Yealink Phonebook Generation Tool User Guide

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Introduction

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:

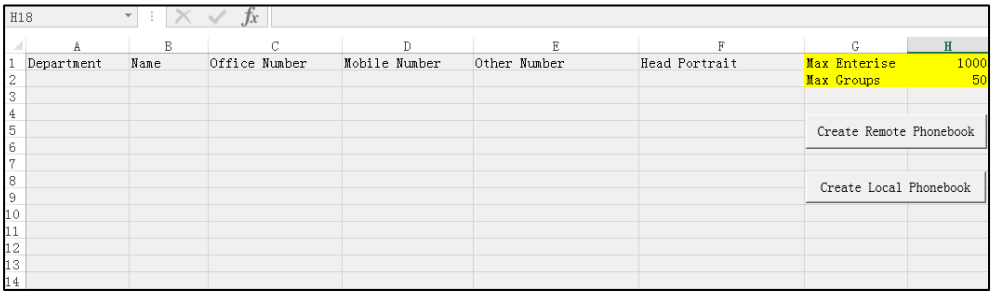
- VP530 IP video phone running firmware version 70 or later
- SIP-T46G, SIP-T42G, SIP-T41P and CP860 IP phones running firmware version 71 or later
- SIP-T48G IP phones running firmware version 72 or later
- SIP-T58V/A, SIP-T56A, SIP VP-T49G, SIP-T40P, SIP-T29G, SIP-T27P, SIP-T23P/G, SIP-T21(P) E2, SIP-T19(P) E2, W56P IP phones running firmware version 80 or later
- SIP-T48S, SIP-T46S, SIP-T42S, SIP-T41S, SIP-T40G, SIP-T27G and W52P IP phones running firmware version 81 or later

Note

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:



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
Maximum Groups	**To generate a local contact file:** Yealink VP530 IP video phones support up to 48 local contact groups, including the default **Company**, **Family**, **Friend** groups. 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. Yealink SIP-T58V/T58A/T56A/SIP VP-T49G/SIP-T48S/T46S/T42S/T41S/T40P/T40G/T29G/T27P/T27G/T23P/T23G/T21(P) E2/T19(P) E2 IP phones support up to 48 local contact groups. Yealink 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.
Note	**To generate a local contact file:** If this field is left blank, the contact record will be added in the default 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
Note	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:** 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/Mobile 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 (Only apply to T58V/A, T56A, T49G, T48G/S, T46G/S, T29G and VP530 IP phones)	
Description	This parameter specifies the head portrait of the contact.
Format	String
Maximum Characters	32
Value Format	**To fill a default path:** **For SIP-T46G/T46S/T29G IP phones**: default_contact_image.png icon_family_b.png icon_friend_b.png icon_blacklist_b.png **For SIP-T48G/S IP phones**: default_contact_image.png customer.png family.png friend.png **For SIP VP-T49G IP video phones**: The default contact image.png bluetooth_default.png customer.png family.png friend.png

	For SIP-T58V/T58A/T56A IP media phones: The default contact image.png customer.png family.png friend.png **For VP530 IP video phones**: Default_contact_image.png icon_family_b.png icon_friend_b.png icon_blacklist_b.png This means to assign a system head portrait for the contact. **To fill a complete path:** Config:<*picturename*>.png Config:<*picturename*>.jpg Config:<*picturename*>.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

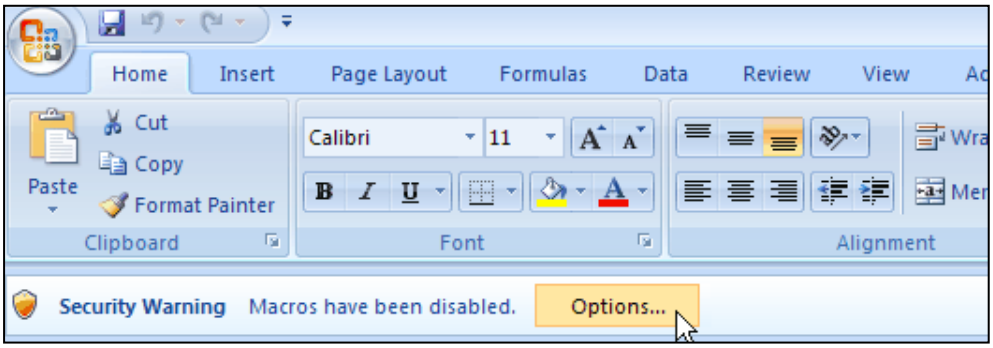
The following shows how to generate a local contact file or a remote phonebook file using the phonebook generation tool.

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.



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.

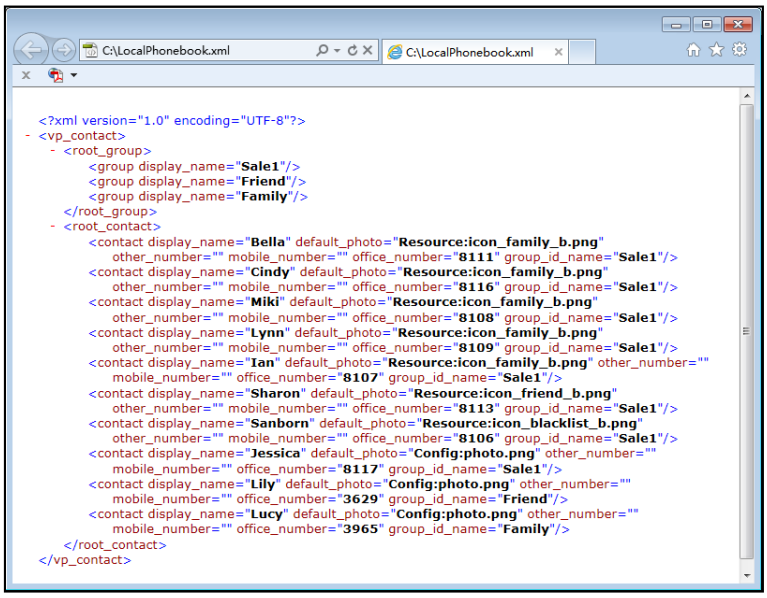
   The tool prompts a local contact file is generated successfully and the default path is the C root directory "C:\". User can change the stored path. For more information, refer to Appendix A: Managing the Config.cfg File on page 11.

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.

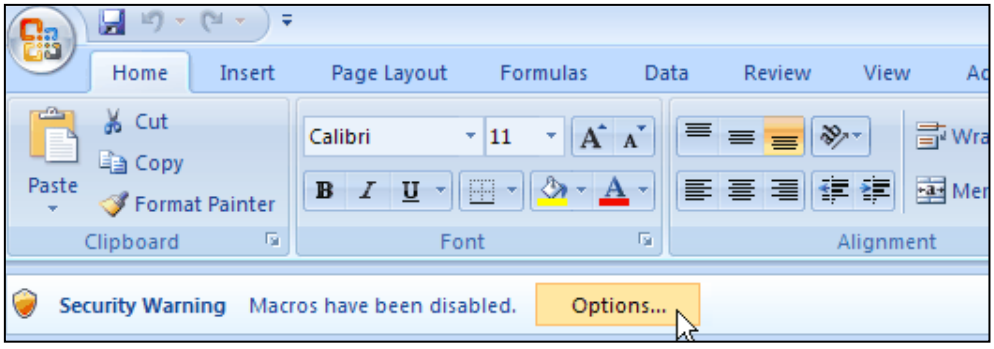
The following shows an example of LocalPhonebook.xml:



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

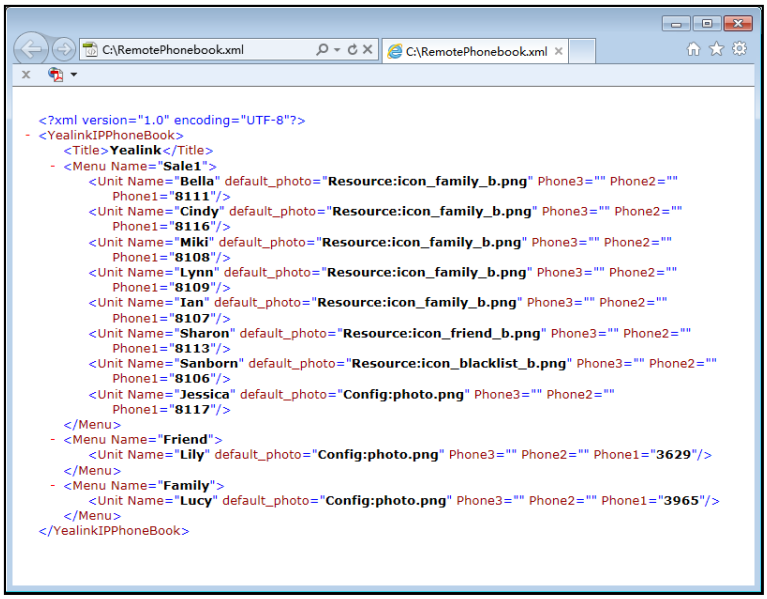
information, refer to Appendix A: Managing the Config.cfg File on page 11.

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:



Uploading Local Contact File via Web User Interface

To upload the local contact file via web user interface:

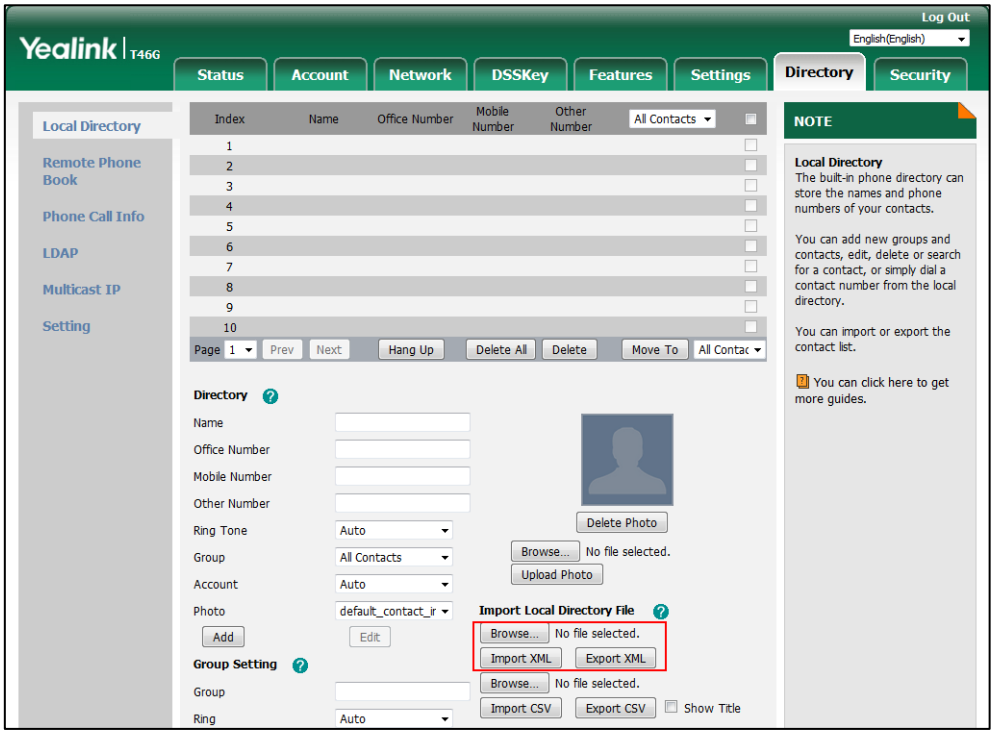
For SIP-T58V/T58A/T56A/SIP VP-T49G/SIP-T48S/T46S/T42S/T41S/T40P/T40G/T29G/T27P/T27G/T23P/T23G/T21(P) E2/T19(P) E2 IP phones:

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.



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.

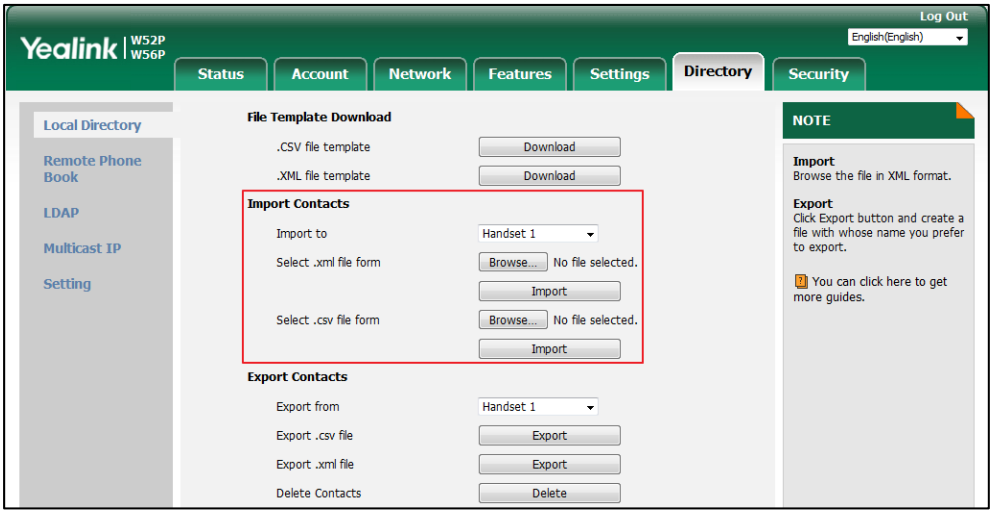
For W52P/W56P IP DECT phones:

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.



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

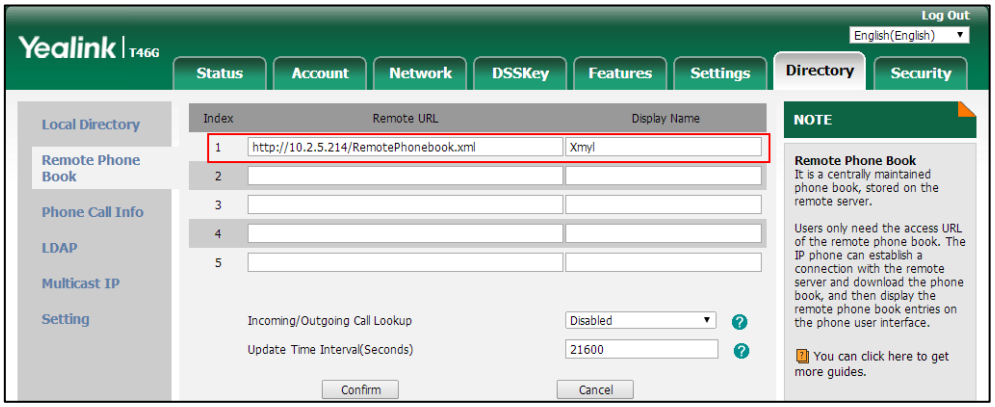
The following takes the SIP-T46G IP phone running firmware version 81 as an example.

To configure an access URL for remote phone book via web user interface (not applicable to SIP-T20P IP phones):

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.



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-T48S/T46S/T42S/T41S/ T40P/T40G/T29G/T27P/T27G/T23P/T 23G/T21(P) E2/T19(P) E2 IP phones: **local_contact.data.url** For W52P/W56P IP DECT phones: **handset.X.contact_list.url** (X ranges from 1 to 5)	It specifies the access URL of the local contact file.	URL
remote_phonebook.data.X.url (X ranges from 1 to 5)	It specifies the access URL of the remote phonebook. **Note**: It is not applicable to SIP-T20P IP phones.	URL
remote_phonebook.data.X.name (X ranges from 1 to 5)	It specifies the display name of the remote phonebook item. **Note**: It is not applicable to SIP-T20P IP phones.	String

   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:

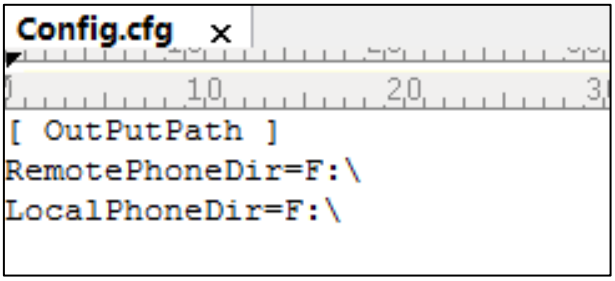
For Yealink IP phones running old firmware version (old auto provisioning mechanism), refer to *Yealink_SIP-T2 Series_T19(P) E2_T4_Series_CP860_W56P_IP_Phones_Auto_Provisioning_Guide*.

For Yealink IP phones running new firmware version (new auto provisioning mechanism), refer to *Yealink_SIP-T2_Series_T19(P) E2_T4_Series_T5 Series_W5_Series_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:\".