Innovative IP Voice & Video

Grandstream Networks, Inc.

GXP2200

GUI Customization Guide

Grandstream Networks, Inc.

www.grandstream.com

Index

Table of Figures

INTRODUCTION

OVERVIEW

Grandstream GXP2200 Enterprise Multimedia Phone for Android^{TM} is an innovative smart desk phone loaded with tremendous value for web-integrated business communications as well as capability for advanced custom applications development and personalization. Based on Android^{TM} operating system 2.3, GXP2200 allows users to customize the GUI desktop layout as well as GUI configuration on the phone, offering users with flexibility and control. The GUI configuration includes displaying/hiding certain applications, configuring parameters on the phone with specific configuration items, controlling the display appearance and enabling/disabling some applications and much more.

This document describes how to use the Grandstream Graphical GUI Customization Tool to customize the GXP2200 GUI settings and applications. This tool allows users to do the following on applications running on the GXP2200.

- Turn on/off applications
- Add new folders for applications
- Personalize phone display
- Set up parameters

The Grandstream GXP2200 Graphical GUI Customization Tool is available for downloading from the following link:

http://www.grandstream.com/tools/gui_customization_tool_v3.2.zip

GUI CONFIG TOOL MENU

On the top menu bar of the GUI Config Tool, users could click on the buttons to do the following:
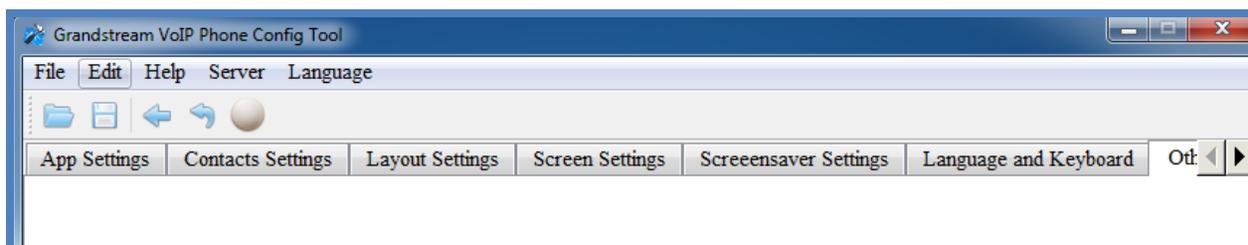
Figure 1: GUI CONFIG TOOL MENU

- Open gxp2200cust file.

- Save the configuration to gxp2200cust file

- Go back to the home page of the GUI Config Tool

- Reset the configuration on the current setting window.

- Turn on HTTPD server.

GUI CONFIG TOOL EMBEDDED HTTP SERVER

The GUI Config Tool has a built-in HTTP server. The generated gxp2200cust file will be saved under directory "GuiConfigTool_3.2" and the HTTP server will point the downloading path to the directory.

Follow the steps below to configure the GXP2200 to download the gxp2200cust file from the built-in HTTP server.

1. After saving the gxp2200cust file, click on button to start the HTTP server.
2. The HTTPD server request information window will show. All the detected IP address from your PC's network card will be displayed. In the figure below, **ServerIP3: 192.168.40.197** is the valid IP address of the HTTP server.
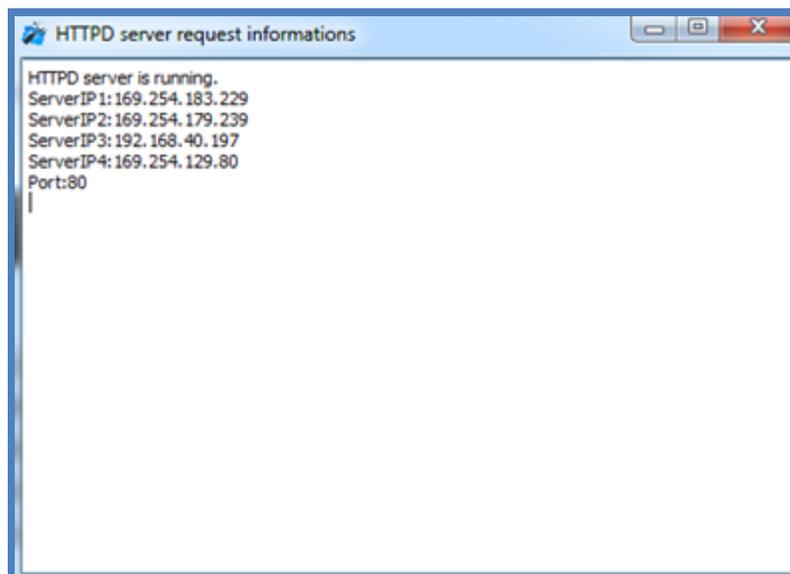
Figure 2: HTTP SERVER ON

3. Go to GXP2200 web GUI->Maintenance->Upgrade, configure "192.168.40.197" as the "Config Server Path" and select "Upgrade Via" as "HTTP". Save and reboot the phone.
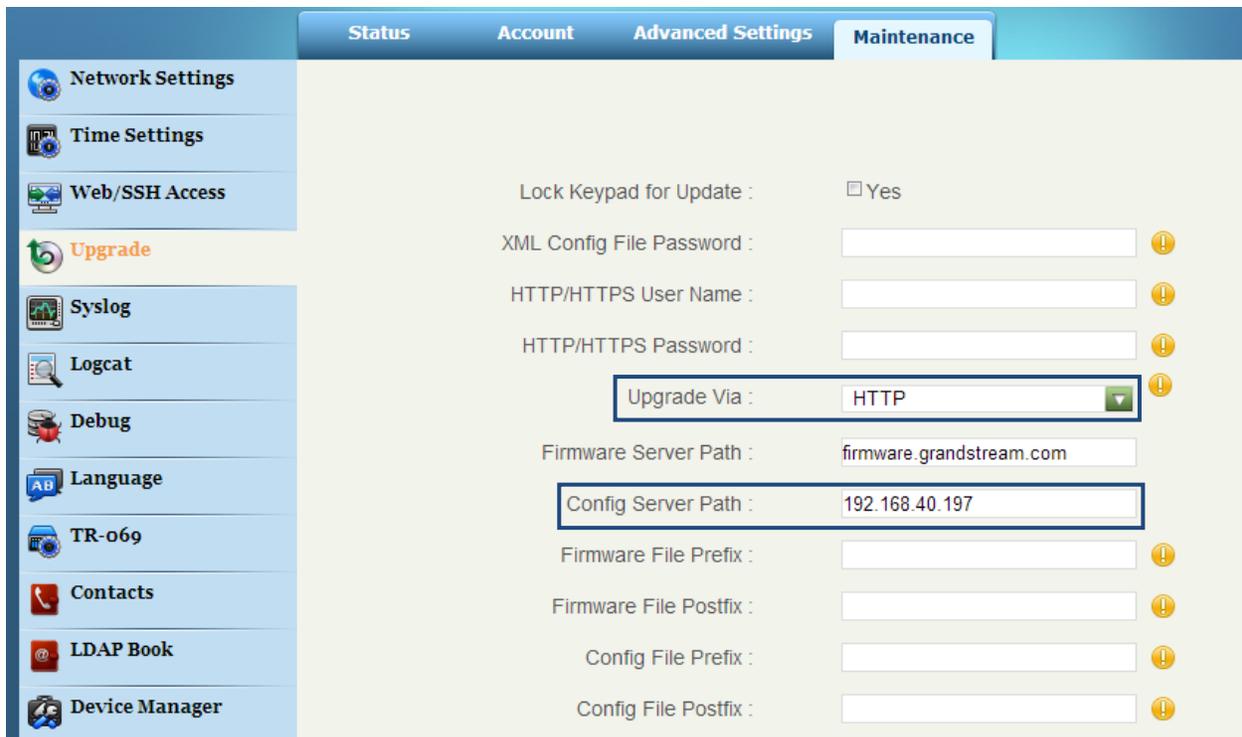
Figure 3: GXP2200 WEB GUI CONFIGURATION

4. The file sending log will be displayed in the HTTPD server request information window.
5. Once the GXP2200 finishes downloading the gxp2200cust file, it will reboot again with the new GUI display.

6. To turn the HTTP server off, click on the ● button.
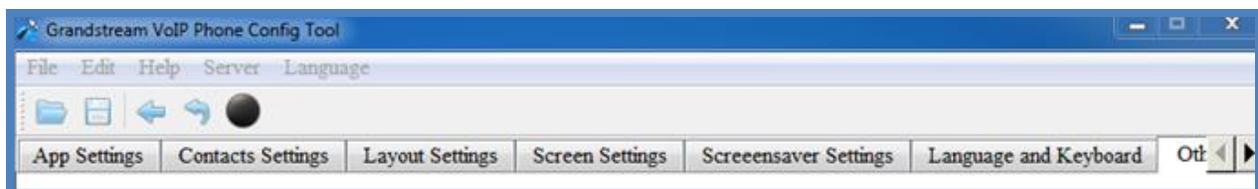
Figure 4: TURN OFF HTTP SERVER

HOW TO CUSTOMIZE GXP2200 LCD GUI

1. Unzip the tool package. Double click on "Grandstream VoIP Phone Config Tool.exe" to start up the

tool. Single click on GXP2200 picture to get into the GXP2200 GUI customization interface.

2. Set up the configurations and parameters in each tab of the tool.

3. Generate the GXP2200 custom file "gxp2200cust" by clicking on "File"->"Save". The tool also allows users to import and edit the existing custom files.

4. The generated gxp2200cust file will be saved under the directory of GuiConfigTool_3.2 by default.

   The tool has an embedded HTTP server which can be turned on by clicking on ⬤ button. It points the server directory to the gxp2200cust file. For centralized development, users could also put the generated file to your own HTTP/TFTP/HTTPS server.

5. Point the phone's config server path to the directory on the server where the custom file locates. If users uses the tool's embedded HTTP server, point the phone's config server path to the PC's IP address, which will be displayed in the HTTPD server window once the server is turned on.

6. Reboot the phone to trigger the GXP2200 to send out request for gxp2200cust file. The phone will reboot again once successfully downloading the gxp2200cust file.

7. After booting up, the GXP2200 will display the customized GUI.

Note:

Before starting using the GUI Customization, please upgrade your GXP2200 to the latest firmware version. The firmware release information can be found in the following link:

http://www.grandstream.com/support/firmware

CONFIGURATION GUIDE

APP SETTINGS

The figure below shows the "App Settings" section on the GUI Config Tool. Users could configure the following for the applications and widgets on the GXP2200.

- Click on the checkbox to enable or disable the application or widget to be loaded on the GXP2200.
- Create folders. Right click on the App Settings panel and select "addSubmenu" to create a folder. It will be displayed on the top of the list.
- Edit menu layout structure by dragging the applications into folders. Widgets (e.g., Weather Widget) cannot be placed into a folder.
- Add an application. Right click on the App Settings panel and select "add3rdApp". Select an icon and the apk file from your local PC to upload to the GUI Config Tool.
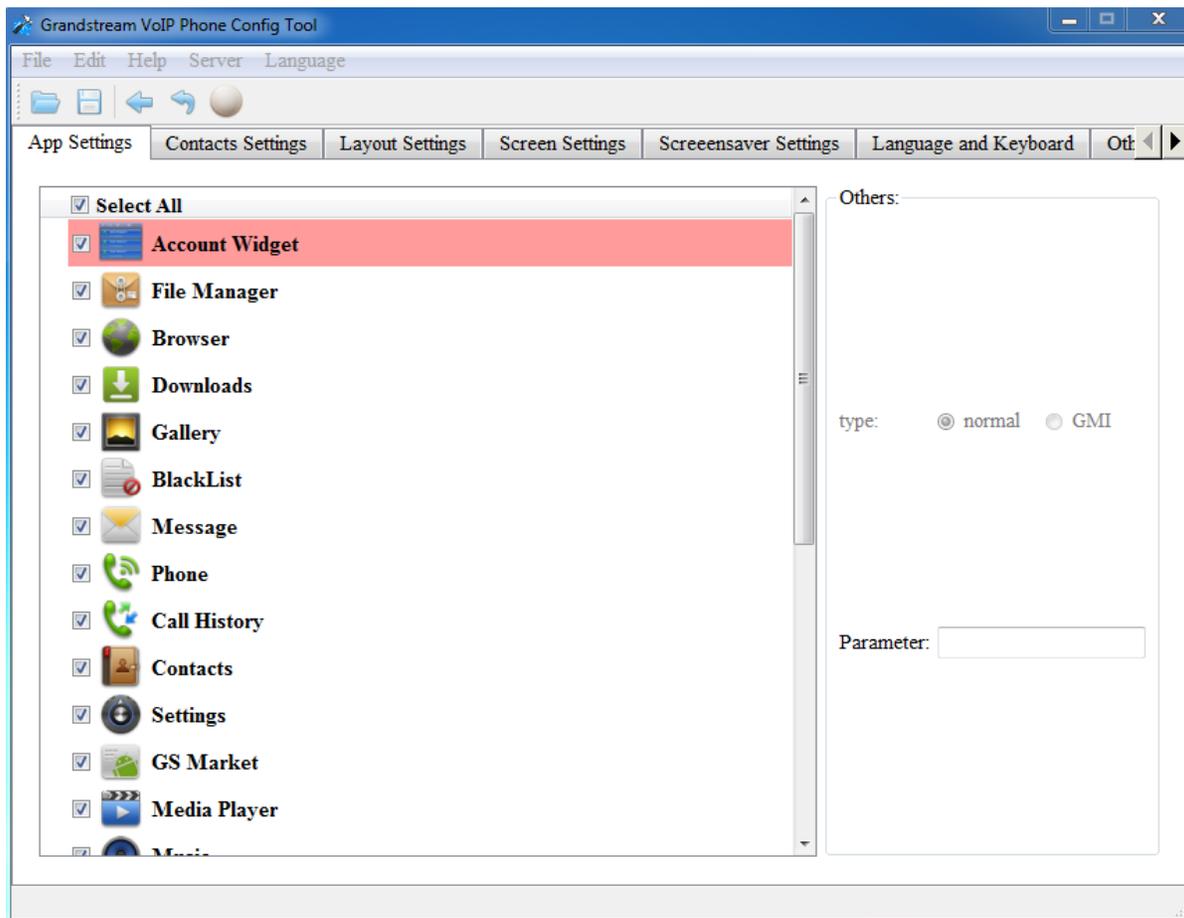
Figure 5: APP SETTINGS

EXAMPLE: ADD 3rd PARTY APP FROM LOCAL PC

1. Right click on the App Settings panel and select "add3rdApp".
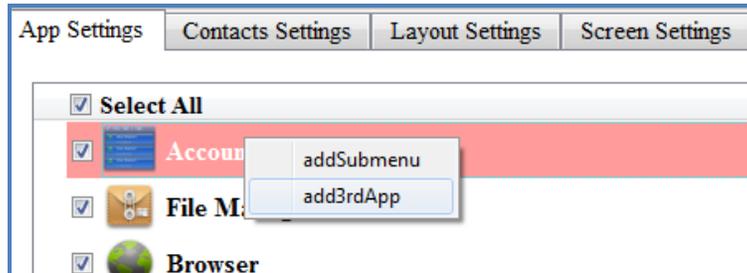
Figure 6: ADD 3rd PARTY APP - STEP 1

2. In the prompted dialog window, select icon and fill in the Display Name for the app. Then click on "Browse" to select the apk file from local PC.
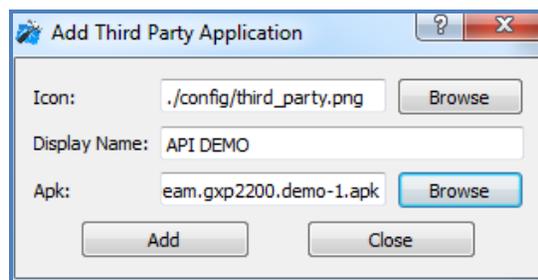
Figure 7: ADD AN APP - STEP 2

3. Click on "Add" to upload the apk file. It will be added into the list.
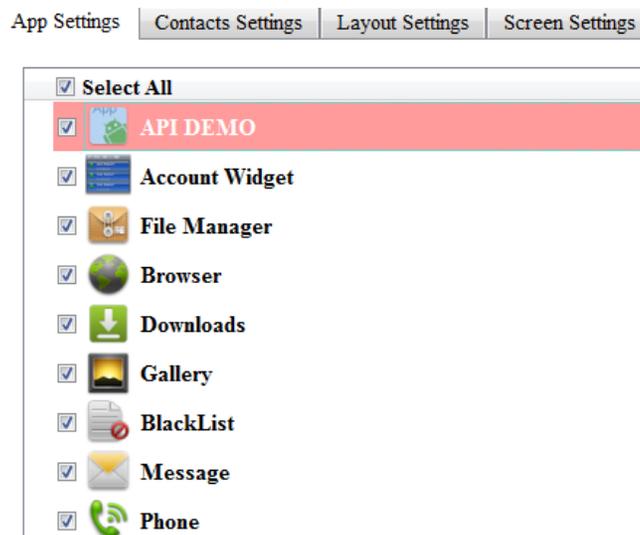
Figure 8: ADD AN APP - STEP 3

CONTACTS SETTINGS

The following figure shows the "Contacts Settings" section in the GUI Config Tool. In this section, parameters for phonebook downloading, import and export can be set up for the GXP2200.
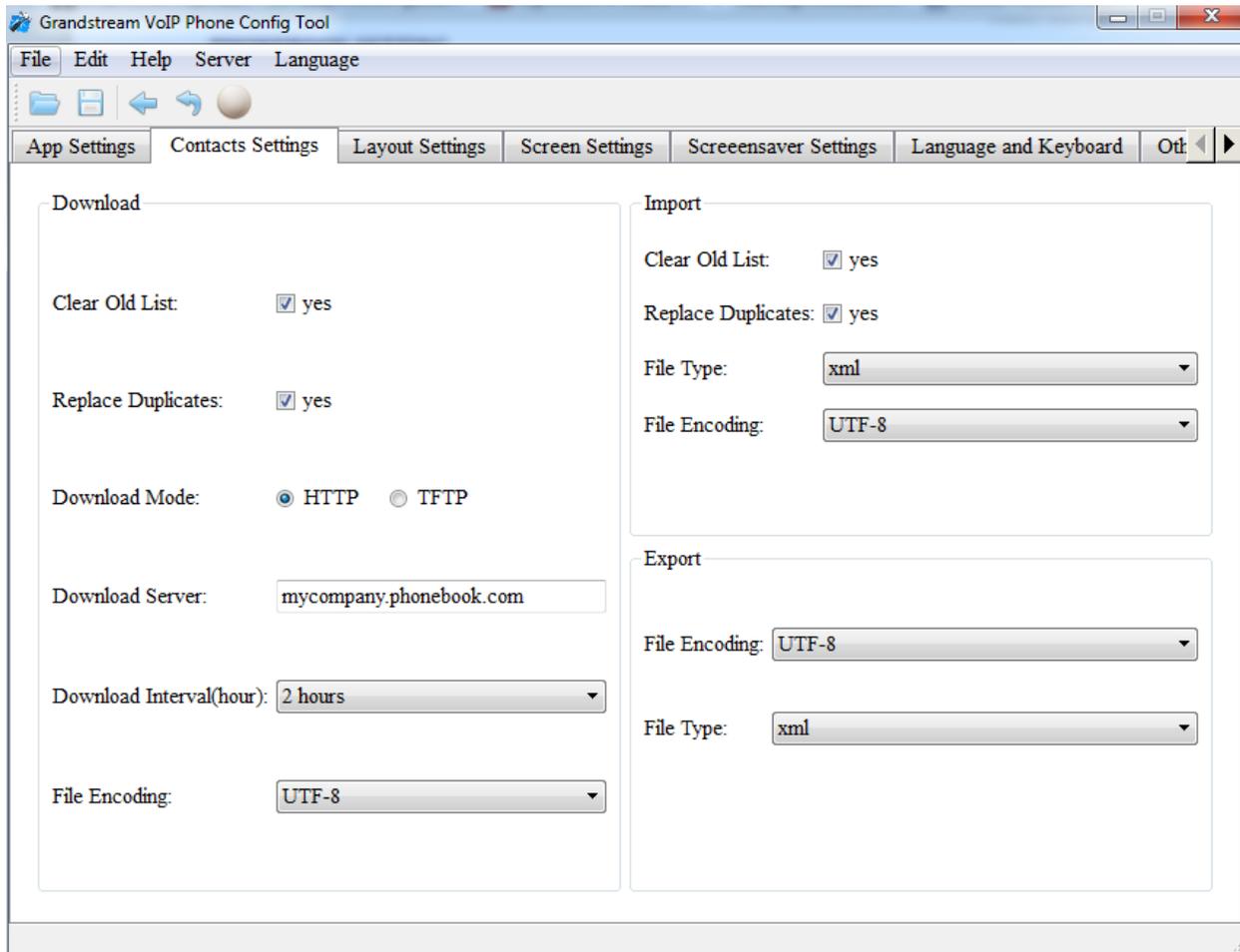
Figure 9: CONTACTS SETTINGS

LAYOUT SETTINGS

The figure below shows the "Layout Settings" section in the GUI Config Tool. Users could customize the following for the GXP2200 desktop layout.

- Select the screen to be configured by clicking on the page number on the right panel.
- Select the current screen as home screen by clicking on the "HomePage" button.
- Click on "Delete" button to delete the current screen.
- Click on "+" button to add a new screen.

- For each screen, select "Add Icon" or "Add Widget" on the top. Then directly drag and place the application/widget icon from the bottom list to the desktop. If the application or widget has been disabled in "App Settings" section, it has to be enabled/loaded first if placed on the screen.
- Right click to remove the app or widget icon from the desktop.
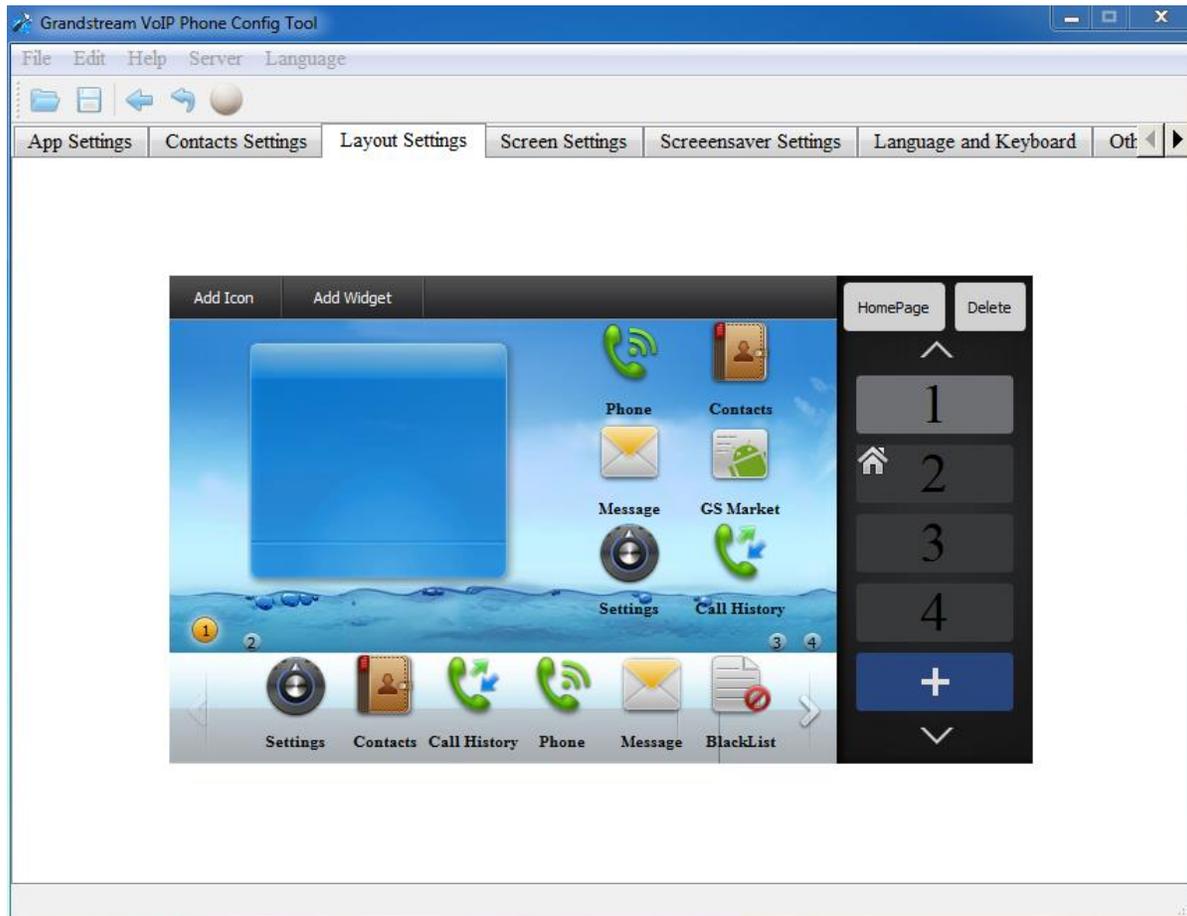
Figure 10: LAYOUT SETTINGS

SCREEN SETTINGS

This section configures the desktop background picture on the GXP2200. Users could select the pre-loaded picture from the right panel, or upload customized pictures from local PC.

Note:

The recommended picture size is 640 x 272. If the uploaded picture is too large, the GUI Config Tool will automatically process the picture and the actual effect on the GXP2200 may be different from the original file.
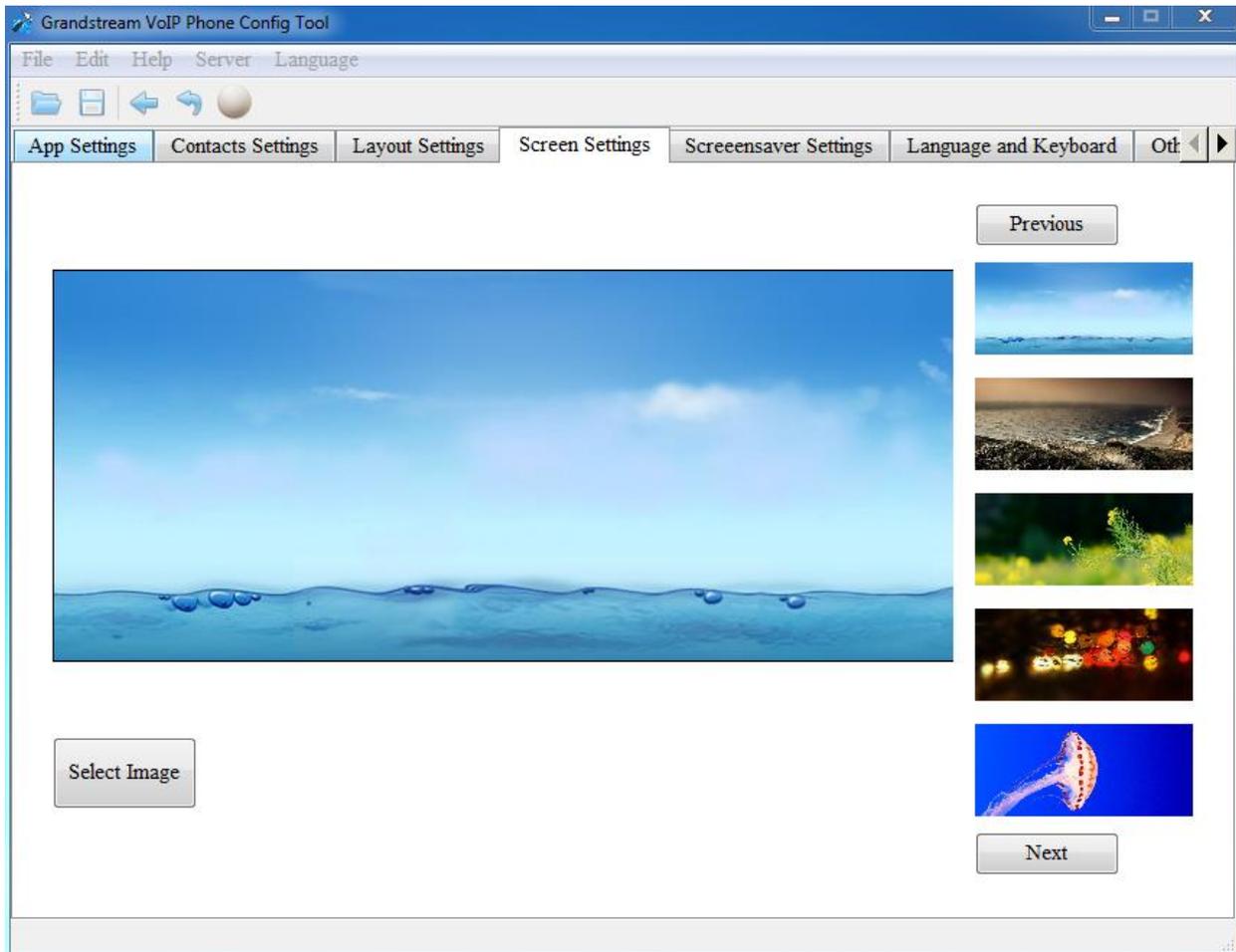
Figure 11: SCREEN SETTINGS

SCREENSAVER SETTINGS

This section configures the screen saver settings on the GXP2200 (see figure below). The options are the same as in GXP2200 LCD settings->Display->Screensaver Settings.
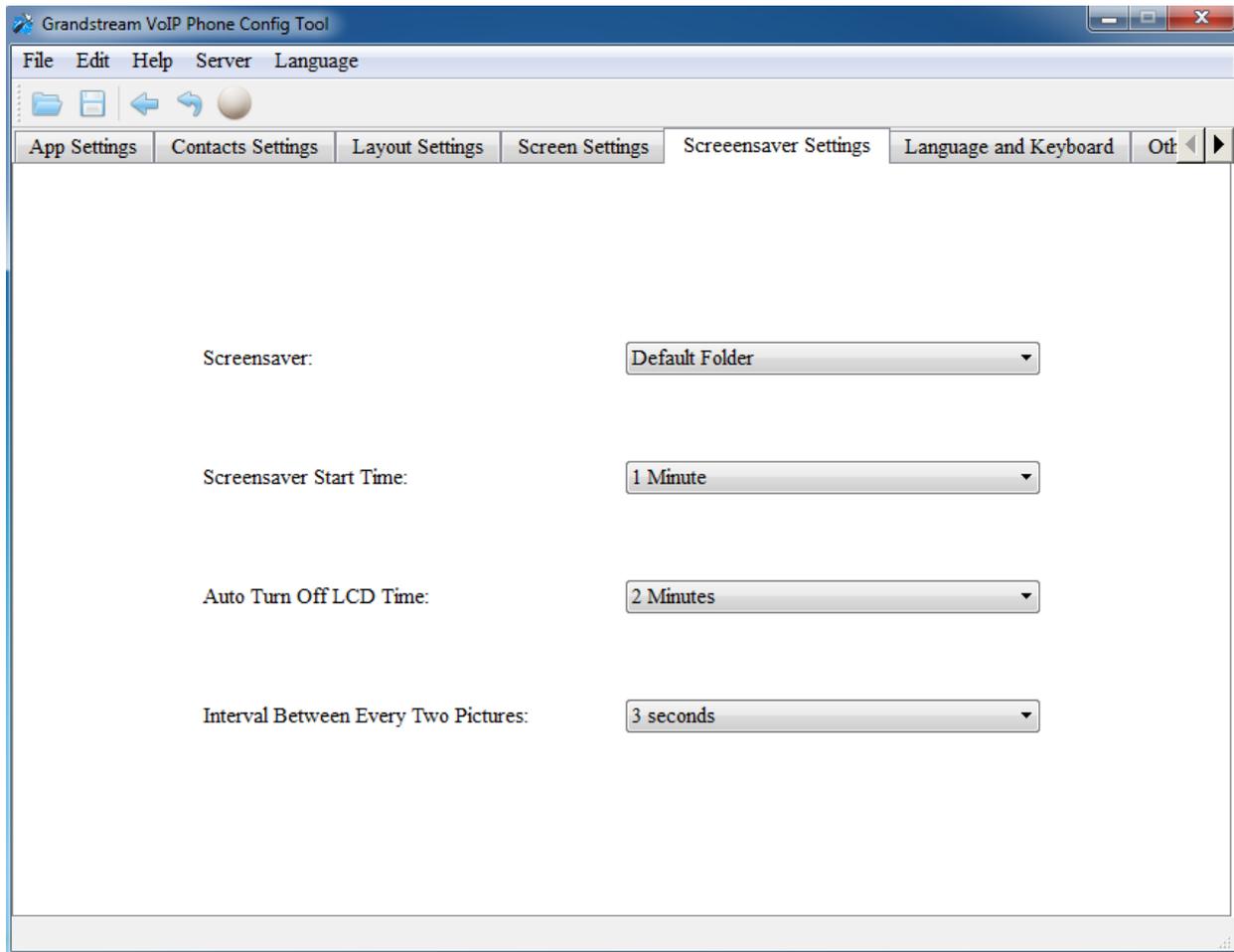
Figure 12: SCREENSAVER SETTINGS

LANGUAGE AND KEYBOARD SETTINGS

This section configures language and keyboard settings on the GXP2200.

- Configure the language to be used on the GXP2200.
- Configure the input method to be used on the GXP2200.
- Import language from local PC.
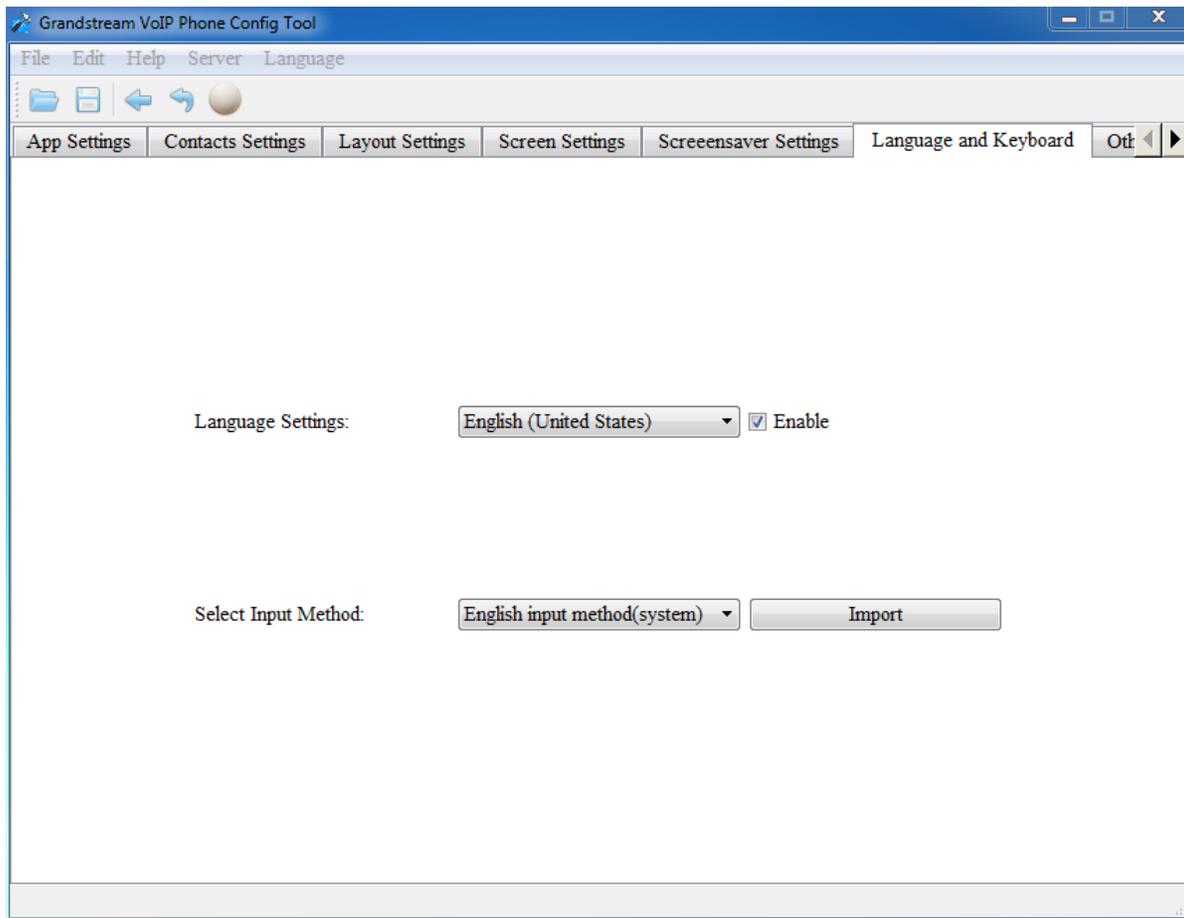
Figure 13: LANGUAGE AND KEYBOARD SETTINGS

OTHER SETTINGS

This section configures the system settings widget (5x1) if added on the GXP2200. Users could select the order of the system settings options on the widget.
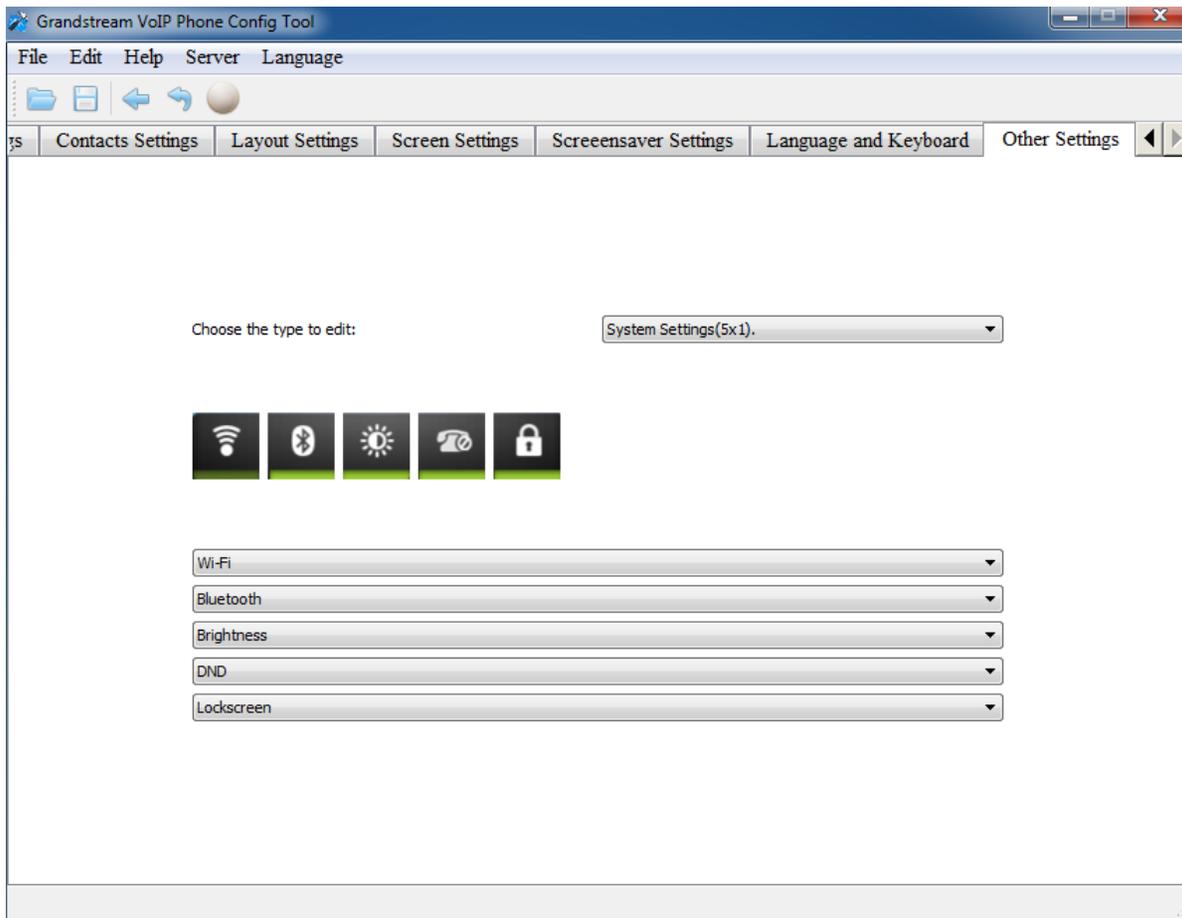
Figure 14: OTHER SETTINGS

EXPERIENCING THE GXP2200

Please visit our website: http://www.grandstream.com to receive the most up- to-date updates on firmware releases, additional features, FAQs, documentation and news on new products.

We encourage you to browse our product related documentation, FAQs and User and Developer Forum for answers to your general questions. If you have purchased our products through a Grandstream Certified Partner or Reseller, please contact them directly for immediate support.

Our technical support staff is trained and ready to answer all of your questions. Contact a technical support member or submit a trouble ticket online to receive in-depth support.

Thank you again for purchasing Grandstream Enterprise Application phone, it will be sure to bring convenience and color to both your business and personal life.

* Android is a trademark of Google Inc.