Yealink Phonebook Generation Tool User Guide

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Introduction

Note

Yealink phonebook generation tool is developed for automatically generating contact files available for Yealink IP phones. This tool is developed by Yealink. You can ask the distributor or the Yealink Field Application Engineer for this tool, or you can download it from website at: http://support.yealink.com/documentFront/forwardToDocumentFrontDisplayPage.

The information applies to the following Yealink IP phones:

- SIP-T46G, SIP-T42G, SIP-T41P and CP860 IP phones running firmware version 71 or later
- SIP-T48G IP phones running firmware version 72 or later
- SIP-T58V/A, SIP-T56A, SIP VP-T49G, SIP-T40P, SIP-T29G, SIP-T27P, SIP-T23P/G, SIP-T21(P) E2, SIP-T19(P) E2, CP960 and W56P IP phones running firmware version 80 or later
- SIP-T54S, SIP-T52S, SIP-T48S, SIP-T46S, SIP-T42S, SIP-T41S, SIP-T40G, SIP-T27G, CP920, W52P and W60 IP phones running firmware version 81 or later

Compatible operating systems: Win XP/64-bit version of Win7/64-bit version of Win8. Compatible excel: Microsoft Excel 2003 (32-bit or 64-bit).

Interface Description

Double click the application file to start the phonebook generation tool. This tool bases on the Microsoft Excel table. The screenshot of the main page is shown as below:

	0	C	D	1	7	ġ.	1
Department	Sase	Office Mumber	Nobile Number	Other Busher	Bead Portrait	Max Enterise Max Groups	10
						Create Remote	Phosebook
						Create Local I	hatebook

The first line includes the contact parameters configurable for Yealink IP phones. All these parameter names are encrypted and cannot be modified.

Users can use this tool to generate a local contact file or a remote phonebook file, and then import the contact file by auto provisioning to add contacts in bulk. For information about contacts on Yealink IP phones, please refer to *Yealink phone-specific user guide*.

The following table lists the contact parameters:

Department	
Description	This parameter specifies the group name of the contact.
Format	String
Maximum Characters	99
	To generate a local contact file:
	Yealink SIP-T48G/T46G/T42G/T41P/CP860 IP phones support up to 48 local contact groups, including the default Company , Family , Friend groups. The three groups have been removed from phones running firmware version 80 or later.
Maximum Groups	Yealink SIP-T58V/T58A/T56A/SIP VP-T49G/SIP-T54S/T52S/T48S/T46S/T42S/T41S/T40P/T40G/T29G/T27P /T27G/T23P/T23G/T21(P) E2/T19(P) E2/CP920/CP960 IP phones support up to 48 local contact groups.
	Yealink W60, W52P and W56P IP phones support one group.
	To generate a remote phonebook file:
	Yealink IP phones support up to 50 remote contact groups. There is no
	default contact group in the remote phonebook.
	To generate a local contact file:
	If this field is left blank, the contact record will be added in the default
Note	local contact group named as All Contacts .
	To generate a remote phonebook file: If this field is left blank, the contact record will be ignored in the generated remote phonebook file.
Name	
Description	This parameter specifies the contact name.
Format	String
Maximum Characters	99
	If multiple records include the same contact name, only the first record will take effect after importing to Yealink IP phones. To generate a local contact file:
Note	If this field is left blank, the contact record will be ignored in the generated local contact file.
	To generate a remote phonebook file: If this field is left blank, the contact name will be null in the generated

	remote phonebook file.
Office Number/M	obile Number/Other Number
Description	These parameters specify the office/mobile/other numbers of the contact. Note: W52P and W52P IP DECT phones only support office number and mobile number.
Format	String
Maximum Characters	32
Note	Contact Office Number, Mobile Number and Other Number are optional.
Head Portrait (On phones)	ly apply to T58V/A, T56A, T49G, T48G/S, T46G/S, T29G and CP960 IP
Description	This parameter specifies the head portrait of the contact.
Format	String
Maximum Characters	32
Value Format	For SIP-T54S/T52S IP phones:Contact.pngBlacklist.pngFamily.pngFriend.pngFor SIP-T46G/T46S/T29G IP phones:default_contact_image.pngicon_family_b.pngicon_friend_b.pngicon_blacklist_b.pngFor SIP-T48G/S IP phones:default_contact_image.pngicon_blacklist_b.pngfor SIP-T48G/S IP phones:default_contact_image.pngfamily.pngfamily.pngfamily.pngfriend.pngFor SIP VP-T49G IP video phones:The default contact image.png
	For SIP VP-149G IP video phones: The default contact image.png bluetooth_default.png

	customer.png
	family.png
	friend.png
	For SIP-T58V/T58A/T56A IP phones:
	The default contact image.png
	customer.png
	family.png
	friend.png
	For CP960 IP phones:
	The default contact image.png
	blacklist.png
	customer.png
	family.png
	friend.png
	To fill a complete path:
	Config:< <i>picturename</i> >.png
	Config:< <i>picturename</i> >.jpg
	Config:< <i>picturename</i> >.bmp
	This means to assign a customized picture for the contact head
	portrait. The customized picture for the contact head portrait must be
	imported to the phone in advance.
Note	If this field is left blank, the contact record uses the default head
	portrait.

Using the Phonebook Generation Tool

The following shows how to generate a local contact file or a remote phonebook file using the phonebook generation tool.

Generating a Local Contact File

To generate a local contact file:

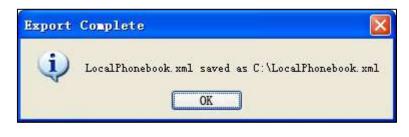
- **1.** Double click the application file to start the phonebook generation tool.
- 2. Click on 🍋 ->Save As.
- 3. Select Excel Macro-Enabled Workbook from the pull-down list of Save as Type.
- 4. Click the **Save** button to save the tool to the local system.
- 5. Double click to start the phonebook generation tool from the local system.

6. Click the **Options...** button beneath the Office ribbon.

9	9 -	(°" -) =						
	Home	Insert	Page Layout	Formulas	Data	Review	View	Ac
Paste	Gut Copy Garma	t Painter		• 11 • A		= <mark>=</mark> 8 = = :		ि Wra चि Mer
	Clipboard	Gi.	For	nt	G.		Alignmen	t
🥥 s	ecurity Warn	ing Macr	os have been disa	bled. Opt	tions			

- 7. Mark the **Enable this content** radio box in the pop-up dialogue box, and click the **OK** button.
- 8. Fill the value of each contact parameter according to the practical situation.
- 9. Click the Create Local Phonebook button to generate the local phonebook file.

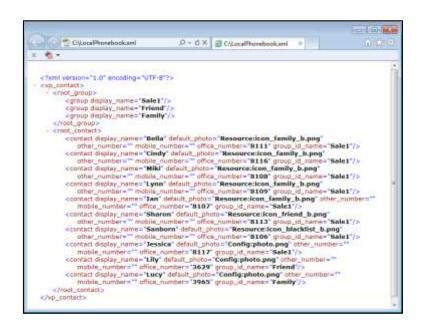
The tool prompts a local contact file is generated successfully and the default path is the C root directory "C:\". User can change the stored path. For more information, refer to Appendix A: Managing the Config.cfg File on page 11.



Note If user does not have the write permissions for disk C:, the local phonebook file will fail to generate. Please change the stored path or contact your system administrator.

You can then find the local phonebook file in the destination directory.

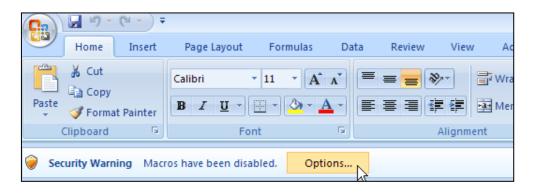
The following shows an example of LocalPhonebook.xml:



Generating a Remote Phonebook File

To generate a remote phonebook file:

- **1.** Double click the application file to start the phonebook generation tool.
- 2. Click on 🍋 ->Save As.
- 3. Select Excel Macro-Enabled Workbook from the pull-down list of Save as Type.
- 4. Click the **Save** button to save the tool to the local system.
- 5. Double click to start the phonebook generation tool from the local system.
- 6. Click the **Options...** button beneath the Office ribbon.



- 7. Mark the **Enable this content** radio box in the pop-up dialogue box, and click the **OK** button.
- **8.** Fill the value of each contact parameter according to the practical situation.
- **9.** Click on the **Create Remote Phonebook** button to generate the remote phonebook file. The default path is the C root directory "C:\". User can change the stored path. For more

information, refer to Appendix A: Managing the Config.cfg File on page 11.



Note If user does not have the write permissions for disk C:, the remote phonebook file will fail to generate. Please change the stored path or contact your system administrator.

You can then find the remote phonebook file in the destination directory.

The following shows an example of RemotePhonebook.xml:

		C:/Remote/honeboo	Kami =	0.97
0 -				
7xml version="1.0" encoding="UTF-8"	11			
Yealink/PPhoneBook>				
<title>Yealink</title>				
- «Menu Name-"Sale1">				
«Unit Name="Bella" default_phi	ate="Resourc	section_family_b.pn	g" Phone 3 to ** Phon	#22 ***
Phone1="8111"/> climit Name="Cindy" default_ph	the state of the		Section and an	Contrade 1
Phone 1="8116"/>	soton Resour	cencon_tamoy_b.pe	Phone a Phone	ne 2 million
-Unit Name="Hiki" default_pho	to- Resource	cicon family b.pnd	* Phone 3+** Phone	2-**
Phone 1 = "0100"/>				
dunit Name="Lynn" default_phi	oto="Resourc	eticon_family_b.pn	g" Phone3="" Phon	e2=
Phone1="8109"/>			-	
-Unit Name="Ian" default_phot Phone I = "8107"/>	0= Resource	sicon_tainity_b.png	Phone - Phone	2=
cunit Name="Sharon" default 1	oboto - "Respa	receircon friend b.	and" Phone3 - "" Ph	0062 -
Phone1="8113"/>				and the second
<unit default;<="" name="Sanborn" th=""><td>_photo - Rese</td><td>surce:icon_blacklist</td><td>b.png" Phone3-*</td><td>Phone2-**</td></unit>	_photo - Rese	surce:icon_blacklist	b.png" Phone3-*	Phone2-**
Phone1="8106"/>	1	1923 1973	State State	
<unit default_j<br="" name="Jessica">Phone1="8117"/></unit>	photo = Confi	pphoto.png" Phone	=" Phone3 = "	
c/Menus				
- «Menu Name» "Friend">				
«Unit Name="Lity" default_phot	c="Config:ph	into.png" Phune3.s **	Phone2 a ** Phone1	="3629"/>
		The second second second second	The second and the second	
- «Menu Name="Family">	the Propellaria			
	sta="Config:p	hoto.png" Phone3="	Planta Planta	1= 3963.1>
 «Menu Name="Friend"» «Unit Name="Lily" default_phut 	aa"Config:pb	4000e5 (00000)		

Uploading Local Contact File via Web User Interface

To upload the local contact file via web user interface:

For SIP-T58V/T58A/T56A/SIP

VP-T49G/SIP-T54S/T52S/T48S/T46S/T42S/T41S/T40P/T40G/T29G/T27P/T27G/T23P/T23 G/T21(P) E2/T19(P) E2/CP860/CP920/CP960 IP phones:

The following takes the SIP-T46G IP phone running firmware version 81 as an example.

- 1. Press the **OK** key on the phone when it is idle to obtain the IP address.
- 2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press **Enter**.
- 3. Enter the user name and password in the login page.

The default login user name is admin (case-sensitive) and the password is admin (case-sensitive).

- 4. Click on Directory->Local Directory.
- 5. Click Browse to locate the contact list file from your local system.

Yealink						-			Log Out AmGroaddi •
Teannik (1466	Status	Account	Network	DSSKe	r Fea	tures	Settings	Directory	Security
Local Directory	Index	Rame	Office Number	Motole Mamber	Other Number	All Conta	ds • 🗉	NOTE	
Remote Phone Book Phone Gal Info UDAP Hulticant IP Setting	1 2 3 4 5 8 7 8 7 10 7 10 7 10 7	Proy Rest	Hang Up	Deinte Al	Osiete	Nove To	All Contax +	The bulk-in-planer direct store the names and plan members of your cantact You can add new proup contacts, eddt, deleta or for a contact, or simply d contacts, redt, deleta or for a contact, or simply d contact manber from the directory.	
	Directory Name Office Number Noble Number Noble Number Ring Tone Group Account, Photo Photo Group Settin Group Ring	Auto Auto Auto data	ontacta • • •k_contact_# • EBR	Import Los	ad Photo ad Photo al Directory No file celec No file selec	tad. t XHL tad.	Show Title	mere guides.	ick here to get

6. Click Import XML to import the contact list.

The web user interface prompts "The original contact will be covered, Continue?".

7. Click **OK** to complete importing the contact list.

For W52P/W56P/W60 IP DECT phones:

- 1. Press the OK->Status->Base on the handset when it is idle to obtain the IP address.
- 2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press **Enter**.
- **3.** Enter the user name and password in the login page.

The default login user name is admin (case-sensitive) and the password is admin (case-sensitive).

- 4. Click on **Directory**->Local Directory.
- 5. Select the desired handset from the pull-down list of Import to.

6. Click **Browse** to locate a contact list file from your local system.

ealink wsee							Log O. Engleh/Engleh)	
	Status	Account	Network	Features	Settings	Directory	Security	
Local Directory	R	e Template Down	load				NOTE	
Remote Phone Book	.CSV file template .XHt, file template			Download			Import	
				Download			Bronse the file in XML format.	
LDAP Moticast IP Setting	la	port Contacts Droot to Select .cm file fo Select .cm file fo		Handbet 1 Browne ho Browne ho Browne ho Browne			Export Cick Export fuction and create file with whose name you and to export.	
	Ð	port Contacts						
		Export from		Handset 1				
		Export .ray file		Export	1 N			
		Export ami file		Export				
		Delete Contacts		Delete				

- 7. Click Import to import the contact list.
- 8. Click **OK** to complete importing the contact list.

Configuring an Access URL for Remote Phone Book via Web User Interface

The following takes the SIP-T46G IP phone running firmware version 81 as an example.

To configure an access URL for remote phone book via web user interface:

- 1. Press the **OK** key on the phone when it is idle to obtain the IP address.
- 2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press **Enter**.
- 3. Enter the user name and password in the login page.

The default login user name is admin (case-sensitive) and the password is admin (case-sensitive).

- 4. Click on Directory->Remote Phone Book.
- 5. Enter the access URL in the **Remote URL** field.

6. Enter the name (e.g., Xmyl) in the **Display Name** field.

	Status	Account Network D55	skey Features Settings	Directory Security
Local Directory	Intera	Remote URL	Display Name	NOTE
Bomute Phone	1 100	x//10.2.5.214/RemotePhonebook.ami	Xaty	Remote Phone Book
Book	2			It is a centrally maintained phone back, stored on the
Phone Call Info	3			remote server.
			1	Users only need the access U of the remete above book. T
LDAP	5			IP phone can establish a connection with the remote
Multicent IP				server and download the pho book, and then display the
Netting	anco	ming/Outgoing Call Lookup	Disabled • 👩	remote phone book entries a the phone user interface.
	Upda	te Time Interval(Seconds)	21600	📵 You can click here to get

7. Click **Confirm** to accept the change.

Uploading Phonebook Files Using the Configuration File

To upload the two phonebook files using the configuration file:

1. Add/Edit the parameters in the configuration file.

The following table shows the parameters information:

Parameters	Description	Value	
For SIP-T58V/T58A/T56A/SIP			
VP-T49G/SIP-T54S/T52S/T48S/T46S/			
T42S/T41S/T40P/T40G/T29G/T27P/T			
27G/T23P/T23G/T21(P) E2/T19(P)			
E2/CP860/CP920/CP960 IP phones:	It specifies the access URL of the local		
local_contact.data.url	contact file.	URL	
For W52P/W56P/W60 IP DECT	/W56P/W60 IP DECT		
phones:			
handset.X.contact_list.url			
(X ranges from 1 to 5)			
	It specifies the access URL of the		
remote_phonebook.data.X.url	remote phonebook.	URL	
(X ranges from 1 to 5)	Note : It is not applicable to SIP-T20P IP	UKL	
	phones.		
	It specifies the display name of the		
remote_phonebook.data.X.name	remote phonebook item.	String	
(X ranges from 1 to 5)	Note : It is not applicable to SIP-T20P IP	String	
	phones.		

The following sample shows the configuration of the local phonebook and remote

phonebook in the configuration file:

local_contact.data.url = http://10.2.5.214/LocalPhonebook.xml
remote_phonebook.data.1.url = http://10.2.5.214/RemotePhonebook.xml
remote_phonebook.data.1.name = Xmyl

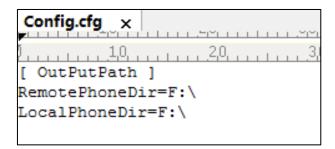
2. Upload the configuration file and two phonebook files to the root directory of the provisioning server and perform auto provisioning to download the two phonebook files for Yealink IP phones.

For more information on auto provisioning, refer to the corresponding auto provisioning guide: For Yealink IP phones running old firmware version (old auto provisioning mechanism), refer to *Yealink_SIP-T2 Series_T19(P) E2_T4_Series_CP860_W56P_IP_Phones_Auto_Provisioning_Guide*. For Yealink IP phones running new firmware version (new auto provisioning mechanism), refer to *Yealink_SIP IP Phones Auto Provisioning_Guide_V81*.

Appendix A: Managing the Config.cfg File

The Config.cfg file is used to specify the stored path for the remote phonebook and local phonebook. It is especially useful for the users who do not have write permissions for disk C:. You can open and edit the Config.cfg file with a text editor such as UltraEdit.

The following figure shows an example of the Config.cfg file:



In the above example, the remote phonebook and local phonebook will be saved to the specified path: F root directory "F:\".

You can modify the stored path for remote phonebook or local phonebook on the right of the equal sign. If it is left blank, the remote phonebook or local phonebook will be automatically saved to the default path: C root directory "C:\".