="763 735 1472 882" style="list-style-type: none"> <li data-bbox="763 735 1472 766">• LaunchDirectory <li data-bbox="763 766 1472 798">• LaunchCallersList <li data-bbox="763 798 1472 829">• LaunchRedialList <li data-bbox="763 829 1472 882">• LaunchServices (6863i/6865i only) <p data-bbox="763 882 1472 945">For more information, refer to the <i>Development Guide, XML API for Mitel SIP Phones</i>.</p> <p data-bbox="763 987 1472 1029">*New for all phones.</p>

ADDITIONAL INFORMATION

CONFIGURATION FEATURES

CONFIGURABLE KEY POSITIONING OF BLF/LIST TARGETS



Note: This feature is applicable to the 6865i, 6867i, and 6869i SIP Phones.

Previous to Release 4.1.0 SP2, programmable keys and softkeys configured with BLF/List functionality were automatically populated with the respective BLF/List target's information via NOTIFY messages from the call manager. The key positioning of BLF/List targets was solely dependent on what was configured on the call manager and users had no control over which programmable key or softkey BLF/List targets were bound to.

Starting with Release 4.1.0 SP2, Administrators and users can now manually configure the programmable key/softkey positioning of BLF/List targets on their phones. In addition to allowing users the ability to control the key placement of the BLF/List targets, this feature also ensures the order of targets does not shift due to lost or partially received BLF/List NOTIFY data packets.



Note: For BLF/List functionality, the “list uri” parameter or “**BLF List URI**” field located on the key configuration menu of the Web UI must be defined with the same BLF List URI defined on the BroadSoft BroadWorks Busy Lamp Field page for the respective account.

To bind a BLF/List target to a key, the key must be configured as a BLF/List key and the value must be defined with the target's resource URI using the following syntax:

```
sip:username@domain.com;ext=extension number
```

whereby the “username@domain.com” is identical to the resource URI of the BLF/List key configured on the call manager and the “extension number” (an optional value) corresponds to the target's extension number.

For example, if the resource URI of a BLF/List key is configured on the call manager as “jsmith@mitel.com”, the value of the respective BLF/List key on the phone should be defined as:

```
sip:jsmith@mitel.com
```

If an extension number is defined (e.g. `sip:jsmith@mitel.com;ext=5000`) it will be used, when the key is pressed, to dial out to the BLF/List target in scenarios where the corresponding key has not been updated with the BLF/List data. If the BLF/List key has been updated, the target URI is used to dial out when the key is pressed.



Note: If a resource URI is not defined for a key configured with BLF/List functionality, the key will be automatically populated using the first resource entry from the BLF/List NOTIFY data that has not already been populated (either manually or automatically).

In addition to configuring the BLF/List key value, the 6867i and 6869i SIP phones allow users to define the BLF/List key's label. The defined label is displayed on the phone's screen up until the BLF/List key has been updated by the call manager. If a label is not defined, the label will

be displayed as a series of question marks (i.e. ???) until it is updated with the appropriate data from the call manager.

Users can configure the BLF/List key's value and label using the phone's Web UI, while Administrators can configure this feature using the Web UI or configuration files.

Configuring the Key Position of BLF/List Targets Using the Web UI

1. Click on **Operation > Programmable Keys** (6865i)
or
Click on **Operation > Softkeys and XML > Top Keys** (6867i and 6869i)
or
Click on **Operation > Expansion Module <N>** (M680i and M685i)

Softkeys Configuration				
Bottom Keys		Top Keys		
Key	Type	Label	Value	Line
1	BLF/List	John Smith	sip:jsmith@mitel.com;ext	global
2	BLF/List	George Brown	sip:gbrown@mitel.com;e	global
3	BLF/List	Martin Peders	sip:mpederson@mitel.co	global
4	BLF/List	Samantha Lar	sip:slane@mitel.com;ext	global
5	BLF/List	Martha Gold	sip:mgold@mitel.com;ex	global

2. Select the key you wish to configure as a BLF/List key.
3. In the **Type** field, select **BLF/List**.
4. (6867i and 6869i) In the **Label** field, enter a label to display on the phone for the key.



Note: The defined label is displayed on the phone's screen up until the BLF/List key has been updated by the call manager. If a label is not defined, the label will be displayed as a series of question marks (i.e. ???) until it is updated with the appropriate data from the call manager.

5. In the **Value** field, enter the BLF/List target's resource URI, using the following syntax:
`sip:username@domain.com;ext=extension number`
 whereby the "username@domain.com" is identical to the resource URI of the BLF/List key configured on the call manager and the "extension number" (an optional value) corresponds to the target's extension number.



Note: If a resource URI is not defined in the **Value** field, the key will be automatically populated using the first resource entry from the BLF/List NOTIFY data that has not already been populated (either manually or automatically).

6. (Optional) In the **Line** field, select a line number that is actively registered to the appropriate SIP proxy you are using. This line will be used to dial out to the BLF/List target.

- In the **BLF List URI** field under the **Services** section, enter the name of the BLF List URI defined for the respective account on the BroadSoft BroadWorks Busy Lamp Field page. For example, if the URI on the Busy Lamp field page is blflist@mitel.com, enter, sip:blflist@mitel.com.

The screenshot shows a configuration window titled "Services". It contains three input fields: "XML Application URI:", "XML Application Title:", and "BLF List URI:". The "BLF List URI:" field is populated with the text "sip:blflist@mitel.com". Below the fields is a "Save Settings" button.

- Click **Save Settings**.

Configuring the Key Position of BLF/List Targets Using the Configuration Files

Use the following parameters to configure the key position of BLF/List targets:

PARAMETER –	CONFIGURATION FILES
<i>list uri</i>	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Specifies the URI that the phone uses to access the BLF list on the BroadSoft server.
FORMAT	sip:list name@domain
DEFAULT VALUE	N/A
RANGE	N/A
EXAMPLE	list uri: sip:blflist@mitel.com

PARAMETER –	CONFIGURATION FILES
<i>prgkeyN type</i> (6865i) <i>topsoftkeyN type</i> (6867i and 6869i) <i>expmoX keyN type</i> (M680i and M685i)	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Specifies the type of key to configure. For BLF/List functionality, the key must be defined as "list"
FORMAT	Text
DEFAULT VALUE	none
RANGE	Refer to the <i>Mitel 6800 Series SIP Phones Administrator Guide Release 4.1.0 SP2</i> for details.
EXAMPLE	prgkey1 type: list topsoftkey1 type: list exmod1 key1 type: list

PARAMETER –

topsoftkeyN label
(6867i and 6869i)
expmoX keyN label (M685i)

CONFIGURATION FILES

startup.cfg, <model>.cfg, <mac>.cfg

DESCRIPTION

Specifies the text label that displays on the phone for the respective key.

Note: For BLF/List keys, the defined label is displayed on the phone's screen up until the BLF/List key has been updated by the call manager. If a label is not defined, the label will be displayed as a series of question marks (i.e. ???) until it is updated with the appropriate data from the call manager.

FORMAT

Text

DEFAULT VALUE

N/A

RANGE

N/A

EXAMPLE

prgkey1 label: John Smith
topsoftkey1 label: John Smith
exmod1 key1 label: John Smith

PARAMETER –

prgkeyN value (6865i)
topsoftkeyN value
(6867i and 6869i)
expmoX keyN value
(M680i and M685i)

CONFIGURATION FILES

startup.cfg, <model>.cfg, <mac>.cfg

DESCRIPTION

Specifies the value assigned to the key.

For BLF/List the value corresponds to the BLF/List target's resource URI and extension number.

Note: If a resource URI is not defined, the key will be automatically populated using the first resource entry from the BLF/List NOTIFY data that has not already been populated (either manually or automatically).

FORMAT

sip:username@domain.com;ext=extension number

"username@domain.com" must be identical to the resource URI of the BLF/List key configured on the call manager. "ext=extension number" is an optional value and corresponds to the target's extension number.

DEFAULT VALUE

N/A

RANGE

N/A

EXAMPLE

prgkey1 value: sip:jsmith@mitel.com
topsoftkey1 value: sip:jsmith@mitel.com;ext=5000
exmod1 key1 value: sip:jsmith@mitel.com;ext=5000

CONFIGURABLE REMOVAL OF THE “DROP” SOFTKEY



Note: This feature is applicable to the 6867i and 6869i SIP Phones.

Administrators now have the ability to globally remove the contextual **Drop** softkey that is displayed when on any active call.



When the parameter "**drop context softkey**" is disabled (defined as "0"), the **Drop** softkey will not be displayed in any of the active call screens (e.g. for point-to-point calls, attended transfer and conference scenarios, conference calls, paging calls, etc...).

Enabling/Disabling the Drop Softkey Using the Configuration Files

Use the following parameter to enable or disable the **Drop** softkey:

PARAMETER –	CONFIGURATION FILES
<i>drop context softkey</i>	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Allows administrators the ability to manually configure whether or not the Drop softkey is displayed on screen. If the parameter is disabled, the Drop softkey will not be displayed in any active call screens (e.g. single point-to-point call, attended transfer and conference scenarios, conference calls, paging calls, and so on).
FORMAT	Boolean
DEFAULT VALUE	1
RANGE	0 - 1 0 (Disabled - Drop softkey removed) 1 (Enabled - Drop softkey displayed)
EXAMPLE	drop context softkey: 0

BLF ACTION URI FEATURE



Notes:

1. This feature is applicable to the 6865i, 6867i, and 6869i SIP Phones.
2. The parameter "**blf key mode**" must be defined as "2" in the configuration files to use the BLF Action URI feature.
3. If the parameter "**blf key mode**" is defined as "2" but a BLF Action URI is not defined, pressing a BLF or BLF/Xfer key will follow the default BLF key mode behavior (DTMF in active call).

The Action URI feature is available on the SIP phones allowing administrators the ability to specify a Uniform Resource Identifier (URI) that triggers an HTTP GET when certain XML events occur. This feature has been expanded to support BLF XML events whereby when a configured BLF or BLF/Xfer key is pressed, the phone checks to see if the event has an Action URI configured. If the phone finds a URI configured, any variables defined (in the form \$\$VARIABLENAME\$\$) are replaced with the value of the appropriate variable. After all of the variables are bound, the phone executes an HTTP GET on the URI.

The BLF Action URI can only be configured using the configuration files by defining the "**action uri blf**" parameter. The "**action uri blf**" parameter supports the following variables:

VARIABLE	DESCRIPTION
\$\$BLFNO\$\$	Indicates the monitored extension.
\$\$BLFSTATE\$\$	Indicates the monitored line state. Values include: <ul style="list-style-type: none"> • IDLE • BUSY • RINGING • ONHOLD • DND • UNKNOWN
\$\$BLFTRANSFER\$\$	Indicates if a BLF/Xfer key was pressed. Values include: <ul style="list-style-type: none"> • YES (BLF/Xfer) • NO (BLF)

For example, if you define the "**blf key mode**" as "2" and enter the following string for the "**action uri blf**" parameter:

```
action uri blf: http://192.168.0.50/blf.php?BLFNo=$$BLFNO$$
```

when you press a BLF key defined as 5000, an HTTP GET will be performed on:

```
http://192.168.0.50/blf.php?BLFNo=5000
```

Configuring a BLF Action URI Using the Configuration Files

Use the following parameters to configure the BLF Action URI feature:

PARAMETER –	CONFIGURATION FILES
<i>blf key mode</i>	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	<p>Specifies the behavior when a BLF, BLF/List, or BLF/Xfer key is pressed during an active call.</p> <p>If the parameter is defined as "0" (default), upon a BLF or BLF/List key press, the BLF or BLF/List number will be sent as DTMF tones in the active call.</p> <p>If defined as "1", upon a BLF or BLF/List key press, the active call will be placed on hold and the phone will place a call to the BLF or BLF/List number using the next available line.</p> <p>If defined as "2", upon a BLF or BLF/Xfer key press, an HTTP GET will be triggered on the URI defined in the "action uri blf" parameter.</p> <p>Note: If defined as "2", a valid URI must be defined for the "action uri blf" parameter. If a valid URI is not defined, the key mode behavior will revert to the default value (DTMF in active call).</p>
FORMAT	Integer
DEFAULT VALUE	0
RANGE	0 - 2 0 (DTMF in active call) 1 (Active call placed on hold and BLF or BLF/List number dialed out using the next available line) 2 (HTTP GET triggered on the URI defined in the "action uri blf" parameter)
EXAMPLE	blf key mode: 2

PARAMETER –	CONFIGURATION FILES
<i>action uri blf</i>	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	<p>Specifies the URI for which the phone executes a GET on when an BLF or BLF/Xfer key is pressed. This parameter can use the following variables:</p> <p>\$\$BLFNO\$\$ \$\$BLFSTATE\$\$ \$\$BLFTRANSFER\$\$</p> <p>Note: The "blf key mode" parameter must be defined as "2" to use this feature.</p>
FORMAT	Fully qualified URI
DEFAULT VALUE	N/A
RANGE	Up to 128 ASCII characters
EXAMPLE	action uri blf: http://192.168.0.50/blf.php?BLFNo=\$\$BLFNO\$\$

USER AGENT COMPUTER SUPPORTED TELECOMMUNICATIONS APPLICATIONS (UACSTA) SUPPORT

uaCSTA support is now available for the phones in Release 4.1.0 SP2. uaCSTA refers to the mechanism of transporting CSTA XML messages over a SIP session allowing for compatibility with SIP phone user agents.

The 6800 series SIP phones currently support the following requests:

- RequestSystemStatus
- MonitorStart
- MonitorStop
- SystemRegister
- MakeCall
- AnswerCall
- ClearConnection
- HoldCall
- RetrieveCall
- GetSwitchingFunctionDevices
- TransferCall
- ConferenceCall
- GenerateDigits
- GetDoNotDisturb
- SetDoNotDisturb
- GetForwarding
- SetForwarding
- SnapshotDevice
- DeflectCall
- ConsultationCall

The 6800 series SIP phones currently support the following events:

- ServiceInitiated
- Originated
- Delivered
- Established
- ConnectionCleared
- Held
- Retrieved

- Conference
- Transferred
- DigitsGenerated
- OutOfService
- BackInService
- DoNotDisturb
- Forwarding
- Failed
- Diverted



Note: For detailed information and examples regarding the above requests and events, refer to “Using CSTA for SIP Phone User Agents (uaCSTA)” (TR/87) June 2004, ECMA International.

To enable uaCSTA support, Administrators must define the "csta" parameter as "1" in the configuration files as well as define the "csta proxy", "csta port", and "csta password" parameters. The "csta proxy" corresponds to the IP address or FQDN of the CTSA proxy server, the "csta port" corresponds to the CTSA proxy server's port number, and the "csta password" corresponds to the password used for authentication with the CSTA proxy server.

Enabling uaCSTA Support Using the Configuration Files

Use the following parameters to enable uaCSTA support:

PARAMETER –	CONFIGURATION FILES
csta	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Enables/disables uaCSTA support on the phones. uaCSTA refers to the mechanism of transporting CSTA XML messages over a SIP session allowing for compatibility with SIP phone user agents.
FORMAT	Boolean
DEFAULT VALUE	0
RANGE	0 - 1 0 (Disabled) 1 (Enabled)
EXAMPLE	csta: 1

PARAMETER – <i>csta proxy</i>	CONFIGURATION FILES startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	The IP address or FQDN of the CSTA proxy server. The CSTA proxy a server that initiates and forwards requests generated by the SIP phone to the targeted user using CSTA XML messages.
FORMAT	IP address or FQDN
DEFAULT VALUE	0.0.0.0
RANGE	N/A
EXAMPLE	csta proxy: 192.168.0.120

PARAMETER – <i>csta port</i>	CONFIGURATION FILES startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Specifies the CSTA proxy server's port number.
FORMAT	Integer
DEFAULT VALUE	0
RANGE	N/A
EXAMPLE	csta port: 5060

PARAMETER – <i>csta password</i>	CONFIGURATION FILES startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Password used to authenticate the phone with the CSTA proxy server.
FORMAT	Text
DEFAULT VALUE	N/A
RANGE	Up to 20 alphanumeric characters
EXAMPLE	csta password: 12345

SIP FEATURES

BROADSOFT BROADWORKS XSI SIP AUTHENTICATION

Previous to Release 4.1.0 SP2 users wanting to use BroadSoft BroadWorks Xsi features were required to authenticate to the Xsi account by manually entering in their credentials through the *Options > Credentials* menu on the phone.

Starting with Release 4.1.0 SP2, authentication can now be automated by using the user's SIP credentials. By enabling the "**xsi allow sip authentication**" parameter and defining the "**sip xsi user name**", the phone will send the configured BroadWorks Xsi user name along with the SIP authentication user name and password to authenticate the Xsi account. Users will not need to manually enter a separate user name or password to use the Xsi-related features and services.



Notes:

1. The "**xsi allow sip authentication**" parameter is disabled by default.
2. To support Xsi SIP authentication, the BroadSoft BroadWorks call manager must have the "**allowSIPauthentication**" feature enabled. This can be verified by running the below CLI command:

```
XSP_CLI/Applications/Xsi-Actions/BWIntegration/get  
allowSIPAuthentication
```

and can be enabled by entering the following command:

```
XSP_CLI/Applications/Xsi-Actions/BWIntegration/set  
allowSIPAuthentication true
```

3. Refer to the respective Xtended Services Platform documentation for information on how to configure the respective Xsi features on the BroadSoft BroadWorks call manager.

Configuring the Xsi SIP Authentication Feature Using the Configuration Files

Use the following parameters to configure the Xsi SIP authentication feature:

PARAMETER –	CONFIGURATION FILES
<i>xsi allow sip authentication</i>	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Enables or disables Xsi SIP authentication. When Xsi SIP authentication is enabled, the phone sends the configured BroadWorks Xsi user name along with the SIP authentication user name and password to authenticate the Xsi interface. This allows users to authenticate without having to manually enter their login credentials.
FORMAT	Boolean
DEFAULT VALUE	0
RANGE	0 - 1 0 (Disabled) 1 (Enabled)
EXAMPLE	xsi allow sip authentication: 1

PARAMETER –	CONFIGURATION FILES
<i>sip xsi user name</i> (global) or <i>sip lineN xsi user name</i> (per line)	startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Specifies the BroadWorks user ID for SIP authentication of the Xsi account.
FORMAT	username@domain
DEFAULT VALUE	N/A
RANGE	N/A
EXAMPLE	sip xsi user name: xsi@xsi.broadworks.net or sip line1 xsi user name: xsi@xsi.broadworks.net

PARAMETER – <i>sip auth name</i> (global) or <i>sip lineN auth name</i> (per line)	CONFIGURATION FILES startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Used in the username field of the Authorization header of the SIP REGISTER request. When “ xsi allow sip authentication ” is enabled, the defined value will be used to authenticate the Xsi account.
FORMAT	String
DEFAULT VALUE	N/A
RANGE	Up to 20 alphanumeric characters
EXAMPLE	sip auth name: jsmith or sip line1 auth name: jsmith

PARAMETER – <i>sip password</i> (global) or <i>sip lineN password</i> (per line)	CONFIGURATION FILES startup.cfg, <model>.cfg, <mac>.cfg
DESCRIPTION	Password used to register the SIP phone with the SIP proxy. When “ xsi allow sip authentication ” is enabled, the defined value will be used to authenticate the Xsi account.
FORMAT	String
DEFAULT VALUE	N/A
RANGE	Up to 20 alphanumeric characters
EXAMPLE	sip password: 12345 or sip line1 password: 12345

ISSUES RESOLVED IN RELEASE 4.1.0 SP2

This section describes the issues resolved on the SIP phones in Release 4.1.0 SP2.

The following table provides the issue number and a brief description of each fix:



Note: Unless specifically indicated, the resolved issues below apply to the all the 6800 SIP phones.

ISSUE NUMBER	DESCRIPTION OF FIX
Configuration	
ENH39433/CLN40983	Previously, the maximum value that could be defined for the Backlight On Time option (i.e. "bl on time" configuration parameter) was 7200 seconds (2 hours). In Release 4.1.0 SP2, the maximum value has been increased to 36000 seconds (10 hours).
ENH41716	In Release 4.1.0 SP1 an enhancement was made whereby HTTPS certificate validation was enabled indefinitely. This enhancement was removed in 4.1.0 SP2 and administrators can now once again disable HTTPS certificate validation if so desired.
DEF41010/CLN41049	6865i, 6867i, and 6869i: An issue was observed whereby users were unable to upload a custom ring tone if an expansion module was connected to the phone. This issue has been fixed.
SIP	
DEF39896/CLN41533	When the phone received an INVITE with RTP AVP and SAVP, an issue was observed whereby the phone did not use SRTP even if SRTP Preferred was selected. This issue has been fixed.
DEF40325/DEF40432/ DEF40598/CLN40476/ CLN40732/CLN41605/ CLN41611	Issues were observed whereby the PUBLISH values for the JitterBuffer, Burst Gap Loss, Mean Opinion Score, and Round Trip Delay parameters detailed in the phone's RTCP-XR reports were found to be inaccurate. These issues have been corrected.
DEF41365/CLN41474	An issue was observed whereby the expected RTCP-XR PUBLISH packets were not sent by the phone after a previous PUBLISH message timed out and did not get a response from the outbound proxy. This issue has been resolved.
DEF41380/DEF41409	Various changes have been implemented in Release 4.1.0 SP2 to improve stability robustness in certain scenarios.
UI	
DEF40380/CLN41052	When in an outgoing state on a primary line, seizing a secondary line did not terminate the outgoing call on the primary line as was expected. This issue has been resolved.
DEF41072	6867i: When using the phones with the MiVoice Office 400 call manager, an issue was observed whereby the message on the status line was not being displayed clearly. This issue has been fixed.
DEF41245/CLN41265/ CLN41266	6863i: An option to set the LAN and PC port speed to 1000Mbps was incorrectly being displayed on the 6863i's Web UI. This issue has been corrected.

Mitel 6800 Series SIP Phones 4.1.0 SP2 Release Notes

ISSUE NUMBER	DESCRIPTION OF FIX
DEF41401/CLN41438	6865i: Caller ID information was not being updated on screen when the phone was the recipient of an attended transfer. This issue has been resolved.
Audio	
ENH41126/CLN41513	A user observed a low-frequency noise when using an analog headset with the phones. Equalization filters for analog headsets were adjusted to eliminate the noise in Release 4.1.0 SP2.
ENH41277/ENH41274/ ENH41507/CLN41316/ CLN41313	To improve audio quality, enhancements have been made in Release 4.1.0 SP2 to the handset (applicable to all 6800 series SIP phones) and speakerphone (applicable to the 6863i and 6867i) equalization filters.
DEF40441/CLN40994	6867i and 6869i: When using the phones with the MiVoice Office 400 call manager, an issue was observed whereby users dialing an external party over a SIP trunk would hear a distorted ring tone. This issue has been fixed.
DEF40775/CLN41224	When the "rtp symmetric port" parameter was defined as "0" (i.e. disabled), one-way audio was observed in certain scenarios when an active call was placed on hold and then retrieved. This issue has been resolved.
DEF41279/CLN41447	Analog headset gain adjustments have been made in Release 4.1.0 SP2 to help achieve consistency in analog headset volume in relation to the other audio modes.
Network	
ENH40155/CLN40257	Various changes have been implemented in Release 4.1.0 SP2 to improve security robustness.
DEF40468/CLN41385	6867i: An issue was observed whereby a PC configured for 802.1x authentication was connected to the PC port on the phone and was unable to authenticate if 802.1x authentication was disabled for the LAN port. This issue has been resolved.
DEF41153/DEF41289	When the PC and LAN port on the phone was set to auto negotiation, some devices were unable to acquire network connectivity when connected to the phone's PC port. This issue has been corrected. Note: After connecting the device to the phone's PC port, the phone must be rebooted for the connected device to acquire network connectivity.

CONTACTING MITEL SUPPORT

If you have read this release note, and consulted the Troubleshooting section of your phone model's manual and still have problems, please contact Mitel Support via one of these methods:

North America

- Toll Free at 1-800-574-1611
- Online at <http://www.mitel.com/content/mitel-technical-support>

Outside North America

Please contact your regional Mitel Technical Support.

