Release Note FOR Alcatel-Lucent Enterprise Myriad and Halo series DeskPhone R140

This document provides the configuration details required to Alcatel-Lucent Enterprise Myriad and Halo series DeskPhone R140 connecting to 3rd party SIP Server.

Revision History

Edition 1: February 8, 2024 creation of the document

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1 Introduction

Firmware Version:

M3/M5/M7: 2.14.15.000.2490

M8: 2.14.15.000.2468

H3P/H3G/H6: 2.14.15.000.2484

You can download the firmware from https://www.aledevice.com/site/download.

2 New Features

1. Added support local conference manager.
2. Added support LDAP multi-line display support.
3. Added support M8 BT audio hub for PC.
4. Added support OpenVPN tar file import.
5. Added support separate wireless and wired parameters.
6. Added support time synchronization based on SIP signaling.
7. Added support new language Thai for mmi, Russian and Turkish for WEB.
8. Added support on-hook to transfer function.
9. Added support set ringtones for contacts.
10. Added support control to automatically generate a call park softkey on the call page.
11. Added support recording related functions, for file upload, automatic cleaning support.
12. Added support CDP.
13. Added support the contact template format can be csv.
14. Added support the different refuse code for different scenarios.
15. Added support port setting capability for pnp and ssh.
16. Added support custom tone.
17. Added support codec G726.
18. Added support call display source.
19. Added support customer language.

3 Optimization

3.1 Transfer optimization

Parameter	SIPTranSuccessfulNotify	config.xml
Description	It configures enable or disable the Semi-attend Transfer function.	
Permitted Values	false: disable feature true: enable feature	
Default	false	
Parameter	SIPTranSuccessfulNotify	config.xml
Description	It configures after the Transfer operation is configured, which signaling is received indicates that the Transfer is successful, and the transfer process ends.	
Permitted Values	0 - NOTIFY containing a 2xx Status-Line 1 - NOTIFY containing a 100 Status-Line 2 - NOTIFY containing a 180 Status-Line 3 - REFER's 202 response	
Default	0	

3.2 BLF status display

Notify	Icon	LED State		Description
		M3/5/7	H3X6/M8	
Terminated		On (Blue)	On (Blue)	The monitoring account is idle. Note: If the notify message does not carry a clear status, it is regarded as idle.
Early/proceeding		Fast-flashing Blue	Fast-flashing Red	The monitoring account is ringing.
Confirmed		Slow-flashing Blue	On (Red)	The monitoring account is in call talking.
Confirmed-hold		On (Blue)	Slow-flashing Red	The monitoring account is on hold.
Parked		On (Blue)	Slow-flashing Red	The monitoring account is on parked.

Offline/Unregister		Off	Off	The monitoring account is offline or not registered. Not subscribed.
Unknow		Off	Off	The monitoring account is unknown, that is, the Notify message carries other states than the preceding ones. or only receive 200OK, but no notify.

3.3 Audio delay optimization

Optimize voice creation delay for incoming calls, speed up voice creation time, and minimize audio loss during voice creation.

3.4 Aom & blf & blf list optimization

It is optimized to support a large number of BLF on AOM to improve stability.

3.5 Merge supports customer feedback and improves performance

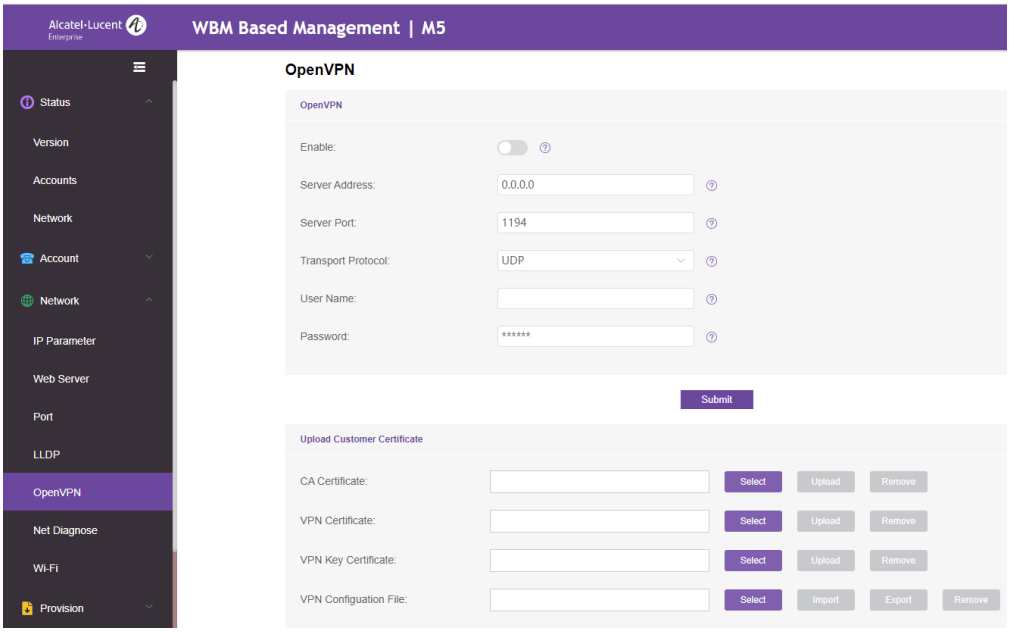
3.5.1 Optimized the OPENVPN deployment mode, added support for username authentication, and optimized the autop deployment mode for OpenVPN

The OpenVPN-related files include certificates (ca.crt and client.crt), key (client.key), userinfo(user.txt) and the configuration file (vpn.cnf) of the OpenVPN client.

The following table lists the unified directories of the OpenVPN certificates and key in the configuration file (vpn.cnf) for the ALE Myriad Series phones:

OpenVPN Files	Description	Unified Directories
ca.crt	CA certificate	/config/cert/openvpn/openvpn-ca.crt
client.crt	Client certificate	/config/cert/openvpn/openvpn-client.crt
client.key	Private key of the client	/config/cert/openvpn/openvpn-client.key
User.txt	Username and password file	/config/cert/openvpn/openvpn-user.txt

You can configure the OpenVPN feature via the Web UI path: Network → OpenVPN for the ALE Myriad Series phones.



If the username and password are downloaded as an auto-p file, should use the following format:

- unix file format
- username on the first line and the password on the second line, for example:

```
$
$ cat /config/cert/openvpn/openvpn-user.txt
username
password$
```

- Inside the OPENVPN configuration files need to add a line:
  auth-user-pass /config/cert/openvpn/openvpn-user.txt

The following table lists the parameters you can use to configure openvpn.

Parameter	**DeviceNetworkOpenVpnEnable**	**config.xml**
Description	It configures openvpn switch.	
Permitted Values	false:disable true:enable	
Default	false	
Web UI	NetWork → OpenVPN → Enable	
Parameter	**DeviceNetworkOpenVpnServerAddr**	**config.xml**
Description	It configures OpenVPN server address.	
Permitted Values	String within 256 characters.	
Default	0.0.0.0	

Web UI	NetWork → OpenVPN → Server Address	
Parameter	**DeviceNetworkOpenVpnServerPort**	**config.xml**
Description	It configures openvpn server port.	
Permitted Values	1-65535	
Default	1194	
Web UI	NetWork → OpenVPN → Server Port	
Parameter	**DeviceNetworkOpenVpnTransport**	**config.xml**
Description	It configures openvpn transport protocot	
Permitted Values	UDP TCP	
Default	UDP	
Web UI	NetWork → OpenVPN → Transport Protocol.	
Parameter	**DeviceNetworkOpenvpnAuthFileUrl**	**config.xml**
Description	It configures openvpn username and password file.	
Permitted Values	String within 256 characters. Note:Based on the openvpn standard format, the text is in unix format. The first line is the username, and the second line is the password.	
Default	Blank	
Web UI	NetWork → OpenVPN → Username & Password	
Parameter	**DeviceNetworkOpenvpnCaCertUrl**	**config.xml**
Description	It configures download url of openvpn ca file.	
Permitted Values	String within 256 characters.	
Default	BLANK	
Web UI	NetWork → OpenVPN → CA Certificate	
Parameter	**DeviceNetworkOpenvpnClientCertUrl**	**config.xml**
Description	It configures download url of openvpn client cert file.	
Permitted Values	String within 256 characters.	
Default	BLANK	

Web UI	NetWork → OpenVPN → VPN Certificate	
Parameter	**DeviceNetworkOpenvpnClientKeyUrl**	**config.xml**
Description	It configures download url of OpenVPN client cert key file.	
Permitted Values	String within 256 characters.	
Default	BLANK	
Web UI	NetWork → OpenVPN → VPN Key Certificate	
Parameter	**DeviceNetworkOpenvpnConfigFileUrl**	**config.xml**
Description	It configures download url of openvpn config file.	
Permitted Values	String within 256 characters.	
Default	BLANK	
Web UI	NetWork → OpenVPN → VPN Configuration File	

3.5.2 Optimized headset button logic and enhanced experience

Parameter	**FeatureHeadsetPriorEnable**	**config.xml**
Description	It configures to enable the headset priority function.	
Permitted Values	false: Disable. true: Enable. Note: Channel high priority on headset, even when a channel switch occurs during a call.	
Default	false	
Web UI	Features → General → Headset Prior:	

3.5.3 Optimized call waiting function to enable quick switching through programkey in the call interface

In R140, we have optimized the reminder of multiple calls. When there is an incoming call or talking, we will use 182 to respond to the second call when call waiting is enabled.

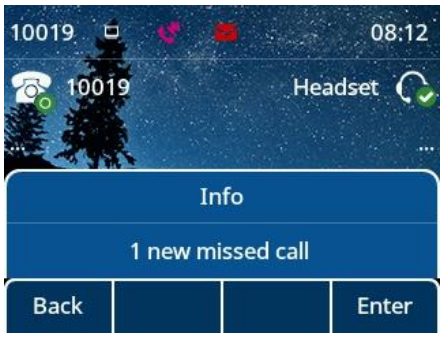
Parameter	**FeatureKeepCallWaitingEnable**	**config.xml**
Description	It configures to enable or disable Call Waiting after a call ends. After the function is activated, you can set programkey to call waiting to realize more flexible switch operation. You can also operate during a call, which satisfies the more flexible DND function.	

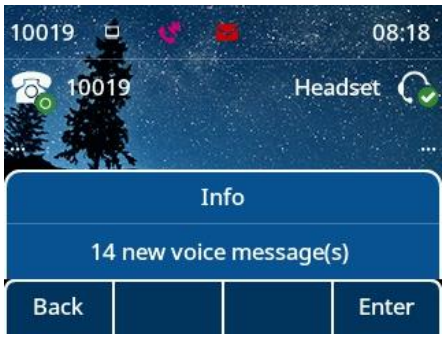
Permitted Values	false: Disable the keep call waiting feature. true: Enable the keep call waiting feature.
Default	true

3.5.4 Optimized the ring tone for automatic answering

Parameter	**FeatureAutoAnswerDelay**	**config.xml**
Description	The automatic call answer delay is set. Note: This parameter is only valid if AccountXAutoAnswerEnable = true.	
Permitted Values	1-60, Unit: second	
Default	1	
Web UI	None	
Phone UI	None	
Parameter	**FeatureAutoAnswerToneEnable**	**config.xml**
Description	It configures the auto answer whether the prompt tone is played.	
Permitted Values	true - enable false - disable	
Default	false	
Web UI	None	
Phone UI	None	

3.5.5 Optimized the logic of missed call and voice mail pop-up prompts



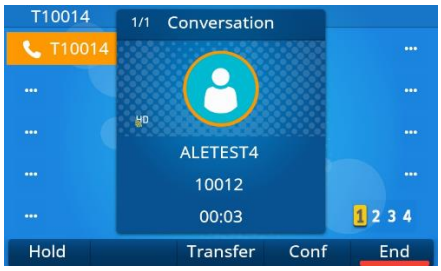


3.5.6 Optimized display of extended information during calls based on ldap

Scenario:

Employee: ALETEST1; number 10012; Position: Test Engineer.

Default behavior and optimization behavior (LdapExtraDisplay set as title)



Parameter	LdapExtraDisplay	config.xml
Description	Configure additional LDAP attributes to be displayed on the conversation. After the configuration, additional properties are displayed after the name of the call screen and call screen. Support key： sn; telephoneNumber; givenName; mobileNumber; otherNumber; firstname; name; officephone; department; title. Note: If you want to configure more parameters, you need user “,”.	
Permitted Values	String within 126 characters	
Default	Blank	
Web UI	NA	

3.5.7 Optimized the default account display logic

When multiple accounts are configured, you can specify the default account to set the default outgoing number and modify the display policy on home bar to display the default account information.

Note The phone support number 1~8 for M3/M5/M7, and 1-20 for M8.

Parameter	SIPDefaultAccount	config.xml
Description	It configures the SIP phone default account.	
Permitted Values	1 - Account 1 2 - Account 2	

	3 - Account 3 4 - Account 4 5 - Account 5 6 - Account 6 7 - Account 7 8 - Account 8 9 - Account 9 10 - Account 10 11 - Account 11 12 - Account 12 13 - Account 13 14 - Account 14 15 - Account 15 16 - Account 16 17 - Account 17 18 - Account 18 19 - Account 19 20 - Account 20	
Default	1	
Web UI	features → sip → Default Account	
Parameter	**SettingDefaultAccountDisplayMode**	**config.xml**
Description	It configures set whether to display default account information on home bar.	
Permitted Values	0 – Do not display default account on home bar. 1 – Display default account on home bar.	
Default	0	
Web UI	None	

The following is an example of whether the default account is displayed on home bar.

3.5.8 Optimized Increase the channel of Multicast Paging by 0, changing the channel range to 0-25

3.5.9 Optimized action uri support AOM

Variable Value	Phone Action
(F_) 0-9/*/ F_STAR/F_POUND	Short press the number key
(F_) E{x}_{y}	X=AOM index y=Corresponding AOM key. For example: E1_1 = AOM 1 first key E2_2 = AOM 2 second key
F_ E{x}_{y}_LONGPRESS	X=AOM index y=Corresponding AOM key. For example: E1_1_LONGPRESS = Long press AOM 1 first key E2_2_LONGPRESS = Long press AOM 2 second key
E{x}_LEFT、E{x}_RIGHT、E{x}_HOME	X=AOM index. Press the bottom three buttons above the AOM.

3.5.10 Optimize the discovery mode of Bluetooth, only in the Bluetooth interface can be discovered

3.5.11 Optimized USB flash drive supports NTFS format and FAT32 format

4 Bug Fixes

List of bugs fixed
No ethernet Link pop-up after synchronizing config file
The css panic occurs when RTCP is received during a multi-channel call
Need to support a shorter Register Retry Time
Audio delay in re-invite come in
It's slow to log in website
Failover/Fallback not working as expected
Need to support XSI call log display as number when username is Unavailable
MWI not working with Epygi platform
Semi-Attended transfer not working fine
Cannot return back to Login page after resetting factory on WEB
[XML Browser]The last line of the screen interface is incomplete
M8 won't send DNS query if failed once
The status of M7's BLF is not correct after connecting EM200
OPENVPN vpn file downloads should not depend on config changes
Support importing OpenVPN certificates and configuration files at one time
DND status is incorrect on the phone screen

5 New Features Descriptions

5.1 Added support local conference manage

Support for local conference management capabilities, the ability to control hold and mute for each participant.

5.2 Added support LDAP multi-line display support

LDAP custom call display policy

Scenario:

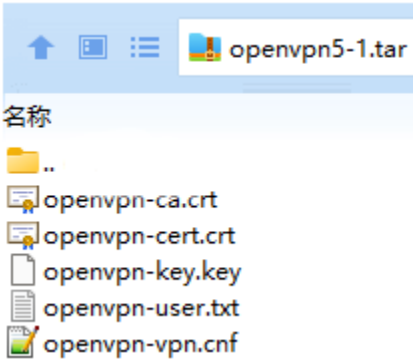
Employee: ALETEST1; number 10012; Position: Test Engineer.

Default behavior and optimization behavior (LdapExtraDisplay set as title)

Parameter	LdapFieldsMapping	config.xml
Description	It configures additional LDAP attributes to be displayed on the power module page. It configures multiple attributes separated by commas (,), such as department and title. Its configuration, additional properties are displayed after the name of the call screen and the name of the call screen. The display sequence is based on the configured value.	
Permitted Values	String within 126 characters.	
Default	BLANK	

5.3 Added support OpenVPN tar file import

Compressed packet mode:
You can refer to the following example, after all the files of the vpn are named according to the convention, the unified compression into a tar file, and then upload the compressed package through the autop way, you can import it at one time.



Parameter	DeviceNetworkOpenvpnUrl	config.xml
Description	Add a compressed package to import all OpenVPN certificates and files at one time to complete deployment. The compressed package contains CA certificate, VPN certificate, VPN private key, VPN configuration file, and auth file. The file name must be strictly matched: openvpn-ca.crt openvpn-cert.crt openvpn-key.key openvpn-user.txt openvpn-vpn.cnf	
Permitted Values	String within 256 characters.	
Default	BLANK	

5.4 Added support separate wireless and wired parameters

Split wired and wireless configuration parameters to suit more scenarios.

Wired	Wifi
DeviceNetworkDns1	DeviceWifiDns1
DeviceNetworkDns2	DeviceWifiDns2
DeviceNetworkDns3	DeviceWifiDns3

DeviceNetworkIpv6Dns1	DeviceWifiIpv6Dns1
DeviceNetworkIpv6Dns2	DeviceWifiIpv6Dns2
DeviceNetworkIpv6Dns3	DeviceWifiIpv6Dns3
DeviceNetworkIpStackMode	DeviceWifiIpStackMode
DeviceNetworkDhcpMode	DeviceWifiDhcpMode
DeviceNetworkIpAddress	DeviceWifiIpAddress
DeviceNetworkIpv6Address	DeviceWifiIpv6Address
DeviceNetworkSubnetMask	DeviceWifiSubnetMask
DeviceNetworkGateway	DeviceWifiGateway
DeviceNetworkIpv6DhcpMode	DeviceWifiIpv6DhcpMode
DeviceNetworkIpv6PrefixLen	DeviceWifiIpv6PrefixLen
DeviceNetworkIpv6Gateway	DeviceWifiIpv6Gateway
DeviceNetworkStaticDnsEnable	DeviceWifiStaticDnsEnable

5.5 Added G726 codec support for M3/M5/M7/M8/H3X6

Added M3/M5/M7/M8/H3X6 support for the G726 codec.

5.6 Added support time synchronization based on SIP signaling

In addition to NTP synchronization time, we also added support for SIP signaling time synchronization. The phone used the time in sip signaling as the time to be synchronized through the 200 OK carried by the corresponding date header field returned by the server during registration.

The following table lists the parameters you can use to configure the NTP.

Parameter	**SettingTimeMethod**	**config.xml**
Description	Configure time synchronization through the NTP server or SIP signaling or manually set the time.	
Permitted Values	0: SNTP (default) 1: SIP Server 2: Manual	
Default	0	
Web UI	Settings → Time & Date → TimeMethod	

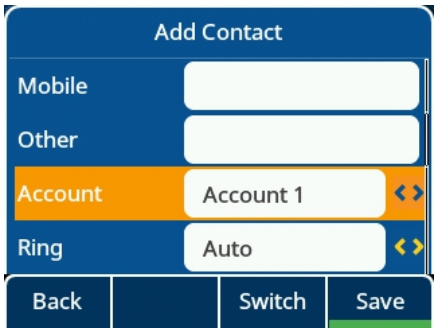
5.7 Added support new language Thai for MMI, Russian and Turkish for WBM

5.8 Added support on-hook to transfer function

Parameter	**FeatureBlindTransferOnHookEnable**	**config.xml**
Description	Enable and disable the blind transfer operation when hanging up.	
Permitted Values	false: disable feature true: enable feature	
Default	true	
Parameter	**FeatureAttendedTransferOnHookEnable**	**config.xml**
Description	Enable and disable the attended transfer operation when hanging up.	
Permitted Values	false:disable feature true:enable feature	
Default	true	
Parameter	**FeatureTransAfterConfEnable**	**config.xml**
Description	It configures the meeting initiator to hang up the phone and allow the other two parties to continue the conversation. Note: It is takes effect only for Local conferences.	
Permitted Values	false:disable feature true:enable feature	
Default	false	
Parameter	**FeatureTransProgKeyDealType**	**config.xml**
Description	It configures the behavior after the Programmable key is pressed during a call.	
Permitted Values	0: New Call 1: Attended Transfer 2: Blind Transfer 3: Blind Transfer Optional	
Default	2	

Option Transfer call: When DUT configuration FeatureTransProgKeyDealType = 3, call press BLF key, pop-up function selection interface (does not affect the current call status), can use the direction key + the Select (OK) key choose corresponding call operation; Or click Cancel (C key) to exit the selection screen and return to the call screen (Hard keys for other functions do not take effect).

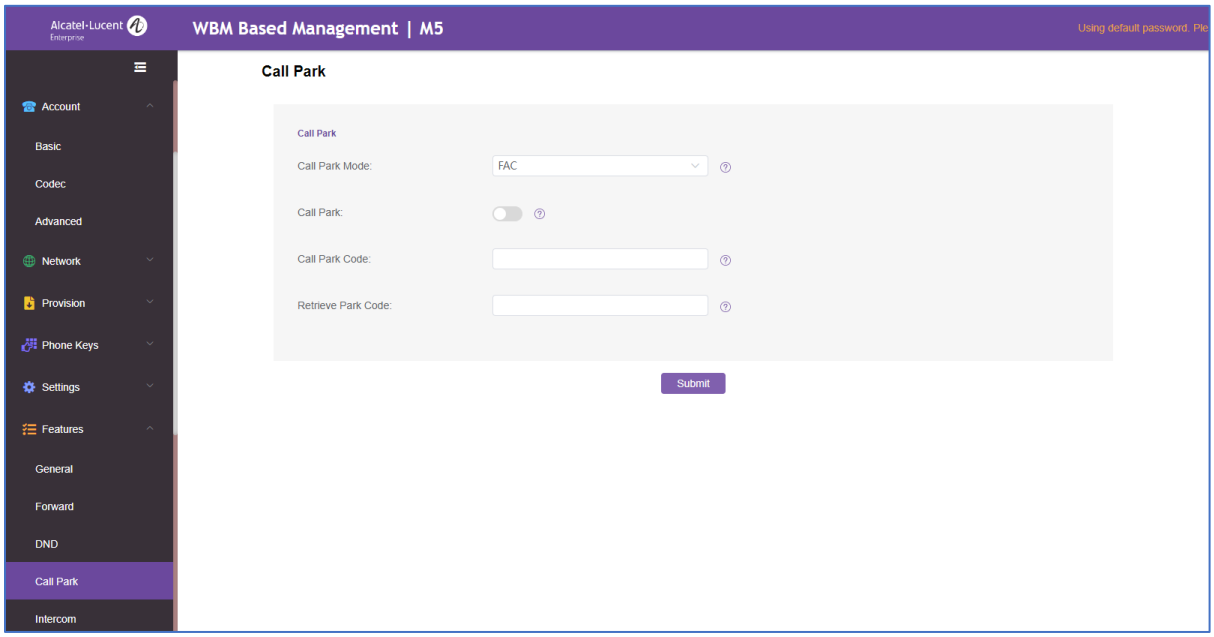
5.9 Added support set ringtones for contacts



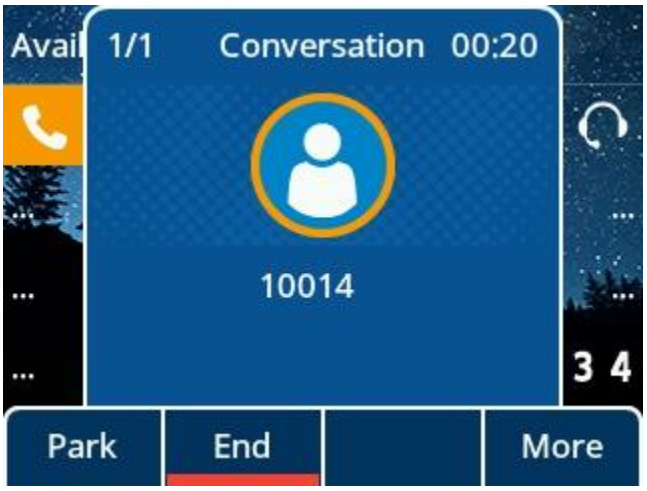
5.10 Added support control to automatically generate a call park softkey on the call page

Call Park configuration and interface show

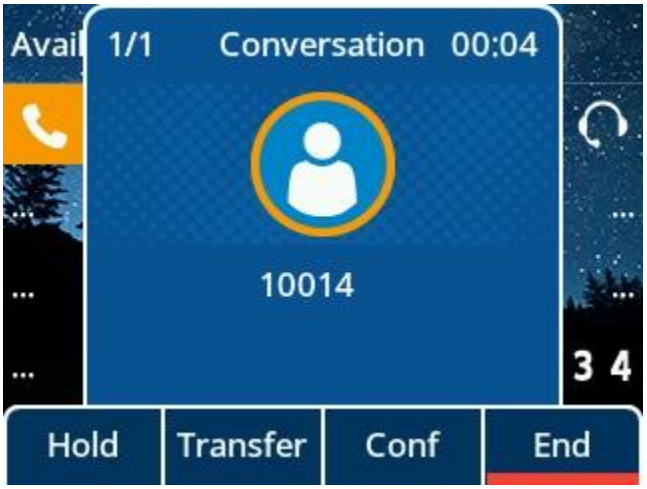
You configure information about the prefabricated call park or retrieve park on the following page:



- Configure FeatureCallParkEnable is true：



- Configure FeatureCallParkEnable is false：



Parameter	**FeatureCallParkEnable**	**config.xml**
Description	It configures the Call Park function is enabled or disabled. After activation, the call park button is displayed on the softkey on the talking.	
Permitted Values	false:disable true:enable	
Default	false	
Web UI	Features → Call Park → Call Park	
Parameter	**FeatureCallParkParkCode**	**config.xml**
Description	It configures the call park code.	

Permitted Values	String within 64 characters.	
Default	Blank	
Web UI	Features → Call Park → Call Park Code	
Parameter	**FeatureCallParkRetrieveCode**	**config.xml**
Description	It configures the call park retrieve code.	
Permitted Values	String within 64 characters	
Default	Blank	
Web UI	Features → Call Park → Retrieve Park Code	
Parameter	**FeatureCallParkDirectCallEnable**	**config.xml**
Description	It configures enable or disable whether to make a direct call after pressing the Park/Retrieve softkey. This parameter is valid only when FeatureCallParkMode = 0 and the CallPark /Retrieve code is configured	
Permitted Values	false: disable true: enable	
Default	true	

5.11 Added support recording related functions, for file upload, automatic cleaning support

ALE phones support manual recording during a call or automatic recording once the call is set up.

Before recording, ensure that the USB disk has been connected to the IP phone. This is for devices that have USB A ports on them. Currently, support FAT32 and NFTS format. Supports a maximum of 64 GB memory space.

Parameter	**FeatureUsbCallRecordingEnable**	**config.xml**
Description	It enables or disables the call recording (using a USB flash drive) feature of the IP phone.	
Permitted Values	false - disable true - enable	
Default	false	
Parameter	**FeatureAutoRecordingEnable**	**config.xml**

Description	It enables or disables the automatic recording feature of the IP phone.
Permitted Values	false - disable true - enable
Default	false

ALE phones support backup recording file to server.

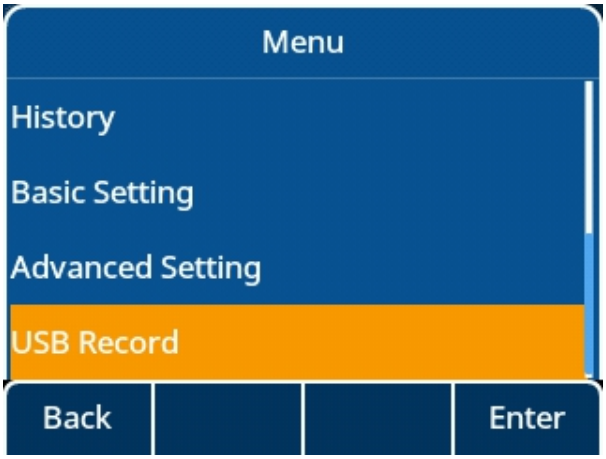
After the upload function is enabled, the phone can use http or https to upload files using put or post to back up files to the server. It also supports automatic upload and manual upload for easy operation.

Parameter	**FeatureRecordingUploadEnable**	**config.xml**
Description	It configures to enable the local automatic recording upload function.	
Permitted Values	false: Disable the phone recording file upload function. true: Enable the phone recording file upload function	
Default	false	
Parameter	**FeatureRecordingUploadServerUrl**	**config.xml**
Description	It configures the IP address of the server for uploading local recording files is specified	
Permitted Values	URL within 511 characters Note: It is valid only the FeatureRecordingUploadEnable is true.	
Default	Blank	
Parameter	**FeatureRecordingUploadServerUsername**	**config.xml**
Description	It configures the authentication username of the server where the local recording file is uploaded is specified. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Permitted Values	String within 64 characters	
Default	Blank	
Parameter	**FeatureRecordingUploadServerPassword**	**config.xml**
Description	It configures the authentication password of the server where the local recording file is uploaded is specified. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Permitted Values	String within 64 characters	
Default	Blank	

Parameter	**FeatureRecordingUploadAutoEnable**	**config.xml**
Description	It configures to enable the automatic uploading of local recording files to the server immediately after the generation of local recording files.	
Permitted Values	false: Disable the phone immediately auto recording file upload function. true: Enable the phone immediately auto recording file upload function. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Default	false	
Parameter	**FeatureRecordingUploadDailyEnable**	**config.xml**
Description	It configures to enable the scheduled upload of local recording files.	
Permitted Values	false: Disable the phone recording file scheduled upload function. true: Enable the phone recording file scheduled upload function. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Default	false	
Parameter	**FeatureRecordingUploadBeginTime**	**config.xml**
Description	It configures to enable the scheduled upload of local recording files start time.	
Permitted Values	Time from 00:00 to 23:59 Note: It is valid only the eatureRecordingUploadDailyEnable is true.	
Default	00:00	
Parameter	**FeatureRecordingUploadEndTime**	**config.xml**
Description	It configures to enable the scheduled upload of local recording files end time.	
Permitted Values	Time from 00:00 to 23:59 Note: It is valid only the FeatureRecordingUploadDailyEnable is true.	
Default	00:00	
Parameter	**FeatureRecordingAutoDeleteEnable**	**config.xml**
Description	It configures enable or disable the function of automatically deleting USB flash drive recording files.	
Permitted Values	false – Disable true - Enable	
Default	false	
Parameter	**FeatureRecordingAutoDeleteThreshold**	**config.xml**
Description	It configures the remaining capacity of the USB flash drive, the earliest	

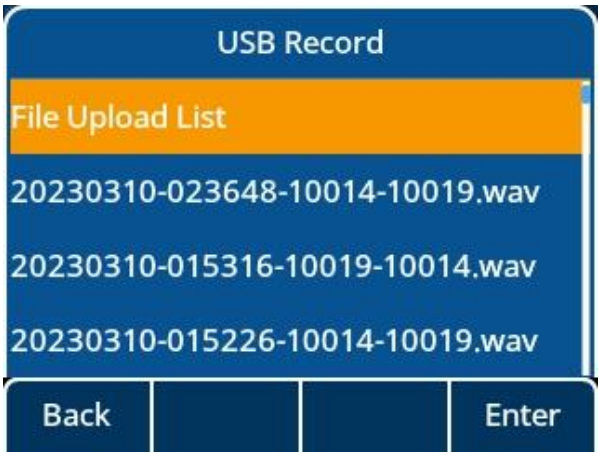
	recording files are automatically deleted.	
Permitted Values	The integer ranges from 0 to 1024. The unit is MB.	
Default	20	
Parameter	**FeatureRecordingFileDeleteMethod**	**config.xml**
Description	It configures the method for automatically deleting recording files. Delete or not delete recording files after uploading successfully.	
Permitted Values	0: Do not delete local recording files. 1: Delete recording files after uploading successfully. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Default	0	
Parameter	**FeatureRecordingUploadRetryTimes**	**config.xml**
Description	It configures retry times when recording file upload failed.	
Permitted Values	0-5 Note: zero is meads that do not retry. Note: It is valid only the FeatureRecordingUploadEnable is true.	
Default	2	

When you insert the USB drive, you can see a USB directory appears under the Menu item. This directory can access the recording files generated during your call.



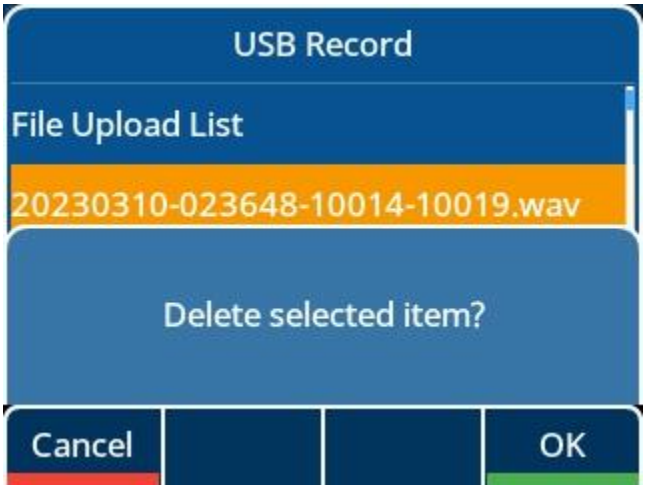
On this screen, you can view the recording file in wav format. The recording file contains the call time and the called and called account information as the file name.

ALE Phones maximum of 1000 entries are supported.

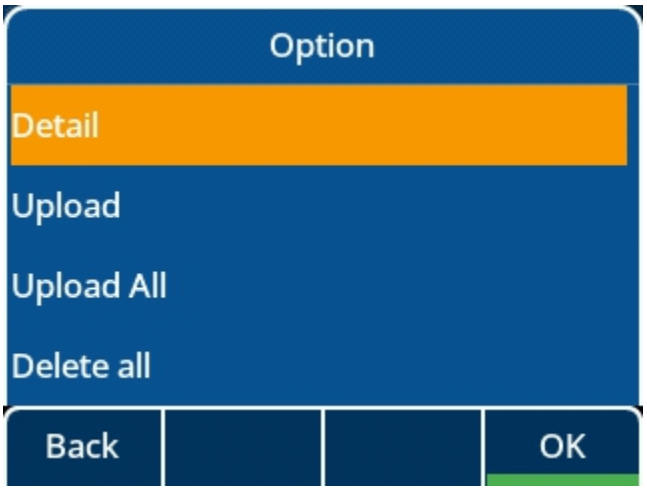


When you select the relevant recording information, we can see that softkey supports delete, details, and play functions.

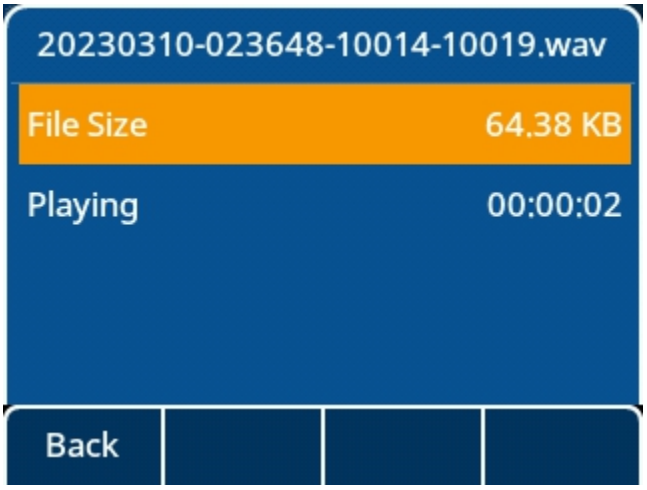
- You press “Delete” key to delete a record.



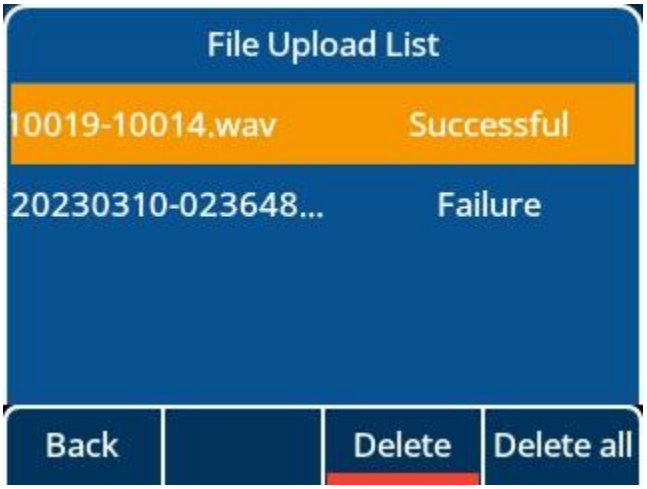
- You can press “Option” key to view more option information, for example: Delete all, Upload, Detail……



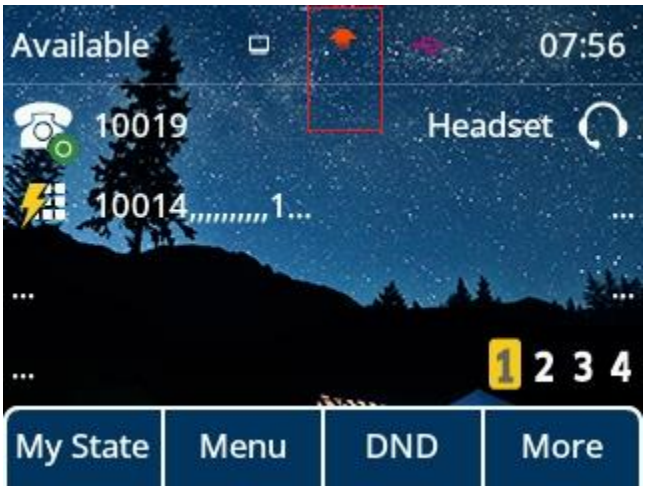
- You can press “Play” to play record file.



- The “File Upload List” will tell you success or fail the record file upload to server.



- If the upload takes a while, you can see an upload icon in idle, indicating that the upload is in progress.



5.12 Added support CDP

Cisco Discovery Protocol (CDP) is a private binary-layer networking protocol developed by Cisco. It is automatically loaded by most Cisco devices upon startup. By using CDP, Cisco devices can share information such as operating system software version, device identifiers, address tables, port identifiers, and performance metrics among themselves and their direct connected devices.

Like HP's LLDP and Huawei/H3C's NDP protocols, CDP uses a set of rules and filters to discover and enumerate all network devices on the local network. The main difference between CDP and these other protocols is that CDP provides a more private and secure way to discover and enumerate network devices on a local network.

In addition to the direct sharing of device information, CDP also supports the discovery of other network devices. When a device is connected to a network, it notifies the local device of the presence of other network devices and allows the local device to discover these devices. This allows for a more seamless and secure network operation.

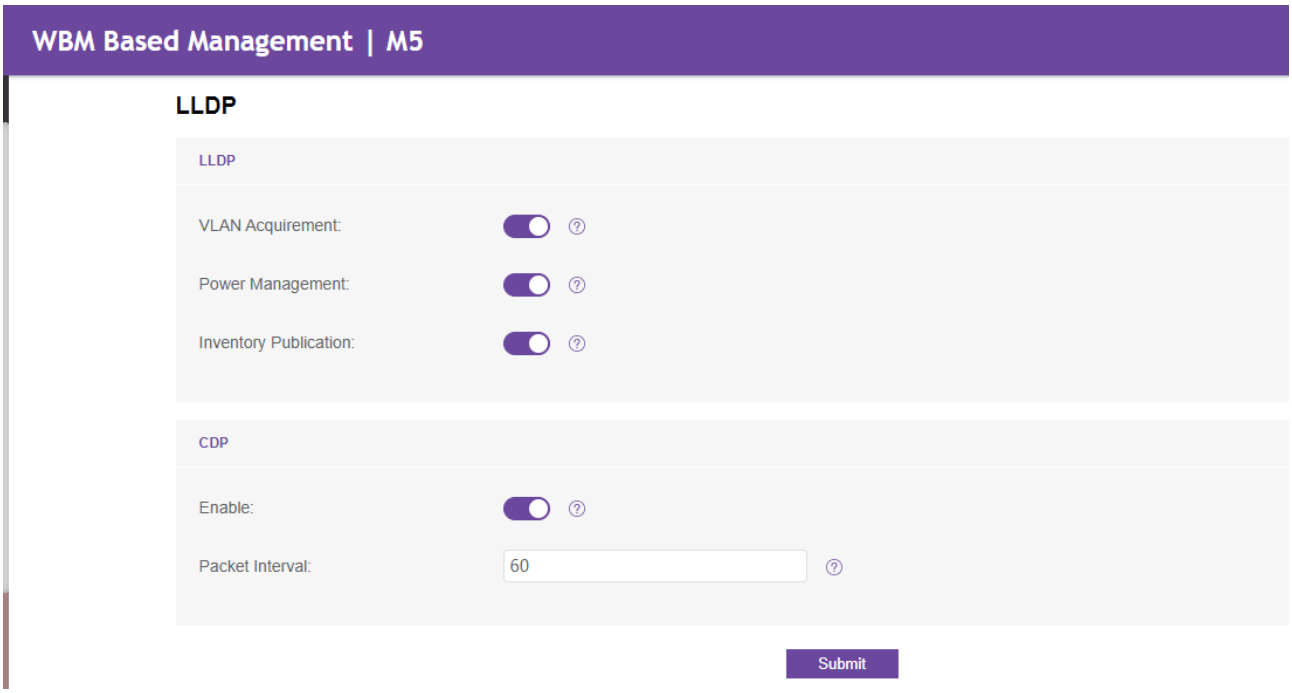
Overall, CDP is a powerful networking protocol that allows Cisco devices to work together more seamlessly and securely on the local network.

The following table lists the parameters you can use to configure CDP.

Parameter	**DeviceNetworkCdpEnable**	**config.xml**
Description	It enables or disables the CDP (Cisco Discovery Protocol) feature on the IP phone.	
Permitted Values	true - enable false - disable	
Default	true	

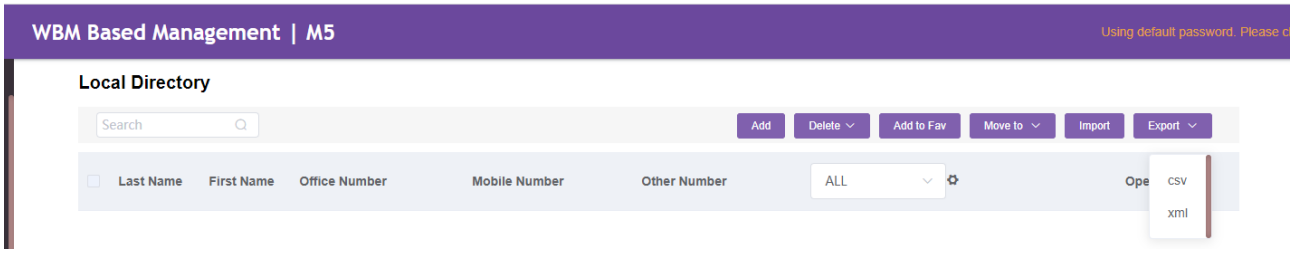
Web UI	Network → LLDP → CDP → Enable	
Phone UI	Menu → Advanced Setting (default password: 123456) → Network → CDP→ enable	
Parameter	**DeviceNetworkCdpPacketInterval**	**config.xml**
Description	It configures the interval for sending CDP packets	
Permitted Values	1-3600 seconds	
Default	60	
Web UI	Network → LLDP → CDP → Packet Interval	
Phone UI	Menu → Advanced Setting (default password: 123456) → Network → CDP → Packet Interval	

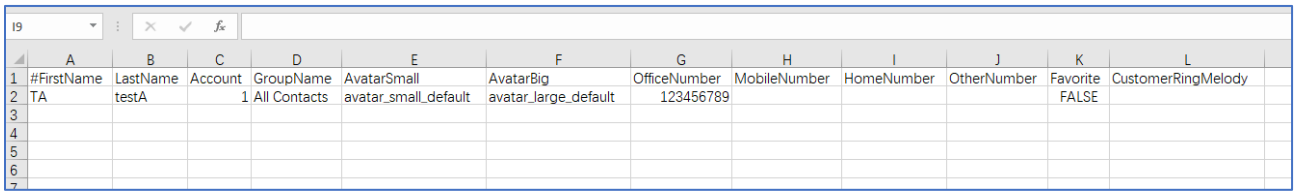
The WBM interface:



The MMI interface:

5.13 Added support the contact template format can be csv





	A	B	C	D	E	F	G	H	I	J	K	L
1	#FirstName	LastName	Account	GroupName	AvatarSmall	AvatarBig	OfficeNumber	MobileNumber	HomeNumber	OtherNumber	Favorite	CustomerRingMelody
2	TA	testA	1	All Contacts	avatar_small_default	avatar_large_default	123456789				FALSE	
3												
4												
5												
6												

5.14 Added support the different refuse code for different scenarios

When traffic is busy in different scenarios, ALE phones can customize refused code in different scenarios so that the peer end can receive customized information.

Parameter	FeatureNormalRefuseCode	config.xml
Description	It configures the return code for SIP response messages in the case of call rejection. Scenario coverage: Manually reject incoming calls, automatically reject incoming calls from blacklisted numbers, and automatically reject incoming calls caused by max call or call waiting off.	

Permitted Values	404 - 404(Not Found) 480 - 480(Temporarily Unavailable) 486 - 486(Busy Here) 600 - 600(Busy Everywhere) 603 - 603(Decline)	
Default	486	
Web UI	None	
Parameter	**FeatureDndRefuseCode**	**config.xml**
Description	It configures the return code of SIP response messages when DND enable rejects incoming calls.	
Permitted Values	404 - 404(Not Found) 480 - 480(Temporarily Unavailable) 486 - 486(Busy Here) 600 - 600(Busy Everywhere) 603 - 603(Decline)	
Default	486	
Web UI	None	
Parameter	**FeatureNoAnswerCode**	**config.xml**
Description	It configures the return code for SIP response messages when no answer times out.	
Permitted Values	404 - 404(Not Found) 480 - 480(Temporarily Unavailable) 486 - 486(Busy Here) 600 - 600(Busy Everywhere) 603 - 603(Decline)	
Default	486	
Web UI	None	

5.15 Added support port setting capability for pnp and ssh

Parameter	**DeviceProvisionPnpPort**	**config.xml**
Description	Configure pnp srouce port.	
Permitted Values	Integer from 1 to 65535	

Default	5082	
Web UI	None	
Parameter	**DeviceSecuritySshPort**	**config.xml**
Description	It configures the ssh port.	
Permitted Values	0-65535	
Default	22	
Web UI	None	

5.16 Added support custom tone

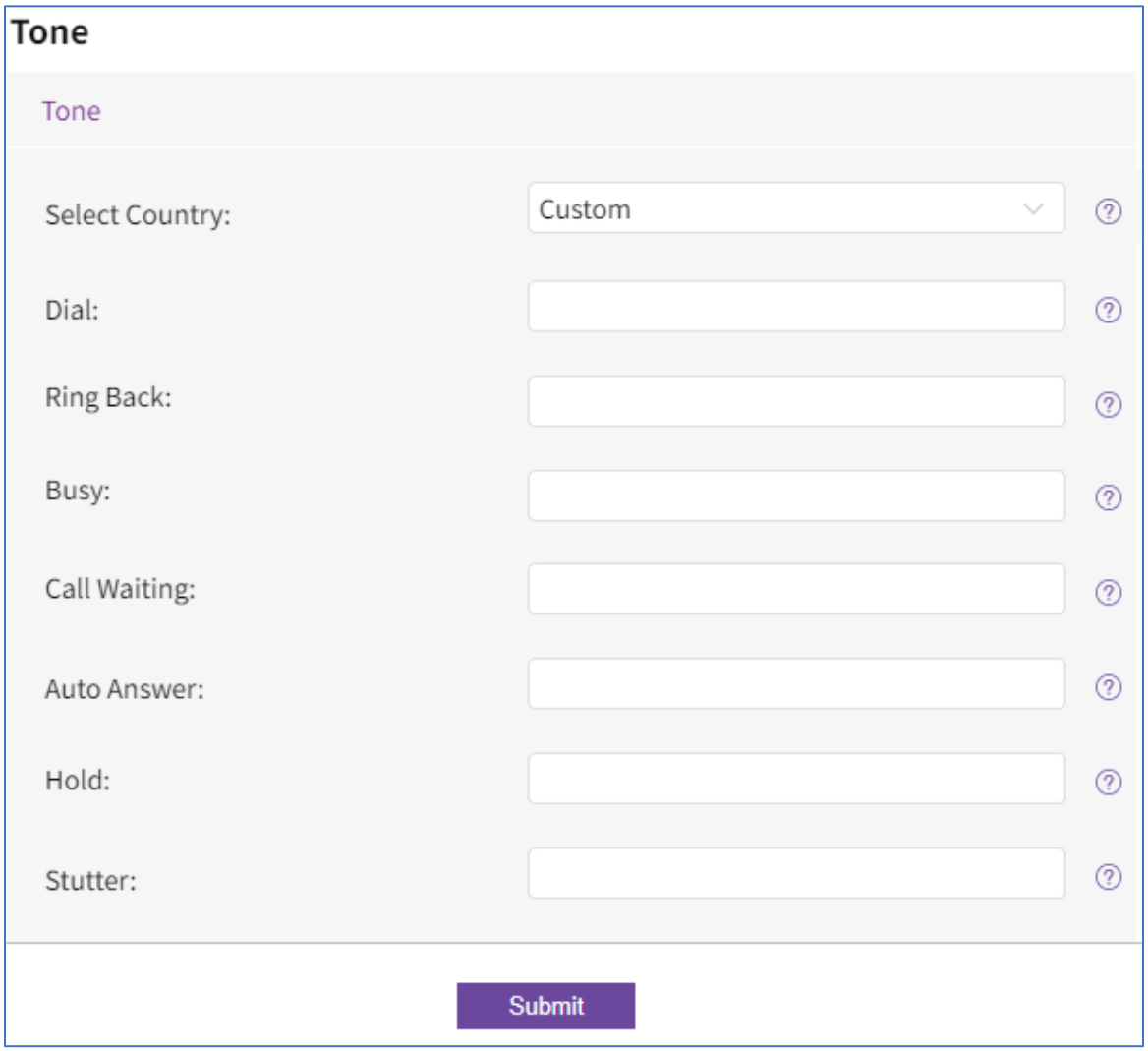
Although we have prefabricated a complete set of audio configuration options for different regions, you may want to customize your own audio to be more local, such as different frequencies, different duration, custom customer audio is a good way to meet this requirement.

Custom Tone example:
Tone = Freq/Duration[; Freq/Duration][; Freq/Duration]...
Freq = Freq1[+Freq2] [+Freq3][+Freq4]

Description:

- Freq/Duration indicates a group of frequencies. A Tone can contain a maximum of eight frequencies.
- A group of frequencies supports the juxtaposition of a maximum of two frequencies.
- Freq ranges from 200 to 4000 Hz, Duration ranges from 0 to 30000ms; Freq=0 indicates that the mute Duration is not played. You can set the mute duration by 0/Duration.
- Setting example: SettingDialTone = 200/1000; 0/1000; 200+2000/1000: After the Dial Tone is triggered, the frequency of 200Hz is played for 1s, and then the frequency of 200Hz and 2000Hz is muted for 1s, and then the two frequencies are played for 1s at the same time.
- Special value description:
    - Freq without /Duration indicates the frequency of the group. For example, 200/1000; 300 means that the frequency of 200Hz is played for 1s, and then the frequency of 300Hz is played all the way.
    - Tone with "!" It is played only once. For example: 200/1000; 0/1000; 200+300/1000, which means to play 1s at 200Hz, then mute 1s, then play 1s at both 200Hz and 300Hz, and then end Tone play.

WEB interface:
Path: Setting-Audio



The following table lists the parameters you can use to configure tones.

Parameter	**SettingDialTone**	**config.xml**
Description	Configure dial tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingSecondaryDialTone**	**config.xml**
Description	Configure secondary dial tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	

Default	Blank	
Parameter	**SettingRingBackTone**	**config.xml**
Description	Configure ring back tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingBusyTone**	**config.xml**
Description	Configure ring back tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingCongestionTone**	**config.xml**
Description	Configure congestion tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingCallWaitingTone**	**config.xml**
Description	Configure call waiting tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingRecallDialTone**	**config.xml**
Description	Configure recall dial tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	**SettingStutterTone**	**config.xml**
Description	Configure stutter tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	

Parameter	SettingAutoAnswerTone	config.xml
Description	Configure auto answer tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	SettingMessageTone	config.xml
Description	Configure Message tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	
Parameter	SettingSpecialInfoTone	config.xml
Description	Configure special information tone.	
Permitted Values	String within 511 characters. Invalid value does not take effect.	
Default	Blank	

5.17 Added support codec G726 for M8

5.18 Added support call display source

This section describes how to configure the call display source for ALE myriad phones. Users can select user-defined rules to determine whether to use local contact information or sip signaling contact information when making a call. The priorities for local contact information are as follows: Local Directory>Remote Phone Book>LDAP Directory>History

Note X means account ID. It can be number 1~8 for M3/M5/M7, and 1-20 for M8.

Parameter	CallDisplaySource	config.xml
Description	It configures a name matching priority policy for phone calls.	
Permitted Values	0 - Local Directory>Remote Phone Book>Network Contacts>LDAP Directory>Enterprise Directory>Network signaling 1 - Network signaling / SIP signaling	
Default	0	

Web UI	None	
Parameter	**FeatureDiversionInfoEnable**	**config.xml**
Description	It configures whether to display an incoming call with the Diversion header information. This scenario is mostly when the number is forwarded.	
Permitted Values	false: Do not display via information. true: Display via information.	
Default	true	
Web UI	None	
Parameter	**AccountXCallerSource**	**config.xml**
Description	When a SIP phone receives an incoming call, it obtains the peer information from the corresponding fields in the configured header priority sequence and displays the information. Note: three parameters need to be sorted in order of priority, and no missing or repeating is allowed	
Permitted Values	0: PAI 1: RPID 2: From/To	
Default	0;1;2	
Web UI	None	
Parameter	**AccountXCalleeSource**	**config.xml**
Description	When a SIP phone sends an outing call, it obtains the peer information from the corresponding fields in the configured header priority sequence and displays the information. Note: three parameters need to be sorted in order of priority, and no missing or repeating is allowed	
Permitted Values	0: PAI 1: RPID 2: From/To	
Default	0;1;2	
Web UI	None	

5.19 Added support customer language

To better satisfy the user's local language configuration and add user-defined functions, the current version has supported the customer language feature, user can modify or add the language.

Format:

- It should be noted that the file is a .txt format file.
- The inner separator is the tab key, not the space key. example: tab is between S_PLACED_CALLS and Chinese_simplified0.
- Only be one translation in a row.

Translation_Source CountryName Translation_Value

Example:

```
S_PLACED_CALLS  French  AppelsAAA passés
S_PLACED_CALLS  Chinese_simplified      呼叫
S_PLACED_CALLS  English Place Call
S_PLACED_CALLS  Custom  Call
```

Description:

- S_PLACED_CALLS: This is the translation source, which corresponds to the id of the phone in it.
- French/Chinese simplified: This is the language option identifier, which identifies the type of language that needs to be changed. In the example, four languages were changed.
- AppelsAAA passes / Place call: This is the last character you want to translate. The spacing between characters in this option is space, not tab.

The following table lists the parameters you can use to configure the phone.

Parameter	**SettingCustomLanguageUploadUrl**	**config.xml**
Description	It configures phone download custom language file url.	
Permitted Values	Configure a valid URL address format. Note: The function base parameter is set to Setting Language=99	
Default	BLANK	
Phone UI	None	

Submitting a Service Request

Please connect to our eService Request application.

Before submitting a Service Request, please be sure:

- The application has been certified via the AAPP if a third party application is involved.
- You have read the release notes that list new features, system requirements, restrictions, and more, and are available in the Technical Documentation Library.
- You have read through the related troubleshooting guides and technical bulletins available in the Technical Documentation Library.
- You have read through the self-service information on commonly asked support questions and known issues and workarounds available in the Technical Knowledge Center.

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