XTMS APP Operation Manual (Base on XTMS-v1.2.20)

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Catalog

I.XTMS App-Intro

XTMS App is an application used by NEXGO's N5 and N3 Smart POS to update firmware, applications, parameters from remote servers.

XTMS App have three modules: Update, Settings and Others. The list below is the function introduction of XTMS App.

The entry of XTMS App is **on Desktop. Then Click** Online update

to launch XTMS App to update.

The FW/App cache files of XTMS App is saved in "internal sdcard/xtms/ " folder.
The log files of XTMS App are saved in "internal sdcard/xtms_log/ " folder.
The parameters files of XTMS App are saved in "internal sdcard/xtms_param/ " folder.

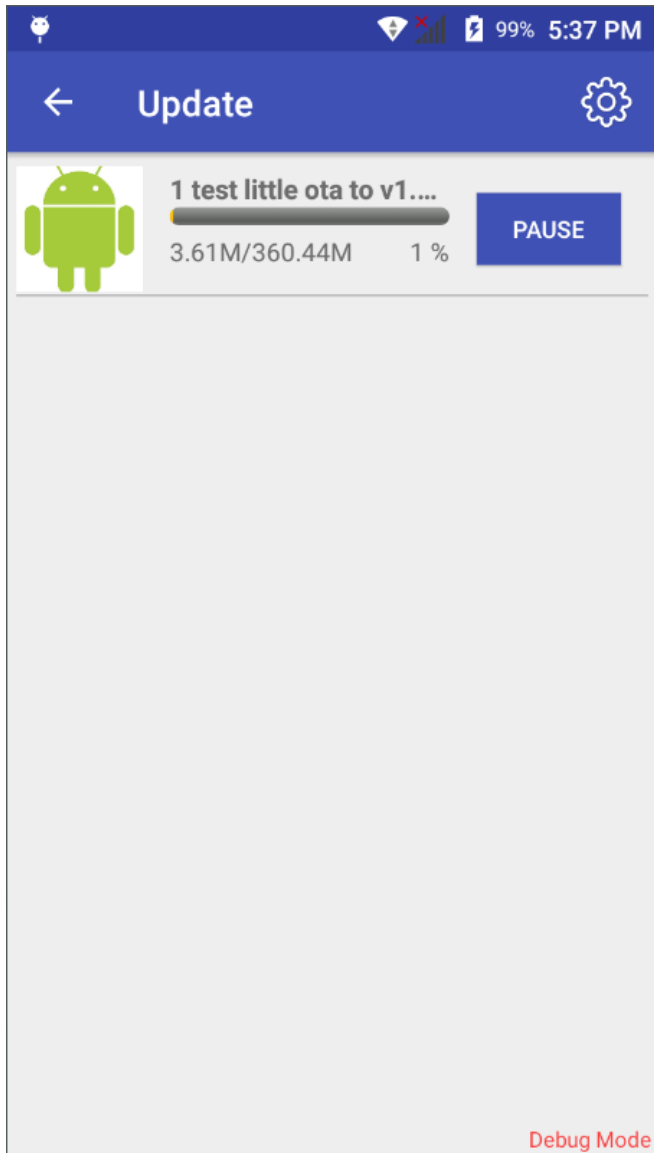| Primary Function	Secondary Function	Tertiary Function
Update	OTA Update	
	App Update	
	Param Update	
Settings	Update Server Setting	URL Setting
		URL Addition
	Download Setting	Silent Download Setting
		WIFI Download Setting
	Reboot Setting	Reboot Time Setting
		Day Circulate Setting
	Language Setting	
	App Version	
Others	AIDL	

II.XTMS App-Function Intro

1.Update

There are three modules on Update function: OTA Update, App Update and Param Update. After Users create task on XTMS Server, XTMS App will execute the download and update task.

A）OTA Update

After Users create OTA Update task on XTMS Server, XTMS App will download OTA and update it.
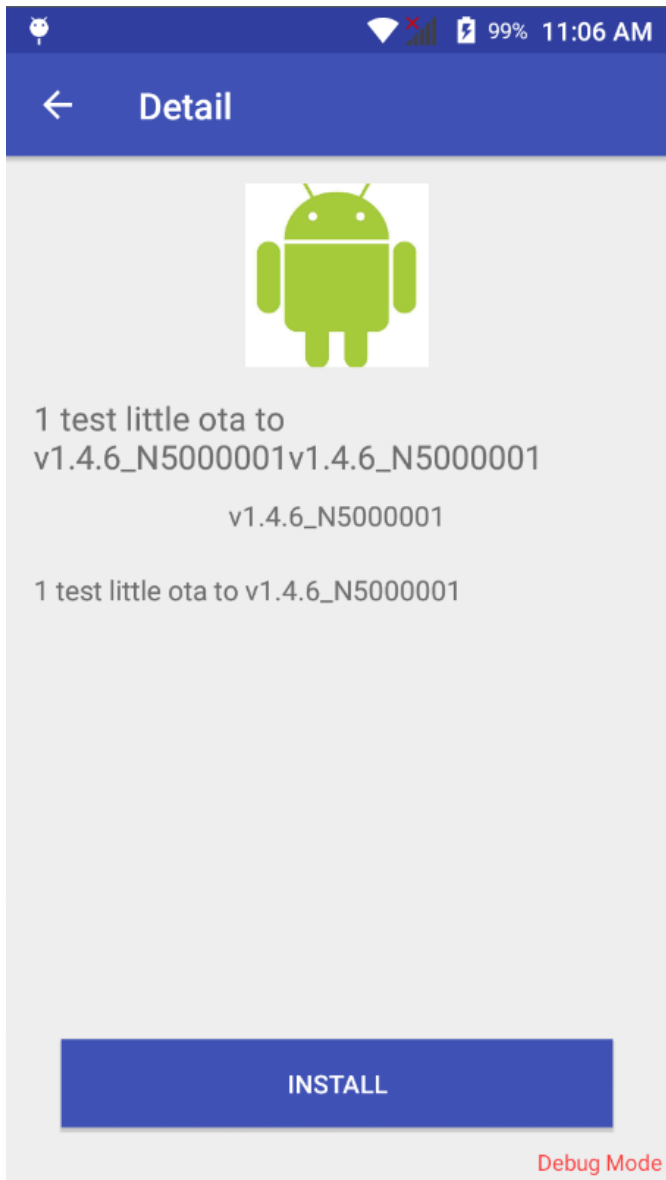
OTA Update Page

In this page XTMS App displays the name of OTA package, download progress and download status. The list can be pulled to refresh.

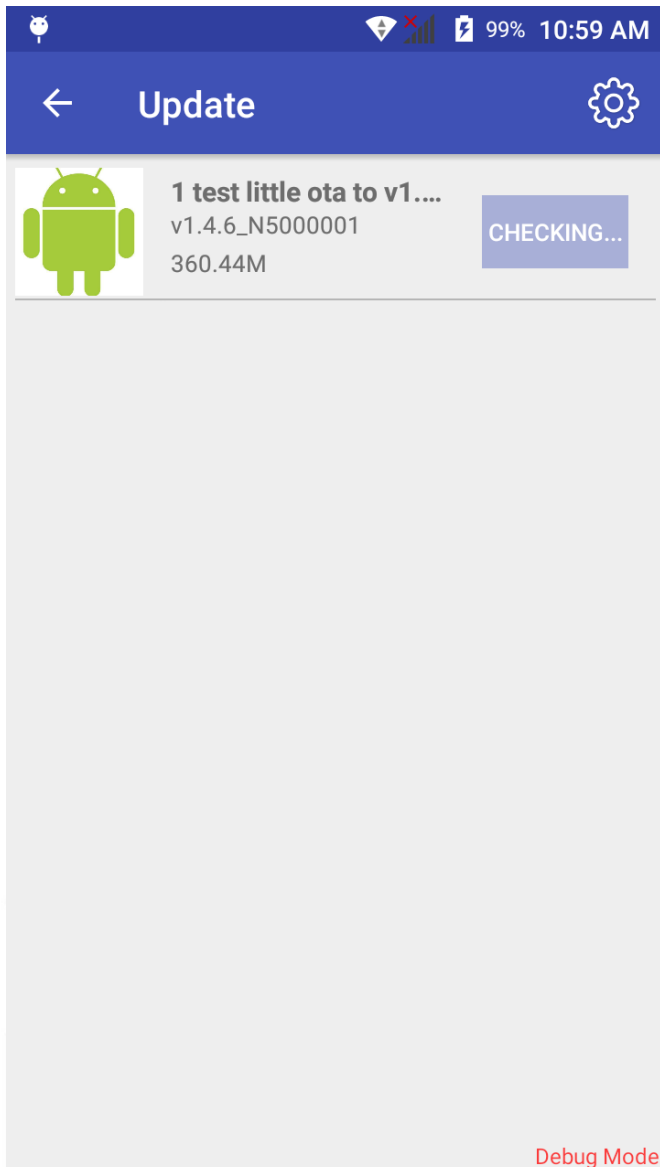Users can get the information of download status from the button and operate the task to pause or continue.

By clicking the item of the list to enter the task detail page.

OTA Update Detail Page

This Page also shows the name of OTA, version of OTA, download progress and status, and the introduction of the task.
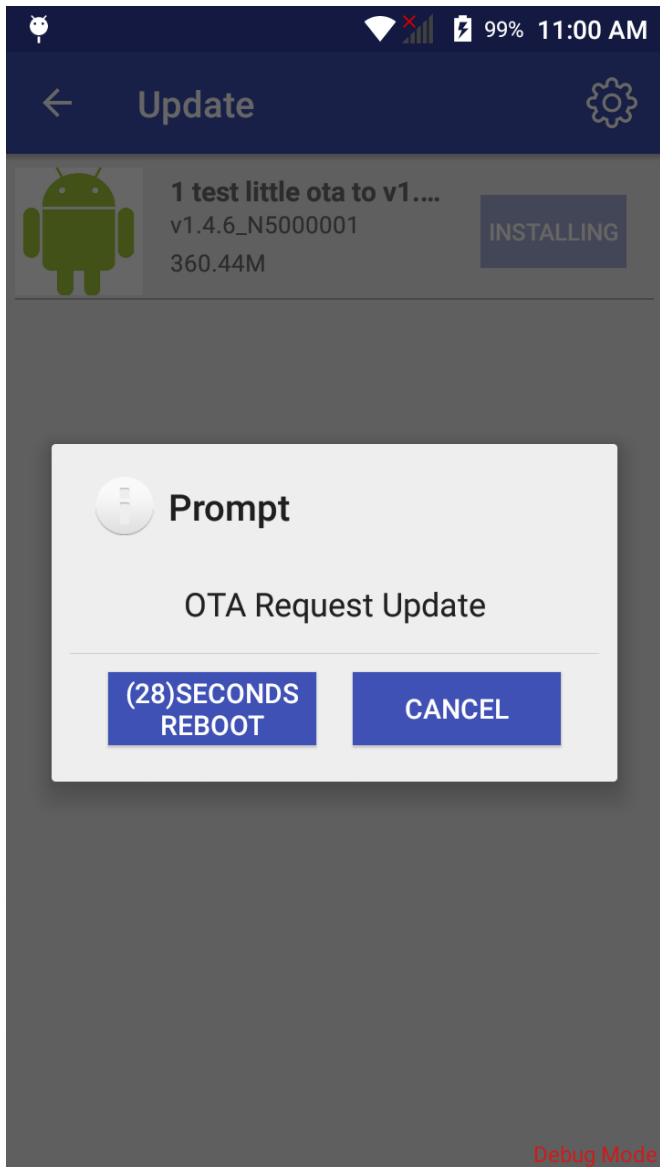
OTA Check

XTMS App will check the md5 of OTA file after downloaded completely to insure the integrality of it.

If the file package is very big, the cost of check time will be longer too. Wait patiently until the check finishes.

After check, if the screen is off, the device will reboot and install new OTA, or it will show a notice dialog.
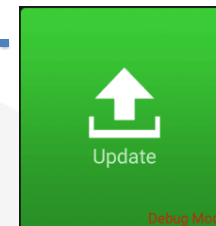
OTA Update Dialog

After check, if the screen is still on, the device will show a notice dialog, and a 30-second countdown will be started.

When the countdown is finished or users click the reboot button, the device will reboot and start to install OTA.

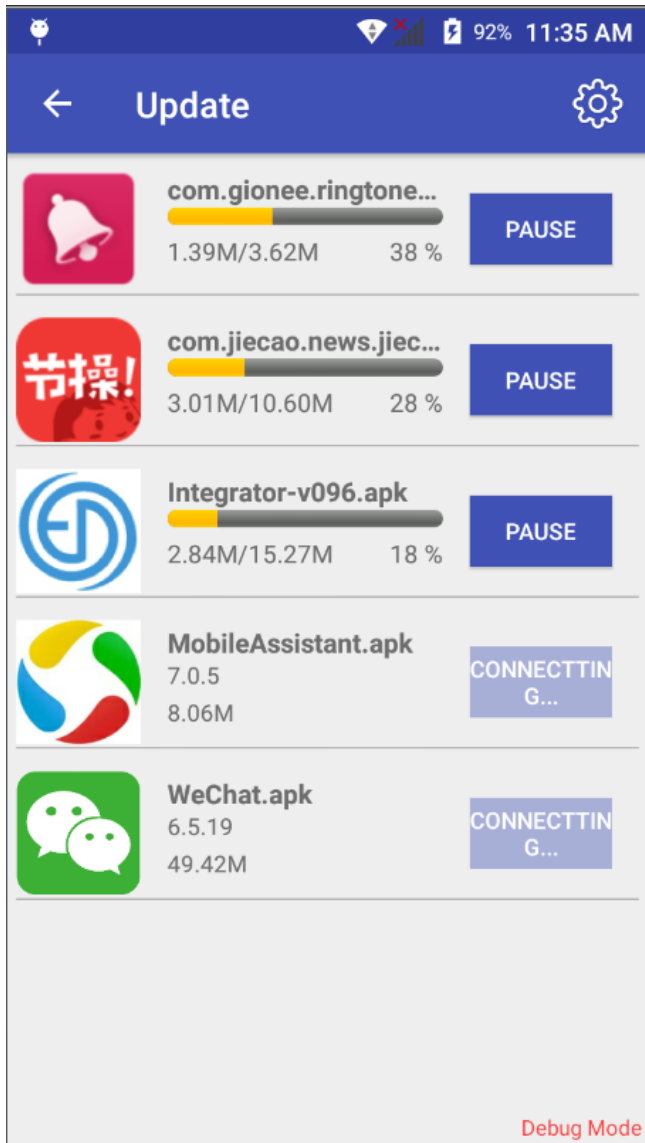If clicking "CANCEL" button, the task will hangs.

You can check the current version of firmware in the Update button on desktop.

B）App Update

After Users created App Update task on XTMS server, XTMS App will download App and update it.

App Update Page

This Page also shows the name of app, download progress and status, and the icon of app.
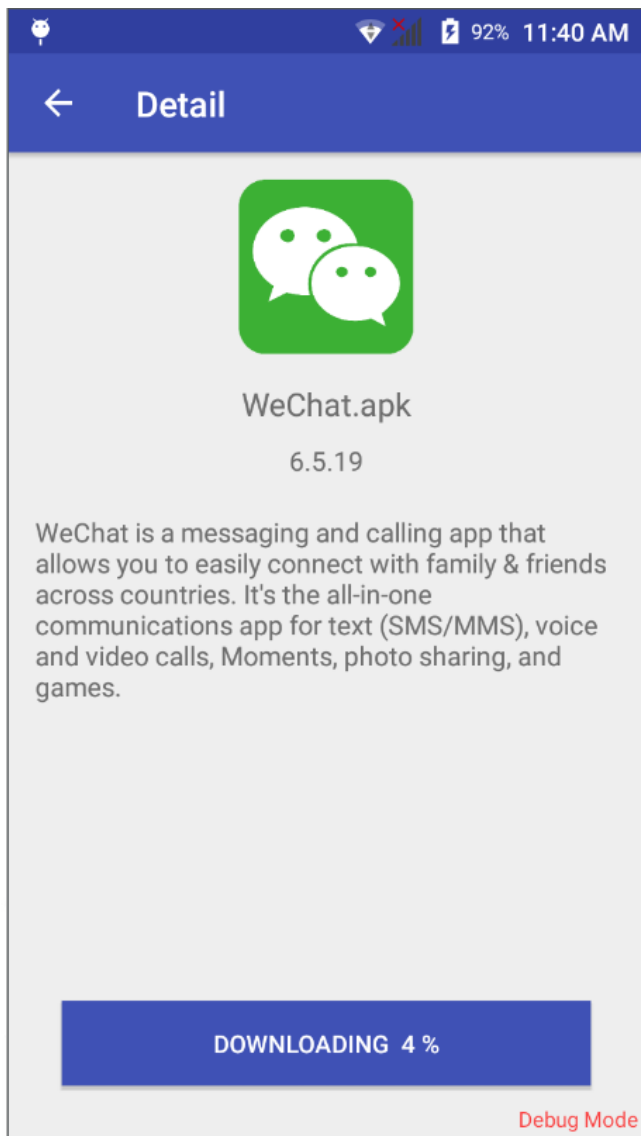
You can get download status information from the button, or pause or continue a task by clicking it.

Enter the task detail page by clicking the item of the task list.

XTMS App can start 5 tasks, but it can only download 3 tasks at a same time and the other 2 tasks will pend.

App package will be installed and deleted automatically.

App Detail Page

This Page shows the name of app, download progress and status, the icon of app and the introduction of it.
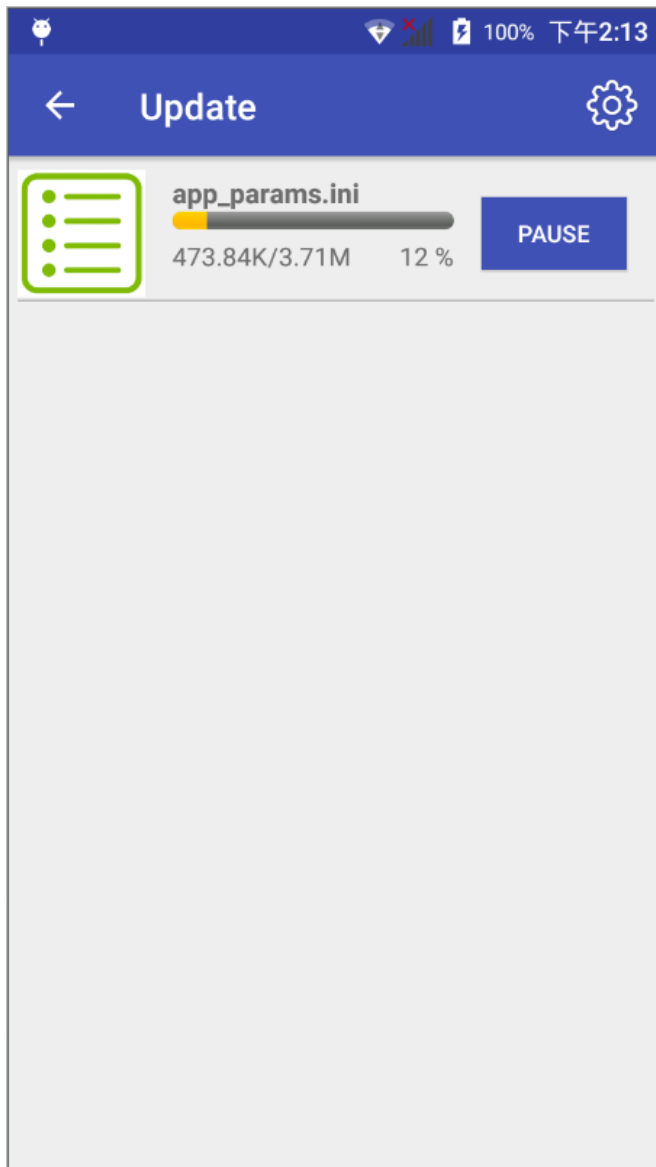
C）Param(Parameters) Update

After Users created Param Update task on XTMS Server, XTMS App will download parameters and update it.

Param is bound with the app who uses it. Parameters files will be saved in the folder with the path "internal sdcard/xtms_param/app package name/".

For example, If the app package name is "com.test.example",the Param filename is "test.ini", the Param file will be saved in the path :"Internal sdcard/xtms_param/com.test.example/test.ini"

In the same folder, a configuration file named "param.json" will be created. You can get the information of the Param files like version from it.

Param Update Page
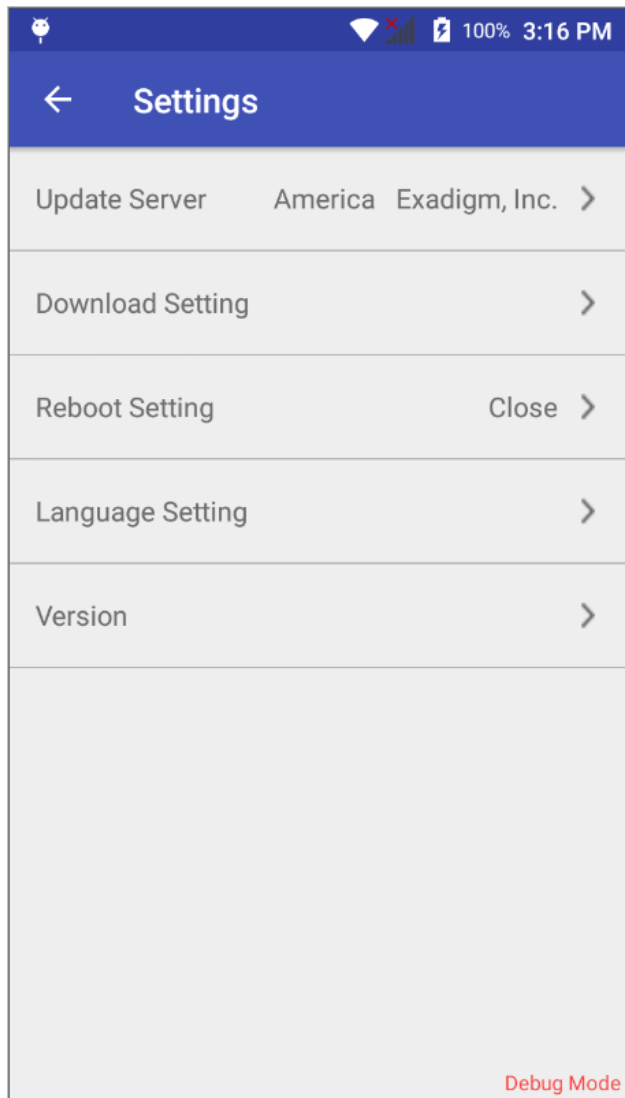

This Page shows the name of Param files, download progress and status.

2.Settings

The function is used to set up all functions of XTMS App. The enter of the Settings page is a gear icon in the upper right corner of the main page.
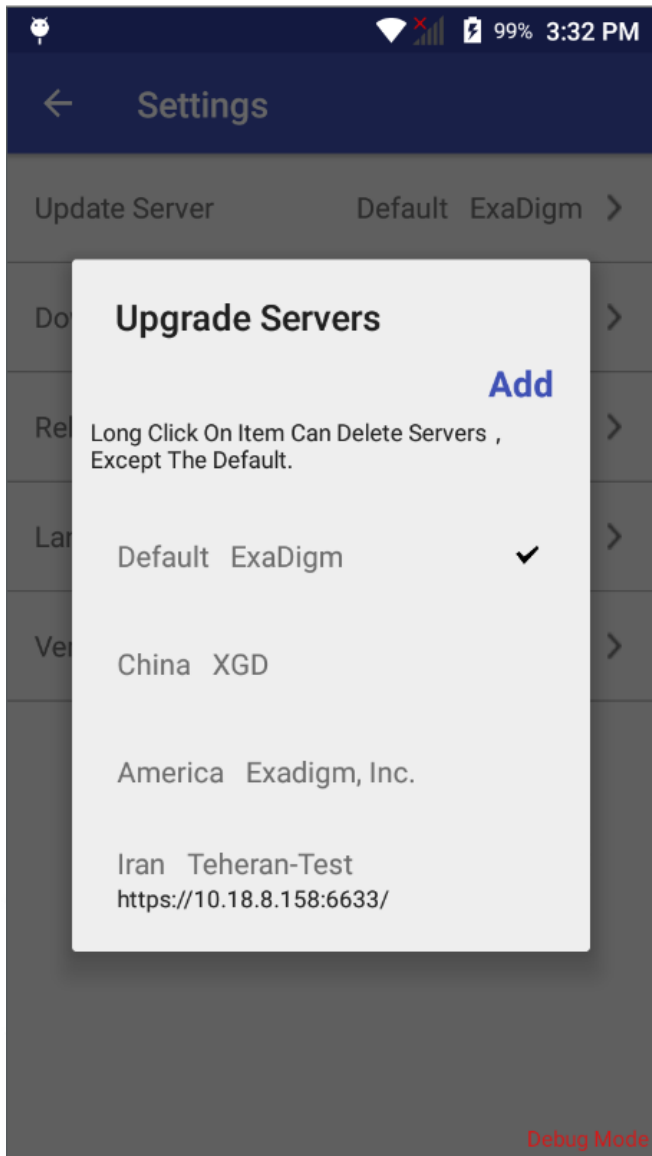
Settings Page

Settings	
Update Server	America Exadigm, Inc. ›
Download Setting	›
Reboot Setting	Close ›
Language Setting	›
Version	›

Debug Mode

There are five functions in Settings page:

1.Update Server: Select update server and add update server.

2.Download Setting: Silent download setting and only WiFi download setting.

3.Reboot Setting: Reboot On-Off. Reboot time setting and daily circulate.

4.Language Setting: Set up language of XTMS App.

5.Version:Show the current version of XTMS App.

A）Update Server Setting Page

Update Server Setting Dialog shows default server, the servers from XTMS Server, and the servers added by users.

The default server is determined by the current firmware, The default server does not display the domain name and IP address.

servers from XTMS Server can be set up in XTMS Server. These servers does not display the domain name and IP address.

Manually added servers are added by the user. These servers will display the domain name or IP address.

Update Server Add Page

Adding a new update server needs to fill in the country name, company name, domain name, IP address.

Country and company names are used to distinguish servers, You can fill in other names without any restrictions on this property too.

You can select one of the domain name and the IP address to fill in. If they are both filled in, only the domain name is effective.

*Tip: Domain name and IP address must be filled in strictly according to the format displayed，

B）Download Setting Page

There are two functions in this dialog: Silent Download Setting and WiFi Only Download Setting.
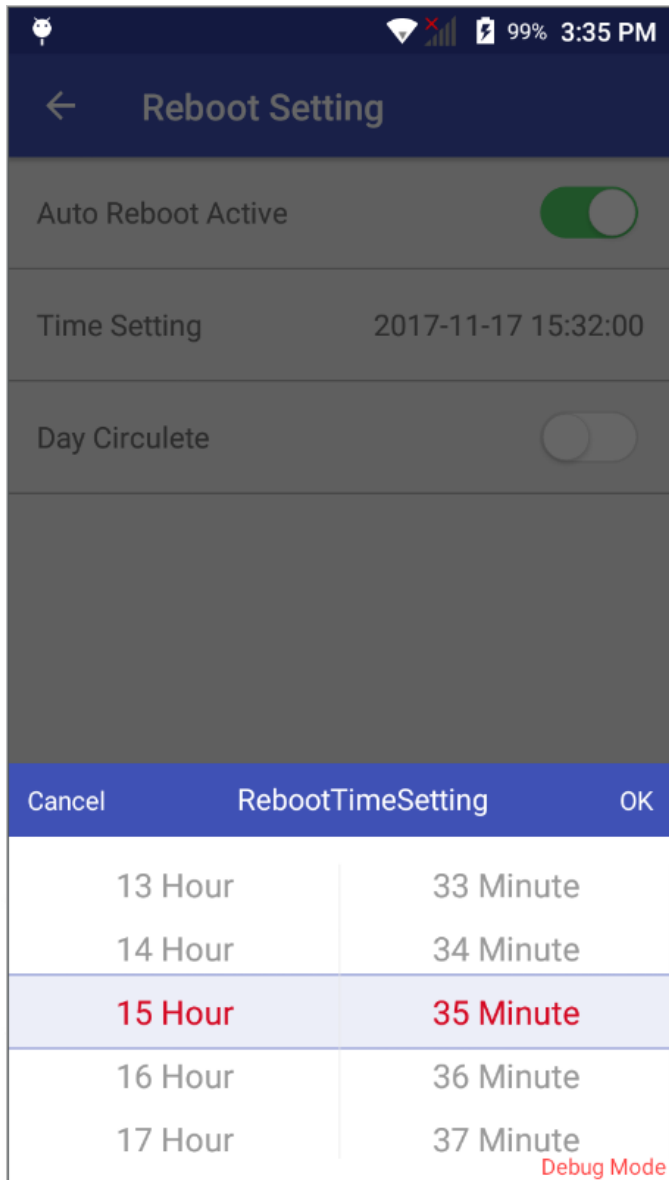
Silent Download Setting allows the XTMS App to download silently in background after the update task is detected. This setting is enabled by default.
If it is closed, XTMS App will not be allowed to download silently, users need to enter the XTMS App to update manually.

WIFI Only Download Setting only allow XTMS download in the WIFI environment. This setting is enabled by default.
If it is closed, XTMS App can update in other network environments such as 3G/4G.
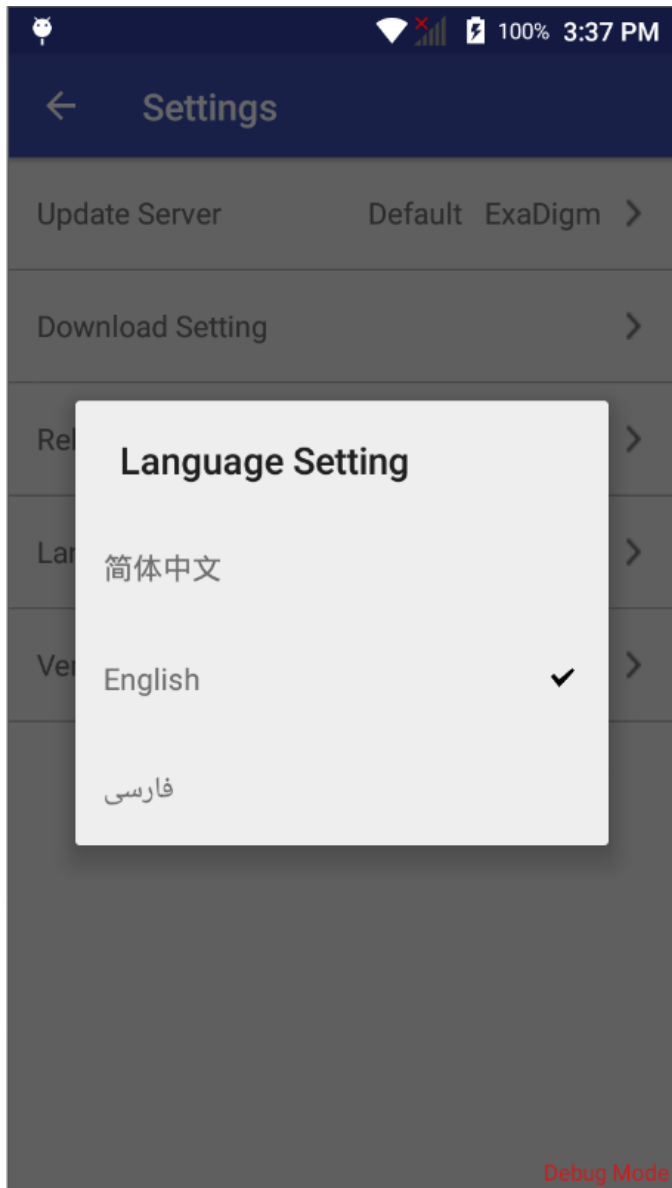
C）Reboot Setting Page

Click the restart settings to enter the reboot settings page.
There are three functions in this page: Auto Restart Switch, Reboot Time Setting and Day Circulete Setting.

Auto Restart Switch controls the opening and closing of restart function.

Reboot Time Setting is to set the specific time to reboot. The time is selected through the lower roller.

Day Circulete Setting can be configured whether the devices regularly reboot every day, if closed, it will reboot only once.
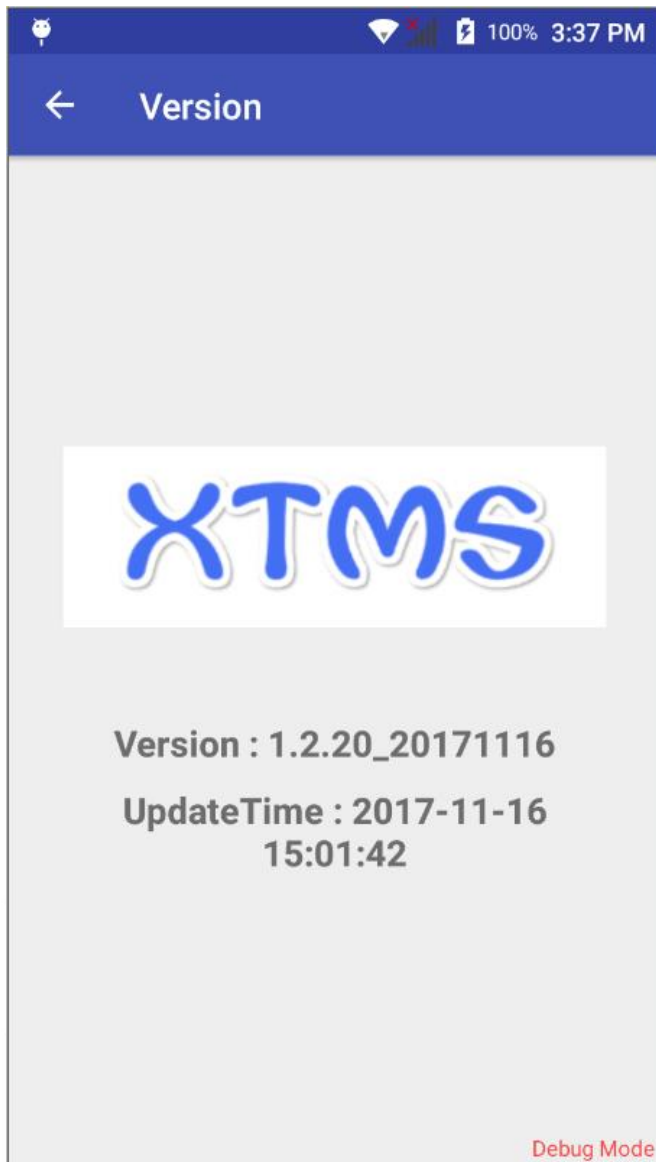
D）Language Setting Page

Language Setting Dialog allow users to set up language of XTMS App.

The languages supported are Simple-Chinese, English and Farsi.

After language setting, XTMS will restart automatically.

E）Version Information Page

This page shows the current version name and update time of the XTMS App.

2.Other Functions

XTMS App has other functions like AIDL and so on.

A）AIDL

Other Android app process can call the method of XTMS App from AIDL interfaces provided. Through these interfaces, they can set up XTMS App's configuration.

The interfaces provided：

1. XTMS App Language Setting

2. XTMS App Update Server Setting

3. Go to XTMS App Main Page

III.XTMS App-Common QA

Q：Does XTMS App allow deleting tasks?
A：No. Task management is carried out on the XTMS Server，If you want to cancel the upgrade task, you can delete the task directly on the XTMS Server.

Q：Can XTMS App update lower OTA, APP, or parameters than the current version?
A：No. The task will be marked as finished in remote server and XTMS App will not do any update.

Q：When will XTMS App do update check?
A：XTMS do update check in four cases: reboot->connect network successfully->click the Update button->pull down to refresh and sign in regularly.

IV.XTMS App-Emergency Dealing

Q：How to handle it when App installation failed?
A：Check whether the App version number is the same as or less than the current version of the POS, and if so, you need manual uninstall. If not, check whether the App has been signed and whether the signature is the same. Apps Only with the same signature can be updated successfully.

Q：Why doesn't the new App cover the old, but there are two different versions of apps on the desktop after update?
A：If the two apps' package names are inconsistent, then the two apps will be regarded as two different apps. Please check whether the package names of the two apps are consistent.

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【公司使命】 Our mission Create better lives

【公司愿景】 永续经营的新国都
Our vision Manage sustainably

【核心价值观】 以客户为中心 以进取者为本 以协作创高效 坚持自我批判
Core values Customer focused/Explorer oriented/Efficient cooperation/Self-supervision

【行为指引】 善行 善学 善进 善合 立足长远 正面思维 理性做事 自我批判
Guidelines Act wisely/Learn eagerly/Improve continuously/Cooperate willingly Plan prospectively/Think positively/Execute reasonably/Self-criticize