

# User Manual of FDMS

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# **Revise History**:

Version	Author	Release Date	Description
1.0	Holly.yao	2018.6.18	Initial version
2.2	Holly.yao	2018.10.30	Update system new features
2.4	Holly.yao	2019.01.30	Update system new features
2.6	Holly.yao	2019.05.31	Update system new features

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# 1. Introduction

## 1.1 Summary

FDMS (Fanvil Device Management System) is a server website used to manage devices deployed in the network. FDMS is deployed at the top of the user's network. Devices in the same network or sub-network receive the unified management of FDMS by registering with FDMS. FDMS has built-in ACS server to perform command management communication with device (CPE) through TR069 protocol. FDMS supports device configuration, troubleshooting, and firmware or configuration file upgrades.

## **1.2 Target Audience**

This document is for users who use FDMS management devices.

# 1.3 Terms

Terms	ms Explanation		
ACS	Auto-Configuration Server. This is the component that is responsible for the automatic configuration of customer terminal equipment in the broadband network to achieve advanced services.		
CPE	Customer Premise Equipment		



# 2. FDMS Register and Login

# 2.1 Register

In the local environment, after the FDMS is installed, the registration page will appear when you access the system for the first time. You need to register an administrator account, as shown in Figure 2-1-1

Note:

- There is only one administrator account.
- The user had better remember registered username and password, the user name forgets to be unable to retrieve.
- You need to fill in a valid email address, if you look for your password according to your email address, your email address will be wrong and your password will not be found.



Figure 2-1-1

# 2.2 Activation

After registered, the login page will appears, input the username and password, then click "Enter" to jump to the system activation, as shown in Figure 2-2-1

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Figure 2-2-1

Activation steps:

- Click "Download Private Key" and send it to the salesman or FDMS Administrator
- The salesman or FDMS administrator generates a license file through the user-provided private key file and sends it to the user.
- Import the license to complete the activation.

# 2.3 Login

- 1. Users can install FDMS system in their own environment and directly access <u>http://ip:port/</u> to enter the login page.
- 2. The user uses the public network FDMS of Fanvil. When using the system for the first time, you need to have the account and password assigned by the administrator (can apply to the Fanvil administrator), and then directly log in to the FDMS web address: https://fdms.fanvil.com.cn/, enter the login page, as shown in Figure 2-3-1



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Figure 2-3-1

# 2.4 Forgot password

If you forget your password, you can reset by email, steps as follow:

1. In the Login page, click "Forgot Password", as shown in Figure 2-4-1

	Size Iz
	Sign in Please enter username
产品管理平台	please enter password  English
Product management platform	Remember Me? Forgot password?
	Enter

Figure 2-4-1

2. In the Reset Password page, fill in the valid email address when you register/apply for your account, and click "Send Email Reset Password", as shown in Figure 2-4-2

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Figure 2-4-2

3. The mailbox will receive an email to reset the password, click on the link in the email to complete the password reset, as shown in Figure 2-4-3,2-4-4

fdms	*
发给 Holly.yao	2019-02-28 10:26 隐藏信
发件人: fdms <fdms@fanvil.com></fdms@fanvil.com>	
收件人: Holly.yao <holly.yao@fanvil.com></holly.yao@fanvil.com>	
时间: 2019年2月28日 (周四) 10:26	
大小: 3 KB	
This is an email from FDMS to reset your password, and	there is no need to reply, thanks!

Figure 2-4-3





Figure 2-4s-4

4. After the modification is complete, you can successfully log in to FDMS.



# 3. Device Register

# 3.1 Fast Register (Single Device Register)

1. After logging in to the FDMS, in "Home  $\rightarrow$  FDMS Information", click "Fast config" to download the configuration file under the account, as shown in Figure 3-1-1 Note: The configuration file for each account is unique

				🗴 🚺 Message 🗸 English 🗸 🕩
-		System Information		
		Enable Notify	Device Amount	Model Amount
	holly.yao	<b>S</b>	55	66
*	Home			
<b>6</b> 20	Device Manage 💙	FDMS Information Fast Config		
as i	Config Manage 🔹 🕻	Status	FDMS Server Address	FDMS Server Port
	Industry Manage 💙			
<b>A</b>	Alert Manage >	Start FDMS	Inactive	Inactive
٠	System Manage 🔹 🔸			_
<u></u>	Account Manage >	Control 5		All Processing Success Failed Timeout
2	Message Manage 💙	MAC: 0c383e0e66b6 Action: Get Value	2019-2-26 Start Time: 2019-2-26 15:38:20 End	Time: 2019-2-26 15:38:22 • Succeed 🛪

Figure 3-1-1

2. Login the web of device and import the downloaded configuration file in "System  $\rightarrow$  Configuration". The device can connect to FDMS, as shown in Figure 3-1-2

C D D VII			Keep Onlin	ne English 🔹	Logout	( admin )
			Dial		Answer	Hang Up
	Information Account	Configurations Upgrad	de Auto Provision	FDMS	Tools	
> System						
> Network	Export Configurations	Right click here to SAVE of	onfigurations in 'txt' format.			
> Line	Import Configurations	Right click here to SAVE of	onfigurations in 'xml' format.			
> EGS Setting	Recet to factory defaults	Configuration file:	Selec	ct Import	J	
> EGS Access	Reset to factory defaults	Click the [Reset] button to	reset the phone to factory de	faults.		
> EGS Logs		Reset	LOST MITER RESET?			
> Door Lock						
Function Key						
› Alert						
		Current Software Vers Fanvil Technology Co., Ltd. (C)2	ion: 2.1.1.3694 2014 All Riahts Reserved.			

Figure 3-1-2

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# 3.2 Register By FDPS (Batch Devices Register)

1. Login to the FDPS official website: <u>https://fdps.fanvil.com/</u>, (If there is no account, you can apply to the Fanvil administrator), click "GROUP  $\rightarrow$  +Add", add the group, as shown in Figure 3-2-1

- 1) Customize the group name;
- 2) Select "import";
- 3) Click "File", import the fast config from FDMS;
- 4) Click "Done";

Fanvil		English • welcome holly15	
INFO TO	DEVICE GROUP	LOG	
Config Setting		×	
Group Name	Test		
Normal Import 2			
C:\fakepath\config-5b33687e87b73a1e8875	edc3.txt	3 File (txt)	
Cancel Done	4)		
	"Later of the second se		

Figure 3-2-1

2. Add the device to the FDPS system, click "DEVICE  $\rightarrow$  +Add", at the add page, the operation steps are shown in Figure 3-2-2.

- 1) Select the group created in step 1;
- 2) Click "Export template" to export the MAC template file;
- 3) Fill in the device mac information in the exported MAC template file and import it again;
- 4) Finally click on the "Upload" button.



Fanvil	Add Device	we	sicome arian_fanvii
A INFO	Default Group	3 File (Excel)	
+Add Delete search device	2 Export template	Cancel Upload	• (38)
A Index	Model Mac ip	Group Date Regist	Edit
	ab0102030406	深圳测试 2019-02-15 15:03:	54
2	ab0102030405	深圳测试 2019-02-15 15:03:	54
3	00d84a006620	FDMS 2018-12-27 15:49:	31
	00a859db1275 106.38.61.10	6 研发工位座机 2018-12-18 10:11:4	47
5	00d84a0064f5 119.123.70.8	9 FDMS 2018-11-29 11:48	38

Figure 3-2-2

3. Restart the device, the device will automatically access the FDPS to obtain the TR069 configuration, and then register to the FDMS.

Note: If the device has been redirected through the FDPS, the device needs to be restored to the factory to complete the redirection again.



# 4. Home

After the user login successfully, you can enter the FDMS home page, navigation bar information as shown in Figure 4-1

- 1. Display system status information
- 2. Overdue data transfer service
- 3. Device orientation Service
- 4. Display the unread quantity of the sub-account feedback question, click to jump to the feedback page to view the specific information
- 5. Display the number of alarm messages ringing on the day, click to jump to the alarm statistics page to view specific information
- 6. Display the current version of the system and the device operation execution record. Click "+" to view the new function information of the version
- 7. Switch system language, support Simplified Chinese and English

		① ② System Information ★ System Status ► Start OTS ►	(3) Start DOS	Current Version: Alpha2.3.0.3256 6
	Farvil	Enable Notify	Device Amount 🖬	Success     Processing     Timout     Failed       Control     0     0     0     0       Task     0     0     0     0
*	Home			
<b>e</b> 2a	Device Manage	System Performance		
œ	Config Manage	CPU Usage Rate	Memory Usage Rate	Disk Usage Rate Used
	Industry Manage 🔸	80%	80%	Website Size: 154.58GB
A	Alert Manage	60% -	60% -	
٠	System Manage 💙	40%-	40% -	
*	Account Manage >	20%	20%- 0%- 1650-22 1650-27	
2	Message Manage 💙	10:30:22	1010027	
		Process Name	CPU Usage Memory Size	Memory Usage

Figure 4-1

Note: s1,2,3 only provides administrator privileges

# 4.1 System Information

Visual display system status (tick normal, when the fork indicates that the system has a problem, need to contact the Fanvil system administrator), the total number of devices and the total number of models, as shown in Figure 4-1-1



	<b>EINVI</b>		System Information Enable Notify	Device Amount	Message - English - (+) Model Amount.
~	Home				
	Device Manage	>	FDMS Information <b>Fast Config</b>		
<b>~</b>	Config Manage	>	Status	FDMS Server Address	FDMS Server Port
	Industry Manage	>			
A	Alert Manage	>	Stop FDMS	192.144.136.170	5062
٠	System Manage	>			
*	Account Manage	>	Control (1)		All Processing Success Failed Timeout
		-		2019-2-19	
2	Message Manage	>	MAC: 0c383e26ca6b Action: Get Value	Start Time: 2019-2-19 09:47:26 End	d Time: 2019-2-19 09:47:27 O Succeed

Figure 4-1-1

# 4.2 System Performance

Dynamically display system performance status, including CPU usage rate, memory usage rate, disk usage rate, and process name, as shown in Figure 4-1-2

NOTE: System performance information only provides administrator privileges

				🗣 0 🔺 0 Message - English - 🕞	
		System Information ★ System Status ► Start OTS ► Sta	rt DOS		
		Enable Notify	Device Amount	Model Amount	
	Fanvil		12	56	
*	Home				
æ	Device Manage	System Performance			
¢	Config Manage	CPU Usage Rate	Memory Usage Rate	Disk Usage Rate Used Website Size: 29.24GB	
	Industry Manage	80%-	80%-		
A	Alert Manage	60%-	60%		
٠	System Manage	40% 0	40%		
•	Account Manage	20%-	20%		
2	Message Manage	14:42:58 14:43:14 14:43:29	14:42:58 14:43:14 14:43:29		
		Process Name	CPU Usage Memory Size	Memory Usage	

Figure 4-1-2

# 4.3 FDMS Information

After "Start FDMS", display the server address (Users can set use domain instead of real IP address) and port of the FDMS, download the "Fast config" and import to the device, then connect the device to the FDMS, as shown in Figure 4-1-3



		System Information	90	🕽 👫 Message - English - 🕞
	holly.yao	Enable Notify	Device Amount	Model Amount
*	Home			
<b>6</b> 26	Device Manage >	FDMS Information * Fast Config		
œ	Config Manage 🔸	Status	FDMS Server Address	FDMS Server Port
	Industry Manage 💙		Sutting una afer min	
▲	Alert Manage >	Stop FDMS	192.144.136.170	5062
٠	System Manage			
*	Account Manage >	Control 6		All Processing Success Failed Timeout
			2019-2-26	
2	Message Manage >	MAC: 0c383e0e66b6 Action: Get Value	Start Time: 2019-2-26 15:38:20 End Tin	ne: 2019-2-26 15:38:22 • Succeed ×

Figure 4-1-3

# 4.4 Control and Task

Record the operation record of the device in the system, as shown in Figure 4-1-4

F	anvil	_				English -	•
		Sto	pp FDMS	192.144.136.170	500	32	
	ballunas	Control 4			All Processing	Success Failed	Timeout
	nong.yao			2019-2-19			
*	Home	MAC: 0c383e26ca6b	Action: Get Value	Start Time: 2019-2-19 09:47:26	End Time: 2019-2-19 09:47:27	Succeed	×
<b>a 1</b> 0	Device Manage	MAC: 0c383e23b572	Action: Get Value	Start Time: 2019-2-19 09:47:15	End Time: 2019-2-19 09:47:16	Succeed	×
	Config Monogo	MAC: 3c4e87f42a9b	Action: Get Value	Start Time: 2019-2-19 09:47:01	End Time: 2019-2-19 09:47:03	Succeed	×
95		MAC: 00d84a00661e	Action: Get Value	Start Time: 2019-2-19 09:27:18	End Time: 2019-2-19 09:27:20	Succeed	×
Ħ	Industry Manage						
A	Alert Manage			Load More Data			
٠	System Manage	Task 1			All Processing	Success Failed	Timeout
2	Account Manage			2019-2-15			
		MACs: 00a834682551	Action: Remove Card	Start Time: 2019-2-15 11:40:21	End Time: 2019-2-15 11:40:25	Succeed	×
2	Message Manage						
				Lond Mass Date			

Figure 4-1-4



# 1. Device

## 5.1 Device

The main functions of the device module include: displaying the device list, performing corresponding operations on the device, and searching for device, as shown in Figure 4-1

- Device list: display online status, model, name, ip, mac, etc .
- Operating of the device: including search, restart, online check, upgrade, deployment, adding equipment, etc.
- Search: users can quickly search the device that they want to control in the device list.

Note: If users want to display more information about the device, they need to check the corresponding information in Settings module of the system

	anvil									•	• •	1 Messag	e • English •	•
	-	De	evice											
		d	Reboot	+ Factory Reset	🗇 Delet	e 💿 Upgrad	de Ø Provision	¥ Parameter	ta Auto Tes	t Reprovision	n +	Add Device		
	ME	Se	arch											
	holly.yao	đ	Online	Model Na	ame SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device		Online	i31S	4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19 14:59:07
	Area Device		Online	i31S 40	01 4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 14:58:49
	Groups		Online	i31S 74	3 743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 14:58:59
¢ŝ	Config Manage >		Online	i31S 16	2 4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying	Inactive	2019-02-19 14:58:50
	Industry Manage >		Online	i31S 40	104 4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 14:58:50
A	Alert Manage >		Online	i31S 40	02 123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-19 14:58:58
*	System Manage >		Online	i30		0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 14:58:59
<u>&amp;</u>	Account Manage >		Online	i20S	125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout	Inactive	2019-02-19

Figure 5-1

#### 5.1.1 Visit Device

Click on the device's ip address to access the device's web page., as shown in Figure 5-1-1 Note:

- 1. Maximum number of web pages accessing three devices simultaneously under each account;
- 2. After the device web is successfully accessed, the system automatically disconnects after 10 minutes without operating.



ſ	anvil											20 4	Message	- English -	•
		De	vice												
		¢	Reboot	Sectory F	leset	🗇 Delete	● Upgrad	le OProvision		ta Auto Te:	st 🖤 Reprovisi	on +	Add Device		
	GB	Se	arch												
	holly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19 14:59:07
	Area Device		Online	i31S	4001	4001	00a83468 254e	192 168 7.963e's	<sup>W2-1</sup> 3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 14:58:49
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 14:58:59
¢\$	Config Manage >		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying	Inactive	2019-02-19 14:58:50
	Industry Manage 🔹		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 14:58:50
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-19 14:58:58
٠	System Manage 💙		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 14:58:59
*	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout	Inactive	2019-02-19 14:58:48

Figure 5-1-1

#### 5.1.2 Reboot

Select a device or multiple devices, click the "**Reboot**" button, the page will pop up "operation is successful", the corresponding device will also reboot, as shown in Figure 5-1-2

ſ	anvi											20 4	<b>1</b> M	essage	• English •	€
	~	De	vice													
		Ċ	Reboot	Sectory R	eset (	Delete	⊕ Upgrad	e O Provision	<b>₽</b> Parameter	ta Auto Tes	et 🖤 Reprovisio	n <b>+</b>	Add Device			
	GE	Sea	arch													
	nolly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Se Register S	erver tatus	Second Server Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	ł	Registered	2019-02-19 14:59:07
_	Area Device		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout		Timeout	2019-02-19 14:58:49
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	ł	Inactive	2019-02-19 14:58:59
¢\$	Config Manage >		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying		Inactive	2019-02-19 14:58:50
	Industry Manage >		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	ł	Inactive	2019-02-19 14:58:50
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout		Inactive	2019-02-19 14:58:58
٠	System Manage >		Online	130			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive		Inactive	2019-02-19 14:58:59
&	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout		Inactive	2019-02-19

Figure 5-1-2

#### 5.1.3 Factory Reset

Select single or multiple devices and click "**Factory Reset**". The message "Operation Successful" will pop up on the page, and the corresponding device will perform the factory reset operation., as shown in Figure 5-1-3



ſ	anvil										•	20 4	1 Message	English	•
		D	evice												
			C Reboot	Sectory	Reset	1 Delete	⊕ Upgrad	e Provision	# Parameter	ta Auto Te	est • Reprovisi	on +	Add Device		
	GB	Se	earch												
	holly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19 14:59:07
	Area Device		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 14:58:49
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 14:58:59
¢ŝ	Config Manage		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying	Inactive	2019-02-19 14:58:50
	Industry Manage >		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 14:58:50
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-19 14:58:58
٠	System Manage >		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 14:58:59
&	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119. <mark>123.69.99</mark>	14257	Timeout	Inactive	2019-02-19

Figure 5-1-3

#### 5.1.4 Delete

Delete can delete single or multiple devices.

Select the device to be deleted, click the "**Delete**" button, the corresponding device will be removed from the device list, as shown in Figure 5-1-4

1	anvi	_										20 4	Message	- English -	(•
		De	vice												
		¢	Reboot	+ Factory Res	iet [	Delete	♥ Upgrad	e OProvision	₽ Parameter	🛿 Auto Te	st • Reprovisio	on +	Add Device		
	GE	Sei	arch												
	holly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19 14:59:07
	Area Device		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 14:58:49
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 14:58:59
¢ŝ	Config Manage 🔹 🕻		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying	Inactive	2019-02-19 14:58:50
	Industry Manage >		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 14:58:50
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-19 14:58:58
٠	System Manage >		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 14:58:59
2	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout	Inactive	2019-02-19
							г	. <i>-</i>	1 4						

Figure 5-1-4

### 5.1.5 Upgrade

FDMS provides two ways to upgrade the software / configuration /certificate/Piture/Phonebook. The way one is recommended.



Method 1: In the "Device", select a device or some devices of the same model, click "Upgrade", in the pop-up upgrade page, directly select the file to be upgraded, click the "Sure" button, as shown in Figure: 5-1-5-1

1	anvil					File	list Xf	3				×	20	<b>4</b> 1 Me	essage - Englis	h- 🗭
	GINI		ch	Rehoot	Eactory Re	1 110							ion +	add Device		
				100000	Still Botory File	Sot	tware	Configurat	ion Certificatio	n Picture	Phonebook			100 00100		
				Online	130			5					13344	Inactive	Inactive	2019-02-19 14:58:59
	CAB.			Online	120S	C:\f	akepath	\x6-6914-P0.1	13.3-1.8.0-2697T20	18-09-30-15.10.	00.z ①	D Select	14257	Timeout	Inactive	2019-02-19 14:58:48
	holly.yao			Online	i18S						Cancel	2 Sure	13204	Registered	Inactive	2019-02-19 14:59:17
				Online	X6	-	-	84a8			_	j	40055	Registered	Inactive	2019-02-19 14:59:09
					X6		4001	a8383c01 d137	192.168.3.249	1.8.0.1	Fanvil	119.123.65.51	5320	Registered	Inactive	2018-11-07 20:07:26
				Online	X6	115	115	0c383e1e c926	192.168.1.110	1.8.0.1	Fanvil	119.123.69.99	38106	Inactive	Timeout	2019-02-19 14:58:47
¢\$		>		Online	X5S		4008	0c383e1d bbb8	192.168.3.64	1.8.0	Fanvil	119.123.69.99	6096	Registered	Inactive	2019-02-19 14:59:16
		>		Online	X5S		4008	0c383e1d d530	192.168.1.112	1.8.0	Fanvil	119.123.69.99	37162	Timeout	Inactive	2019-02-19 14:59:02
A		>		Online	X4G			0c383e1d 577e	192.168.3.34	T2.9.0.6536	Fanvil	119.123.69.99	38801	Inactive	Inactive	2019-02-19 14:59:00
٠		>			X4	1002	1002	0c383e1b 53ee	192.168.10.230	2.8.0.6303	Fanvil	119.123.65.142		Timeout	Inactive	2019-02-12 10:20:10
		>		Online	X4			0c383e03 1c2e	192.168.3.36	2.10.0.6586	Fanvil	119.123.69.99		Inactive	Inactive	2019-02-19 14:59:10

#### Figure5-1-5-1

Method 2: Need to complete the upgrade in two steps

1. In the "Config Manage  $\rightarrow$  Model Management" page, select the file management button. On the folder list page, select the software/profile/certificate/picture/phonebook to be upgraded and click the "Upload" button, as shown in Figure 5-1-5-2, 5-1-5-3

Note: The model number on the model management page only has the administrator account permission to add/delete

ſ	anvil					20	▲1 Message •	English - 🕞
		Model Ma	anagement					
		Search						
	MAR I	Model	<ul> <li>Update Time</li> </ul>	Max Sip Line	Support Open Door	Support Videl	Description	File Management
	holly.yao	C400	2019-01-14 19:32:00	6	No	No	安卓话机	
		C600	2018-11-12 11:20:57	6	No	Yes	安卓视频话机	
	Model Management	D4	2019-01-15 14:09:08	4	No	No		
	Address Management	D4G	2019-01-15 14:09:36	4	No	No		
	Rule Management	D4P	2019-01-15 14:09:18	4	No	No		
		D5G	2019-01-15 14:09:44	4	No	No		
A	Industry Manage >	E02	2019-01-15 14:02:09	2	No	No		
A	Alert Manage >	E02C	2019-01-15 14:05:37	2	No	No		
*	System Manage	E139	2019-01-15 14:23:22	4	No	No		
*	cycloni manago	E4G	2019-01-15 14:06:45	4	No	No		
&	Account Manage >	E4P	2019-01-15 14:06:37	4	No	No		
2	Message Manage 👂	E6	2019-01-15 14:08:21	6	No	No		
		F6G	2018-11-29 15:06:33	6	No	No	中高级话机.	

#### Figure 5-1-5-2

#### Fanvil Technology Co., Ltd



	anvil						₹0 ▲1	Message 👻 Eng	lish - 🕞
		Folder List / C4	100						
		C400				٦			×
	hallywaa	Software	Configuration	Certification	Picture Phonebool				6
_	nony.yao							D Select	Upload
	Model Management								
F		Search							
	Address Management	Туре	<ul> <li>Suffix</li> </ul>		Filename	Size	Create Time	Delete	
	Rule Management					No Data			
Щ	Industry Manage 🔹								Previous Next
	Industry Manage >								Previous Next
	Industry Manage > Alert Manage > System Manage >								Previous Next
A ¢	Industry Manage > Alert Manage > System Manage > Account Manage >								Previous Next



File formats supported by each file type as shown in Table 1

File Type	Upload Format
software	.z,.bin
configuration	.txt, .xml
certificate	.crt, .key, .ovpn, .pem
picture	.bmp
phonebook	.xml,.vcf,.csv

Table 1

2. In the "Device" page, select a single device or multiple devices of the same model, click "Upgrade" to enter the upgrade file list, and select the software /profile/ certificate/ picture/ phonebook to be upgraded, as shown in Figure 5-1-5-4

Fanvil						File	List i3	1S				×	20	A1 Messa	ige <del>-</del> English	- 🗭	
				vice		So	ftware	Configurat	ion Certificati	on Picture	Phonebool	ĸ					
				Reboot	Sectory F		) i	31S2.4.0.6403	T20190114182428	3.z	3347.9	7KB	rision + Add Device				
	(JE		Se	arch													
	holly.yao	_	đ	Online	Model							D Select	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time	
				Online	i31S	1					Cancel	Sure		Registered	Registered	2019-02-19 15:37:50	
		_		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Trying	2019-02-19 15:37:14	
				Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 15:37:30	
48		>		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Trying	Inactive	2019-02-19 15:37:44	
		>		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 15:37:17	
A		>		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-19 15:37:38	
		>		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 15:37:40	
2	Account Manage	>		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout	Inactive	2019-02-19	

Figure 5-1-5-4



3.After clicking the "Sure" button, the corresponding device will upgrade file.

#### 5.1.6 Provision

Select the device and click the "**Provision**" button to set/modify the configuration and click the "**Sure**" button, as shown in Figure 5-1-6.

Note:

- When the device registers to FDMS for the first time, the FDMS obtains the corresponding value of the configuration item from the device. During the configuration of the device, FDMS records the previous configuration as the initial value of the next configuration. Modifying device configuration item values by other means does not automatically synchronize updates to FDMS.
- 2. The device parameter item of the provision page can be freely expanded under the administrator account.

	anvil		👳 🧿 🔺 1 Message 🗸 English 🗸 🗭
	holly yao	Device / Provision           Provision           SIP         SIP2         TR069         Network         Time         Dial Plan         Features	× Action URL
	Device Area Device	SIP Number Authentication Name	
~	Groups Config Manage	Authentication Password Realm	
<b>A</b>	Industry Manage	Display name	
¢ &	System Manage	Subscribe For Voice Message	

Figure 5-1-6

#### 5.1.7 Parameter

Single parameter setting and getting of selected devices, as shown in Figure 5-1-7

- Set: Set parameter name, type, value, select "Set" and click "Set". After success, the information will display the parameter list
- Get: Get parameters, select "Get" and click "Get". After success, the information will display the parameter list



ſ	anvi	1			₹0 ♣	1 Mess	age 🗸	English -	•
			Device / Parameter						
			Parameter						×
	holly.yao		Parameter Name						
	Device		Туре						
	Area Device		Value						
	Groups								
¢	Config Manage	>	Set Set						
	Industry Manage	>	Get						-
Å	Alert Manage	>	Parameter SIR Number	Value					_
8	System Manage	>	Authentication Name						_
			CPE Usemame						
2	Account Manage	~	InternetGatewayDevice.X_VENDOR_SPECIFIC.Time.HeartbeatInterval	50					

#### Figure 5-1-7

#### Note:" Set" the type and value of the basic parameters as shown in Table 5-1-7.

Parameter Name	Туре	Value
SIP Enable	String	Enabled/Disabled
SIP Number	String	Customized
Authentication Name	String	Customized
Authentication Password	String	Customized
Register Server Address	String	Customized
Register Server Port	unsignedInt	Customized
Proxy Server Address	String	Customized
Proxy Server Port	unsignedInt	Customized
Enable Periodic Information	boolean	True/False
Auto-Configuration Server Address	String	http://192.144.136.170:80/en-US/Acs/Index
Authentication Name	String	admin
Authentication Password	String	admin
Periodic Information Interval (s)	unsignedInt	Customized
CPE Username	String	Customized
Connection Type	String	STATIC/DHCP
IP	String	Customized
Subnet Mask	String	Customized
Gateway	String	Customized
DNS	String	Customized



#### 5.1.8 Auto Test

Select the device and click "**Auto Test**" to enter the Auto Test page. Click "**Start Test**". FDMS will return the list of parameters supported by the device. After the test is completed, the test results will be displayed below and the test report will be downloaded, as shown in Figure 5-1-8



1	anvi							20	41	Message 🗸	English -	•
			Device / Auto Test									
	holly.yao		Auto Test Device Test Configure									×
	Device		MAC 00a834682553									
	Area Device		SIP	~	TR069	~	Network			<ul> <li>Time</li> </ul>		
	Groups		✓ Dial Plan	~	Features	~	Action URL					
œ	Config Manage	>	Start Test									
R	Industry Manage											
▲	Alert Manage	>	Test Report Download									
٥	System Manage	>	Parameter						Readab	e Writable	Error Messag	je
	Account Manage		InternetGatewayDevice.Service	s.VoiceService.1.V	oiceProfile.1 Line.1 En	ible			true	true		
60	Account Manage		InternetGatewayDevice.Service	s.VoiceService.1.V	oiceProfile.1.Line.1.Dire	ectoryNumber			true	true		

Figure 5-1-8

Note: This function is generally used by system developers and testers, and users generally do not use it.

#### 5.1.9 Reprovision

During the use of the device, external factors (such as: modify the configuration of the login device web page, not via FDMS) have been modified to the relevant configuration of the device. Select the device in the FDMS and click the "**Reprovision**" button. FDMS will reconfigure the device configuration to the previous FDMS configuration of the device, as shown in Figure 5-1-9

ſ	anvil												20 4	1 Message	- English -	•
			Dev	vice												
			Ċ	Reboot	+ Factory	Reset 1	Delete	♥ Upgrad	e Provision	<b>₽</b> Parameter	13 Auto Tes	et 🖤 Reprovisio	on +/	Add Device		
	(AB)		Sea	rch												
	holly.yao	-		Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device			Online	i31S		4001	00a83468 2553	192.168. <mark>1.1</mark> 02	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19
	Area Device			Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 15:47:20
	Groups			Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 15:47:33
¢\$	Config Manage	>		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Timeout	Inactive	2019-02-19 15:47:11
	Industry Manage	>		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 15:47:20
A	Alert Manage	>		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Inactive	Inactive	2019-02-19 15:47:22
٠	System Manage	>		Online	i30			0c383e1e	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19
*	Account Manage	>		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Inactive	Inactive	2019-02-19



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#### 5.1.10 Add Devices

There are three ways to add devices: a single addition, a serial addition, and a messy addition. Default offline after successful addition.

Note:

- 1. This function does not currently support direct connection to the device
- 2. The MAC's format supports 12-digit hexadecimal numbers
- Single: type the model and mac of the device
- Serial: type the model and start mac and end mac of the devices
- Messy: users can choose to import the mac address file, copy and paste the device mac address into the text box, or directly enter the macs in the text box.

Import the devices, as shown in Figure 5-1-10

ſ	anvi	ľ		•
12			Device / Add Device	
			Add Device	×
	CAB		Model	
	holly.yao			
	Device		Auto Add To FDPS Group FDPS Group	
Γ	Area Device		Search	Ŧ
	Groups		Single Serial Messy	
¢ŝ	Config Manage	>	MAC	
	Industry Manage	>		
A	Alert Manage	>	Cancel Sure	
٠	System Manage	>		
	Account Manage	>		

Figure 5-1-10

The imported mac file supports two ways ,as shown in Figure 5-1-11

00000001234,	00000002342,	00000004567
000000001234 000000002342 000000004567	2	



#### 5.1.11 View Device Trace and Action

Click the mac address of the device to see the status trace and action of the device. You can visually see the time period when the device disconnected from the system and the time period, as shown in Figure 5-1-12



F	anvil	ŀ					Trace	Action						×	₽0 ▲	0	Message 👻	Englist	•	₽
			Dev ර Sea	vice Reboot Irch	← Facto	ory Re	÷	201	19-02-14	Load More	Data			rision	+ Add	Device				
	holly.yao Device		•	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Alias	Community	Building	Room	Last Active Time
				Online	i31S	555	4002	00d 84a 006 4f5	192.168.3.88	2.4.0.6403	Fanvil	172.18.110.147		Inactive	Inactive	Empty				2019- 02-14 16:08:47
*					i31S			aa0 000 000f e4		2.1.1.3480	Fanvil	172.18.110.2		Inactive	Inactive	Empty				2018-11- 09 02:48:05
	Alert Manage				i31S			aa0 000 000f e3		2.1.1.3480	Fanvil	172.18.110.2		Inactive	Inactive	Empty				2018-11- 09 02:48:04
÷ ۵					131S			aa0 000 000f e2		2.1.1.3480	Fanvil	172.18.110.2		Inactive	Inactive	Empty				2018-11- 09 02:48:02

Figure 5-1-12

#### 5.1.12 View Device Details

Click on the device status to see the device details, as shown in Figure 5-1-13, 5-1-14 Note: users can click "refresh" button to see the latest device details

ſ	anvi											20 4	Mes	ssage - English -	•
		De	evice												
		(	Reboot	+ Factory Re	eset (	Delete	● Upgrad	e OProvision	<b>₽</b> Parameter	13 Auto Te	st 🖤 Reprovisio	n <b>+</b>	Add Device		
	GE	Se	earch												
	holly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Serv Register Stat	ver Second Server tus Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-19 15:47:10
	Area Device		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-19 15:47:20
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-19 15:47:33
¢\$	Config Manage >		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Timeout	Inactive	2019-02-19 15:47:11
	Industry Manage >		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-19 15:47:20
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Inactive	Inactive	2019-02-19 15:47:22
٠	System Manage >		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-19 15:47:32
&	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Inactive	Inactive	2019-02-19

Figure 5-1-13



	anvi			۶.	🝂 1 Message - English - 🗭
		Device / Detail Detail Detail Device Information			۲
	holly.yao	Manufacturer	Fanvil	Model	i31S
	Device	Product Class	i31S	Serial Number	00100400FV020010000000a834682553
		Software Version	2.1.1.3694	Hardware Version	2.1
	Area Device	Spec Version	1.0	Up Time	694552
	Groups	Vendor Config File Version	2.0002		
¢\$	Config Manage 🔹	WANDevice			
	Industry Managa	NAT Enabled	false	Address Type	DHCP
Ħ	moustry manage 🖌	IP Address	192.168.1.102	Subnet Mask	255.255.255.0
▲	Alert Manage	Gateway	192.168.1.1	DNS Server	114.114.114.114
٠	System Manage >	Time			
	Account Manage >	NTP Server	time.nist.gov	Local Time	2019-02-19 09:42

Figure 5-1-14

# 5.2 Area Device

The area device module mainly manages and operates the device in a fixed address.

Note: The premise of using this module is that there must be an address in the system. For the address creation operation, refer to the "Config Manage  $\rightarrow$  Address Management" module.

#### 5.2.1 Egs List

The device in the area is displayed in the Egs list, and the device can be managed and operated

1. Add Device

Click "Add Device" to add Egs devices in the area

Note: The only difference between an Egs device and a phone device is whether it supports opening the door.

2. <u>Reboot</u>, <u>Factory Reset</u>, <u>Upgrade</u>, <u>Provision</u>, <u>Reprovision</u>, operation mode is same as device module.

3. Camera Preview

Camera preview of selected control devices

Notify: This function currently only supports devices and systems in the same LAN

4. Open Door

Select the device and click "**open door**" button, the corresponding device will open door, as shown in Figure 5-2-1



	SBVA			D (1		0.405)				Message -	English -
	anvi		Op	ien Door ( 1	II [] 00010203	0405)					
		♥ 0101 Egs Lis	♥ 0: t P			<ul> <li>Opened</li> </ul>					
	holly.yao	<b>+</b> A	dd Device			Close Door			■• Cam	era Preview	C Open Door
A	Home	a c	ard Mana								
	Device	Searc	h					Stop			
-	Administrator Card		Online	Model	MAC	Community	Building	Room	SIP	Vendor	Create Time
-	User Card		Not online	120S	001122314454	汇景新城	棕榈园4街5座 负一层	负一层门禁	4005	Fanvil	2018-06-15 14:29:44
	Provision		Online	ITT	000102030405					IP Door Phone	2018-06-14 12:09:49
Ŷ	Address Management										Previous 1 Next
•	Area Device										

Figure 5-2-1

#### 5. Card Manage

Select the device and click "**Card Manage**" to display the user card bound with the Egs. At the same time, user can also add/delete the user card to the Egs, click "**Sync Card**", and all the cards bound with the Egs will be displayed in the card list., as shown in Figure 5-2-2, 5-2-3

1	anvi							₽0 ▲0	Message 🗸	English 🗸	•
-		Area Device									
		深圳方位测试小区									v
	holly.yao	Egs List Phone	List Device Preview								
	Area Device	+ Add Device	එ Reboot 🌨 Factory F	Reset × Remove	⊕ Upgrade	Provision	• Reprovision	Camera Preview	Open Door	🚍 Card Manage	
	Groups	🛛 Egs Log									
œ	Config Manage	> Search									
Ħ	Industry Manage	> Online	Model	Name S	IP M/	IC .	IP		Version	Vendor	
A	Alert Manage	> Online	i31S	4	001 00	a834682553	192.	168.1.102	2.1.1.3694	Fanvil	
٠	System Manage	>								Previous 1	Next
&	Account Manage	<b>&gt;</b>									
2	Message Manage	>									

Figure 5-2-2



F	anvi	_							₽0 ▲0	Message 🗸	English -	()
		Area [	Device	Egs's Card List								
	holly.yao	Card	Mana Sync C	ige ard	and							*
	Area Device	ſ	+ Add	Delete	aiu							
	Groups											
¢\$	Config Manage	-	Search	Bind Address	Name	Card Index	Card ID	Card Status	Create Time		Card Type	_
	Industry Manage	-		null	<b>丁</b> 1		1523327220	Enable	2018-06-05 1	3:54:42	Host	_
Δ	Alert Manage			null	丁10		1523327229	Enable	2018-06-05 1	3:54:42	Host	
				null	丁11		1523327230	Enable	2018-06-05 1	3:54:42	Host	
٠	System Manage			null	丁12		1523327231	Enable	2018-06-05 1	3:54:42	Host	
	Account Manage			null	丁13		1523327232	Enable	2018-06-05 1	3:54:42	Host	
				null	丁2		1523327221	Enable	2018-06-05 1	3:54:42	Host	
2	Message Manage			null	丁3		1523327222	Enable	2018-06-05 1	3:54:42	Host	

Figure 5-2-3

#### 6. Egs log

The Egs log shows the record of the door open event. It can also delete records individually or in batches.

Click "Log Sync" to synchronize the record list with the records on the Egs log and the log in the web page of device, as shown in Figure 5-2-4, 5-2-5

ſ	anvi				₽0 ▲0	Message -	English - 🕩	
-		Area Device						
	0	深圳方位测试小区						•
	GB							
	holly.yao	Egs List Phone List Device Preview						
	Area Device	+ Add Device U Reboot Stactory Rese	x Remove	Provision     Reprovision	Camera Preview	Open Door	Card Manage	
	Groups	Egs Log						
¢\$	Config Manage	Search						
	Industry Manage	Online Model N	ame SIP M	AC IP		Version	Vendor	_
▲	Alert Manage	Online i31S	4001 00	a834682553 192	168.1.102	2.1.1.3694	Fanvil	-
٠	System Manage						Previous 1 Nex	t
2	Account Manage							
2	Message Manage							

Figure 5-2-4



ſ	anvi	l					<b>QO AO</b> N	Aessage 🗸 English 🗸 🕞
	~		Area Devid	æ / Egs Log				
	holly.yao		Egs Log	<b>1 Sync</b>				×
	Area Device		Search	A Desult	Operator	Croate Time	Card ID	
	Groups			Success	operator	2018/06/26 11:42:04	Card ID	Web
œ	Config Manage	>		Success		2018/06/26 11:42:04		Web
				Success		2018/06/11 15:49:51		Web
	Industry Manage	>		Success		2018/06/11 15:49:51		Web
A	Alert Manage	>						First Previous 1 Next Last
٠	System Manage	>						
<b>.</b>	Account Manage	>						
2	Message Manage	>						

Figure 5-2-5

#### 5.2.2 Phone List

1. <u>Reboot</u>, <u>Factory Reset</u>, <u>Upgrade</u>, <u>Provision</u>, <u>Reprovision</u>, operation mode is same as device module.

2. Add Device

Click "Add Device" to add Phone devices in the area

#### **5.2.3 Device Preview**

The device preview interface graphically displays the ratio of Egs devices and phone devices in the area and the ratio of online devices and offline devices, as shown in Figure 5-2-6



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Figure 5-2-6

# 5.3 Groups

The main function of the groups module is that the user can divide the device into different groups according to the model, version, ip, mac, and register status of the device, which facilitates the management of the device, as shown in Figure 5-3-1

	anvi	ľ,	R.	40	Message 🗸	English -		•
	holly yao		Groups Group F Add C Edit  Delete					T
	Area Device		O Reboot         ← Factory Reset	Rule				
	Groups		Search					
0\$	Config Manage	>						Last
	Industry Manage	>	Route Route Primary Server Second Serve Online Model Name SIP MAC IP Version Vendor IP Port Register Status Register Statu	r s A	lias Community	Building	Room	Active Time
A	Alert Manage	>	No Data					
٠	System Manage	>			F	irst Previou	is Nex	t Last
*	Account Manage	>						
2	Message Manage	>						

Figure 5-3-1

#### 5.3.1 Add Group

Users can enter add group page by click the "Add" button. On this page, users could custom the group name, add related device search type for this group(the condition of same type could be added more than once). By chosing search typr and enter related data and click "Add" button, users can add a group successfully, and the devices match the group condition will show in the table list, as shown in Figure 5-3-2 and 5-3-3.

Note: multiple same query conditions exist or relationship, multiple different query conditions exist and relationship



F	anvi							2	0 40	Message +	English -	•
			Groups / Add G	roup								
			Add Group									×
	CIE		Group Name									
	holly.yao	_	test									
	Area Device		X Model									•
	Groups		Search Type									
¢\$	Config Manage	>	Model									-
	Industry Manage	>	Add (1)									
▲	Alert Manage	>				Cancel	Sure	2				
٠	System Manage	>										
*	Account Manage	>										
2	Message Manage	>										
					Figur	e 5-3-2						
1									0 4 0	Message 🗸	English -	•
-	GIM		Groups 1									
			Group									
	TED.		test									
	holly.yao		+ Add 🕼 Edit	Delete								
		-										

ſ	anvi														₹0 40	Messag	je <del>-</del>	English -	•
			Gro	ups 🕻	)														
			Group test	p															
_	holly.yao		+ /	Vqq 🔇	Edit 🔒 D	)elete													
	Area Device		¢	Reboot	+ Factory	Reset	Delete	<b>⊙</b> Upg	rade 🛛 🛛 Pro	vision	🖤 Rep	rovision	Download De	vices	🔦 Make Rule				
	Groups		Sear	rch															
¢\$	Config Manage	>												Route	Primary Serv	er Register	ę	Second Server Reg	jister
	Industry Manage	>		Online	Model N	Jame Si	IP MAC	3023069	IP	Vers	ion	Vendor	Route IP	Port	Status		5	Status	
	Alert Manage	>	Ľ	Onine	XI.		2	9629619	0	12.1	.0.0105	1 drivi	115.125.05.55	23240	inacuve			nactive	
٠	System Manage	>															First	Previous 1	Vext Last
2	Account Manage	>																	
2	Message Manage	>																	

Figure 5-3-3

## 5.3.2 Edit

Users firstly choose a group name and then click the "Edit" button, the edit page will show up, and users could edit the search type for this group.

#### **5.3.3 Delete**

Users choose a group name and then click "Delete" button, then the group will be deleted.



#### 5.3.4 Download Group Device

Users choose a group name and then click the "**Download Device**" button, then users will get an excel document in which the detail information of the group devices will be listed.

#### 5.3.5 Make Rule

Click "Make Rule" button to enter the rule management page and create a scheduled task for the corresponding group. For details, refer to "<u>Config Manage  $\rightarrow$  Rule Management</u>". As shown in Figure 5-3-4.



Figure 5-3-4



# 2. Config Manage

## 6.1 Provision

The main function of the module is to configure the template of the device (SIP, TR069, and network). The configuration template and the private configuration template form a complete configuration template. The configuration template includes a common configuration template and a model-specific configuration template. Similar the private configuration templates also include a common private configuration template and a model-specific private configuration template. as shown in Figure 6-1-1.

Notify: The complete configuration file of a device consists of four parts: common configuration template, model-specific configuration template, common private configuration template, and model-specific private configuration template.

	anvil			•	0 40	Message 🗸	English -	•
		Provision Template List 0						
		+ Add Provision Template						
	holly.yao	Provision Template						
Q\$	Config Manage 🛛 🗸							Ŧ
	Provision	I Edit						
	Model Management							
	Address Management	+ Add Tolete						
	Rule Management	Search						
	Industry Manage >	MAC	Used	Create Time			Edit	
6-6				No Data				
	Alert Manage					F	irst Previous	Next Last
٠	System Manage >							

Figure 6-1-1

#### 6.1.1 Add Provision Template

Click the "Add Provision Template" button to enter the Add Provision Template page. As show in Figure 6-1-2



ſ	anvil	<table-cell> 🎝 Message - English - 🕞</table-cell>	
		Provision Template List / Add Provision Template	
		Add Provision Template	•
	GE	Model	
	holly.yao	Common	
		Provision Template Name	
Q\$	Config Manage 🛛 🗸		
	Provision	SIP TR069 Network Time Dial Plan Features Action URL	
	Model Management	Enable	
	Address Management	Register Server Address	
	Rule Management	Register Server Port	
Ħ	Industry Manage 🔹	5060	
A	Alert Manage >	Proxy Server Address	
٠	System Manage	Proxy Server Port	

Figure 6-1-2

#### 6.1.2 Add Private Provision

To add a private template, the user must first select a provision template and click "Add". As show in Figure 6-1-3

Canvil				🗣 0 🗚 0 M	essage - English -	•
	Provision Template List					
	+ Add Provision Template					
holly.yao	Provision Template					1
🚓 Config Manage	- TEST					Ŧ
Provision	I Edit					
Model Management	(2)					
Address Manageme	nt					
Rule Management	Search					
Industry Manage	> MAC	Used	Create Time		Edit	
			No Data			
Alert Manage	<b>&gt;</b>				First Previous	Next Last
🔅 System Manage	<b>&gt;</b>					



There are four ways for adding private provision:

1. Select a provision template, click "**Add Private provision**", select **Single**, enter the Mac address directly, and enter the SIP number, authentication user name, and authentication password. Use it together with the provision template to configure the SIP, TR069, and network of the device, as shown in Figure 6-1-4


	anvil		•				
		Provision Template List / Add Private Provision					
		Add Private Provision Provision Template Name Stranger	×				
	holly.yao	80561A61					
¢\$	Provision	Single Location Group Configuration Import					
٠	Settings	MAC	_				
<del>ပ</del> ္ပ	Fault	SIP					
	Model Management SIP Number						
*	Rule Management						
9	Address Management	Authentication Name					
#	Area Device	Authentication Password					



2. Select a provision template, click "Add Private Provision", select Location/Group and select an address. The device under this address is directly configured with the template. It is used in conjunction with the provision template to configure the SIP, TR069, and network of the device, as shown in Figure 6-1-5

ľ	anvil	👥 o 🗛 o Message - English - 🕞	Ĵ
		Provision Template List / Add Private Provision	
		Add Private Provision	
	ballyurae	88server	
	nolly.yao		
¢\$	Provision	Single Location Group Configuration Import	
*	Settings	Address	
-	<b></b> -	Address Pick	
<mark>С</mark> Р	Fault	Start SIP Number	
	Model Management		
		Authentication Password	
*	Rule Management		
•	Address Management	Cancel Sure	
4	Area Device		

Figure 6-1-5

3. Select a provision template and click "Add Private Provision". Select the import file. The file is an Excel. There is a Mac address. The provision template can be directly configured on multiple devices. It can be used in conjunction with the provision template to complete SIP and TR069, network on the device, as shown in Figure 6-1-6

Note: the mac column in the exported excel table only supports numbers and letters, and the sip number column only supports numbers



	anvi	👥 o 👢 o Message - English - 🕞	
	-	Provision Template List / Add Private Provision	٦
		Add Private Provision	
		Provision Template Name	
	holly.yao	TEST	
¢\$	Config Manage 🗸 🗸	Single Location Group Configuration Import	
	Provision		
	Model Management	Upload Hie	
	Address Management		
	Rule Management	Cancel Sure	
	Industry Manage 🔹		
A	Alert Manage >		
٠	System Manage		

#### Figure 6-1-6

Note: The success of the addition is only the completion of a configuration file, but it is not configured into the device. After the device initiates a TR069 connection for the next time, FDMS checks whether there are any fresh configuration files that need to be configured on the device, and if so, it is configured. After the configuration file is used, it will be expired until it is modified to continue to use it.

## 6.1.3 Edit

Click "Edit" button to edit template of SIP, TR069, and network

#### 6.1.4 Delete

Click "Delete" button to delete the added configuration template

# 6.2 Model Management

The Model Management page provides different features for administrators and non-admins:

1. Administrator: Admin can add/delete/edit device models, configure the maximum sip line of the device model, whether to open the door and video, upload the corresponding software/configuration file, certificate file, as shown in Figure 6-2-1



						2	0 🜲 0 M	lessage 🗸	English - 🕩
		Model Manager + Add 🖀 Dele	nent						
	Fanvil	Search	Lindata Time	May Sin Line	Support Open Deer	Support Vidal	Description	Eda	File Management
	Dravicion	C400	2019-01-14 19:32:00	6	No	No	安卓话机	Edit	
	PTOVISION	C600	2018-11-12 11:20:57	6	No	Yes	安卓视频话机	2	
	Model Management	D4	2019-01-15 14:09:08	4	No	No		Ø	
	Upgrade Manage	D4G	2019-01-15 14:09:36	4	No	No		Ø	
-	Address Management	D4P	2019-01-15 14:09:18	4	No	No		Z	
		D5G	2019-01-15 14:09:44	4	No	No			
	Rule Management	E02	2019-01-15 14:02:09	2	No	No			
	Industry Manage 🔹 🕨	E02C	2019-01-15 14:05:37	2	No	No		Z	
A	Alert Manage	E139	2019-01-15 14:23:22	4	No	No		Z	
		E4G	2019-01-15 14:06:45	4	No	No			
٠	System Manage >	E4P	2019-01-15 14:06:37	4	No	No			

Figure 6-2-1

2. Non-admins: Users can only view the maximum sip line of the corresponding device model, whether it supports opening the door and video, upload the corresponding software/configuration file, certificate file, as shown in Figure 6-2-2:

ſ	anvil					20	A Message -	English -
		Model Ma	anagement					
		Search						
	(TE)	Model	<ul> <li>Update Time</li> </ul>	Max Sip Line	Support Open Door	Support Videl	Description	File Management
	holly.yao	C400	2019-01-14 19:32:00	6	No	No	安卓话机	
		C600	2018-11-12 11:20:57	6	No	Yes	安卓视频话机	
	Model Management	D4	2019-01-15 14:09:08	4	No	No		
	Address Management	D4G	2019-01-15 14:09:36	4	No	No		
	Rule Management	D4P	2019-01-15 14:09:18	4	No	No		
	rue management	D5G	2019-01-15 14:09:44	4	No	No		
	Industry Manage 🔹	E02	2019-01-15 14:02:09	2	No	No		
A	Alert Manage 🔹 💙	E02C	2019-01-15 14:05:37	2	No	No		
	Sustem Manage	E139	2019-01-15 14:23:22	4	No	No		
*	System Manage 7	E4G	2019-01-15 14:06:45	4	No	No		
2	Account Manage >	E4P	2019-01-15 14:06:37	4	No	No		
	Message Manage >	E6	2019-01-15 14:08:21	6	No	No		
		FAG	2018-11-29 15-06-33	6	No	No	山高级 运机	



# 6.3 Address Management

The main functions of the address management module are: selecting an address, adding an address, an address list, and searching for an address function, as shown in Figure 6-3-1



1						, ₽0	40	Message -	English 🗸	•
-		Address Manager	nent							dd Addross
	holly vao	* seclect address	1							
	Model Management	Address List								
	Address Management Rule Management	亩 Delete								
	Industry Manage 💙	Search (4)								
A	Alert Manage	Addi	ess	Create Time	Egs	Amount		Phone Amount		
٠	System Manage 💙	3 sher	zhen	2019-02-20 10:38:35	0			0		
*	Account Manage >							First P	revious 1	Next Last
2	Message Manage 💙									

Figure 6-3-1

- 1. Select address: select address module can use three modes to create address
- 2. Add address: there are two ways to add an address
- 3. Address list: display the number of devices in the address, etc.
- 4. Search for address: users can quickly search for the address you are looking for

#### 6.3.1 Select Address

Select address module provides three modes to create addresses: messy, rule and plot mode, users can use the combination of the three added modes to create a specific address. For example, create a plot mode address, as shown in Figure 6-3-2

Note: when the location information is added, the rule maximum support 100, and the plot mode maximum support 500. The address created in the selection address cannot be deleted. Please add it carefully.



1			<b>90</b> 40	Message - English - 🗭
		Address Management shenzhenfanvil * seclect address		+ Add Address
	holly.yao Model Management Address Management	shenzhen fanvil Address List	Messy Rule Plot Mode	
	Rule Management	☆ Delete	+ Add As Address?	
	Industry Manage 🔸	Search	♀ 0101 × ♀ 0102 ×	
▲	Alert Manage >	Address Create Time		Phone Amount
•	System Manage >	shenzhen 2019-02-20 10:38		First Previous 1 Next Last
<u></u>	Account Manage >			
2	Message Manage 💙			

Figure 6-3-2

### 6.3.2 Add Address

After the address is added successfully, the added address will be displayed in the address list. Follow-up module will be associated with the added address. The address is added in two ways. 1. After selecting the address to add, directly check the "**as Address**" check box, as shown in Figure 6-3-3

Fanvil				🗣 0 🗍 0 Message - English -	•
	Address Management				
	shenzhenfanvil0101			+ Add Add	tress
(AB)	* seclect address				
holly.yao	shenzhen	fanvil	0101		
Model Management				Messy Rule Plot Mode	
Address Management	Address List				
Rule Management	1 Delete			+ Add As Address?	
📕 Industry Manage ゝ	Search				
🛕 Alert Manage 💙	Address	Create Time			
🔹 System Manage 🔉	shenzhen	2019-02-20 10:3	38:35	txe	Last
Account Manage >	L				
🔍 Message Manage 💙					

Figure 6-3-3

2. Select the previously added address in the Select Address drop-down list and click the "Add Address" button, as shown in Figure 6-3-4



F	anvi			<b>R</b> O <b>A</b>	🗴 Message - English - 🕞
		Address Management			
		shenzhenfanvil			Add Address
	GE	* seclect address	1		
=	holly.yao	shenzhen fa	nvil		
	Model Management	Address List			
	Address Management				
	Rule Management	Delete			
	Industry Manage 🔹 🕨	Search			
A	Alert Manage	Address	Create Time	Egs Amount	Phone Amount
٠	System Manage 🔹 🕨	shenzhen	2019-02-20 10:38:35	0	0
8	Account Manage >				Thist Frevious T Wext Last
2	Message Manage >				

Figure 6-3-4

### 6.3.3 Address List

The address list can display the creation time of the address, the number of Egs and phones, search and delete the added addresses.

# 6.4 Rule Management

The main function of the rule management: users can customize the creation of timed tasks (including upgrade, reboot, and alarms). The actions supported by each task are shown in Table 1.

Rule Type		Reboot	_		Upgrade	_	Alert
Action	By group	By address	By model	By group	By address	By model	By group
Table 1							

#### 140

### 6.4.1 Add Rule

On the rule management page, click the "Add" button to enter the rule operation page, and then select the corresponding options, taking group reboot as an example, as shown in Figure 6-4-1



le Operate	×
Rule Type	
Reboot	-
Action	
Reboot By Group	
Execute Mode	
Initiative     Passive	
All Time	
Start Execute Time	
2019-02-14.09:50	
End Execute Time	
2019-02-14 09:55	
Group Name	
1315	
Cancel	

Figure 6-4-1

Execute Mode:

Initiative: The FDMS system will automatically check the device status, and after the set time is reached, perform the corresponding operation.

Passive: The device actively adapts the rules. The main application is to set rules in the system in advance. After the device is connected to the FDMS, the corresponding operation is performed within the set time.

Note: When the rule type is upgrade, you need to upload the corresponding upgrade software on the Model Management - File Management page in advance.

### 6.4.2 View the rule execute result

After the added rule is executed, the user can click the icon to view the details of the implementation, as shown in Figure 6-4-2



1	<b>WELCOME</b>					₹0 ▲0	Message - English	- 🕩
		Rule Management						
	hollyvao	Search						
=		Status	Rule Type	Execute Mode	Start Execute Time	End Execute Time	Create Time	Edit
	Model Management	Finished 😝	Reboot	Initiative	2019-02-13 14:15	2019-02-13 14:20	2019-02-13 14:13:01	8
	Address Management						First Previous	1 Next Last
	Rule Management							
	Industry Manage 📏							
A	Alert Manage >							
٠	System Manage >							
\$	Account Manage >							
2	Message Manage 💙							

Figure 6-4-2

Users can check the execution result of the device on the rule execution result page, as shown in Figure 6-4-3

Rule Execute Result				(
Executed Targets				
MAC	Action	Start Time	End Time	Result
0c383e1e6179	Reboot	2019-02-13 14:15:00	2019-02-13 14:15:00	Overtime
009c2d3d84aa	Reboot	2019-02-13 14:15:00	2019-02-13 14:15:01	Succeed
				First Previous 1 Next Las
Unexecute Targets				
MAC	Model	Community	Building	Room
		No Dat	a	
				First Previous Next Las

Figure 6-4-3

# 6.4.3 Edit

Click the "Edit" button to edit the added rules.

## 6.4.4 Delete

Check single or multiple rules, click the "Delete" button, the corresponding rules will be deleted from the system.



# 3. Industry Manage

# 7.1 Administrator Card

Users can add an administrator card and search, delete, edit, and add single or multiple administrator cards to the Egs, as shown inFigure 7-1-1

6							👥 o 🜲 o Messa	ige - English -	•
		Administrator Card							
		+ Add Card	☞ Add To Egs						
	holly.yao	Search	Name	Card Index	Card ID	Card Status	Craste Time	Edit Accass F	
	Administrator Card	深圳方位测试小区	boboobob	Card Index	5784323873	Enable	2018-12-11 10:14:12		79
	User Card							First Previous 1 Ne	ext Last
	User Management								
	Egs Log								
<b>A</b>	Alert Manage								
٠	System Manage								
	Account Manage								
	message manage								

Figure 7-1-1

## 7.1.1 Add Card

Click the "Add card" button to enter the add card page, provide two ways

1. Location Referance: Select the address to add the card. If there is an access control device under the address, the card will be automatically added to the access control device, as shown in Figure 7-1-2.



	anvil	<b>₹0 ≜0</b>	Message -	English -	•
		Administrator Card / Add Card			
		Add Card			×
		Location Reference Import Model			
	holly.yao	Address			
	Administrator Card			Address	s Pick
-		Name			
	User Card				
	User Management	Card Index			
	Egs Log	Card ID			
	Alert Manage				
	Custom Managa	Card Status			_
	System Manage	Enable			
*	Account Manage >	Department			_
2	Message Manage >	Position			



2. Import model: Import mode will also be associated with the location, first export the administrator card template, fill in the information, import again, all card lists will be added to the access control device under the address, as shown in Figure 7-1-3

ſ	anvi	Į	90 ♣0 Message - English -	•
			Administrator Card / Add Card	
			Add Card	×
	holly.yao		Location Reference     Import Model       Ø Export administrator card template     ①	
	Administrator Card		Address	ess Pick
	User Card		Upload File	
	User Management			elect
	Egs Log		Cancel Sure	
▲	Alert Manage	>		
٠	System Manage	>		
2	Account Manage	>		
2	Message Manage	>		



Note:

- 1. Card Index and card ID are in one-to-one correspondence
- 2. Card Index: If the card relation list is imported in advance, the card Index will be generated automatically after the card ID is input.
- 3. Department: The default display address of the last three addresses, also can be customized
- 4. After the administrator card is added successfully, it is automatically delivered to all devices under the address.



## **7.1.2 Delete**

Select one or more administrator cards, click the "delete" button, the corresponding administrator card will be deleted in the list, the administrator card that is bound to all devices will be deleted accordingly.

# 7.1.3 Add to Egs

One or more administrator cards can be added to different Egs under different area

### 7.1.4 Edit

Select "Edit" button, users can enter the administrator card editing page, and can modify the administrator card information.

### 7.1.5 Access Egs

Click the access Egs button to view which Egs devices exist in the administrator card, as shown in Figure 7-1-3, 7-1-4

1								👥 i 🔍 Messa	ige - English - (	•
-			Administrator Card							
	Q		+ Add Card 🗎 Delete	🕼 Add To Egs						
	GB		Search							
	holly.yao	-	Bind Address	Name	Card Index	Card ID	Card Status	Create Time	Edit Access Egs	
	Administrator Card		深圳方位测试小区	boboobob		5784323873	Enable	2018-12-11 10:14:12		
	User Card								First Previous 1 Next	t Last
	User Management									
	Egs Log									
A	Alert Manage	>								
٠	System Manage	>								
8	Account Manage	>								
2	Message Manage	>								

Figure 7-1-3



ſ	anvi	_						₹0 40	Message -	English -	٦
		A	dministrato	r Card / Ad	cess Egs						
		[4	iccess Eg	gs							×
	holly.yao		會 Delete	e							
	Administrator Card		Search								
-	User Card			Online	Model	MAC	Community	Building	Room	Vendo	л
-		-		Online	i31S	00a83468254e	深圳	方位测试小区	推油iui偶i	Fanvi	C .
	User Management								First	Previous 1	√ext Last
	Egs Log										
A	Alert Manage	>									
٠	System Manage	>									
*	Account Manage	×									
2	Message Manage	<b>&gt;</b>									

Figure 7-1-4

# 7.2 User Card

The user card module manages all user cards. It can search, add, delete and edit user cards, and add single or multiple user cards to the Egs, as shown in Figure 7-2-1

1							<b>90</b> 40	Message 🗸	Englis	h - 🗭
-		User Card								
		+ Add Card	🕑 Add To Egs	Card Index Manage	ement					
	(AB)	Search								
	holly.yao	Bind Address	Name	Card Index	Card ID	Card Status	Issuer Time	Card Type	Edit	Access Egs
	Administrator Card	深圳方位测试小区	vpvp		8566322224	Enable	2018-11-08 09:43:37	Guest	1	_€
	Liner Card	深圳方位测试小区	25.25		4234658564	Enable	2018-11-08 09:50:57	Guest	Z	<b>-</b>
	User Calu	深圳方位测试小区	测试11201		5768784454	Enable	2018-11-08 09:37:06	Host	Ø	•
	User Management	深圳方位测试小区	测试11200		5768784453	Enable	2018-11-08 09:37:06	Host	1.	<b>e</b>
	Egs Log	深圳方位测试小区	测试测试1		9676564333	Enable	2018-11-08 09:59:08	Host		-
		深圳方位测试小区	测试测试		9676564332	Enable	2018-11-08 09:59:08	Host	Ø	<b>_</b>
A	Alert Manage >	深圳方位测试小区	我的1		8976756544	Enable	2018-11-08 09:39:40	Host	Ø	-
٠	System Manage >	深圳方位测试小区	我的		8976756543	Enable	2018-11-08 09:39:39	Host	8	<b>e</b>
*	Account Manage >	深圳方位测试小区	\$0\$0\$00\$		6478349323	Enable	2018-12-11 10:14:54	Guest		<b>_</b>
		深圳方位测试小区	00000		5768789789	Enable	2018-07-30 12:11:08	Guest	Ø	•
2	Message Manage >		admin4		9999000023	Enable	2018-11-16 17:36:15	Host	8	-



# 7.2.1 Add Card

There are three ways to add a card: location Reference , User Reference and Import Model . After the success is added, the user card can be directly delivered to the user or the Egs device that the user under the address needs to pass through, as shown in Figure 7-2-2



Fanvil	₽0 👫 O Message - English - 🗭
	User Card / Add Card
	Add Card 🔹
	Location Reference User Reference Import Model
holly.yao	Address
Administrator Card	Address Pick
User Card	
User Management	Card ID
Egs Log	Card Status
Alert Manage	Enable
	Department
🏟 System Manage 🔉	
🔒 Account Manage 🔸	Position/Card Index
🗙 Message Manage 🔸	Location Speed Dial

Figure 7-2-2

### **7.2.2 Delete**

Select one or more user cards and click the "**Delete**" button. The corresponding user card will be deleted from the list. The user cards bound to all devices will be deleted accordingly.

# 7.2.3 Add to Egs

Select one or more user cards to add to different Egs in different locations, as shown in Figure 7-2-3

F	anvi					₹0 ▲0	Message +	Englis	h - 🗭
		User Card							
		+ Add Card 💼 Delete	🕼 Add To Egs 🏼 🏟 Card I	Index Management					
	GE	Search							
	holly.yao	Bind Address	Name Card I	Index Card ID	Card Status	Issuer Time	Card Type	Edit	Access Egs
	Administrator Card	深圳方位测试小区	урур	8566322224	Enable	2018-11-08 09:43:37	Guest	I	<b>e</b>
	Uppr Cord	深圳方位测试小区	88	4234658564	Enable	2018-11-08 09:50:57	Guest	Ø	<b>*</b>
	User Calu	深圳方位测试小区	测试11201	5768784454	Enable	2018-11-08 09:37:06	Host	ß	<b>P</b>
	User Management	深圳方位测试小区	测试11200	5768784453	Enable	2018-11-08 09:37:06	Host	2	•
	Egs Log	深圳方位测试小区	测试测试1	9676564333	Enable	2018-11-08 09:59:08	Host	Ø	•
		深圳方位测试小区	测试规则式	9676564332	Enable	2018-11-08 09:59:08	Host	2	<b>₽</b>
A	Alert Manage >	深圳方位测试小区	我的1	8976756544	Enable	2018-11-08 09:39:40	Host	Ø	•
٠	System Manage >	深圳方位测试小区	我的	8976756543	Enable	2018-11-08 09:39:39	Host	8	<b>₽</b>
	Account Manage	深圳方位测试小区	\$0\$0\$00\$	6478349323	Enable	2018-12-11 10:14:54	Guest	ß	£
		深圳方位测试小区	00000	5768789789	Enable	2018-07-30 12:11:08	Guest		<b>₽</b>
2	Message Manage >		admin4	9999000023	Enable	2018-11-16 17:36:15	Host	C	<b>_</b>

Figure 7-2-3



#### 7.2.4 Edit

Edit existing user card, address and card ID cannot be modified, others can be modified

#### 7.2.5 Card Index Management

The main function of the card Index management module is to support the list of the correspondence between the card Index and the card ID, as well as to delete the uploaded data and support a key clear operation, as shown in Figure 7-2-4

1	anvil				<b>90</b> 40	Message -	English -	٦	
	hollyyao		User Card // Card Index Management Card Index Management Upload File			B	Select	Upload	×
	Administrator Card		Search						
	User Management		Card Index	Card ID	Issuer Time				
	Egs Log			No Data		First	Previous	Next Las	t
\$	System Manage								_
*	Account Manage	> >							



Note: The uploaded file format only supports .xls. After the upload is successful, users can enter the card index management page and view the successfully uploaded card relationship list. When the number of card numbers is large, a progress bar will be displayed in the upper left corner of the page to indicate the upload progress.

#### 7.2.6 Access Egs

Click the access Egs button to view which Egs devices exist in the user card.

# 7.3 User Management

User management module can add and delete users, manage existing users, as shown in Figure 7-3-1



ſ	anvi				♥● ▲● Message	- English - 🕩
		User Management				
	noity.yao	<ul> <li>Bind Address</li> </ul>	Usemame	Phone	Create Time	Edit
	Administrator Card		Ν	lo Data		
	User Card					First Previous Next Last
	User Management					
	Egs Log					
▲	Alert Manage					
٠	System Manage					
*	Account Manage					
2	Message Manage					

Figure 7-3-1

# 7.3.1 Add

Click the "Add" button to enter the Add page:

1. The device can be directly bound to this user via Egs MAC address and Phone Mac address, as shown in 7-3-2

			Message - English - 🕞
-		User Management / Add User	
		Add User	(*)
	$\checkmark$	Address	
	holly.yao		• Address Pick
A	Home	Username	
~	Device	Phone	
-	Administrator Card	Emilia	
-	User Card		
	Provision	Phone MAC	
•	Address Management		
0	Area Device		



2. It can issue cards automatically, divided into serial type and messy type. It can be directly added to the user card. If the Egs MAC address is bound, the automatic issuance card can be sent directly to the equipment, as shown in Figure 7-3-3



Dispatch Card Automatic			
Card Amount			
Dispatch Card Model			
Serial Messy			
Card Information			

Figure 7-3-3

3. If you bind the Egs MAC address, select the automatically assigned sip account, users can use the configuration template to configure, as shown in Figure 7-3-4

Dispatch SIP Automatic			
Provision Template Name			
Start SIP Number			
SIP Password			
	Cance	el Sure	

Figure 7-3-5

### 7.3.2 Edit

Modify users phone and modify/add Mac address for device.

### **7.3.3 Delete**

Select a user or multiple users, click "Delete", the corresponding user will be deleted in the system.

# 7.4 Egs Log

The Egs log module records the door opening event. Users can delete the Egs logs in a single/batch mode or clear with "**Delete All**" button. And can also quickly search for the corresponding logs, as shown in Figure 7-4



F	anvi			<b>20</b> 40	Message - Englis	sh - 🕞
	~	Egs Log				
		Delete 🦗 Delete All 🖬 Statistics      Over	due Egs Log			Auto Refresh?
		Search				
	holly.yao	Device	Result Operator	Create Time Card Index	Card ID	Access Type
	Administrator Card	方位则试小区W1W3W1-1负一楼	Success	2019/02/15 11:39:30		Web
-		方位测试小区W1W3W1-1负一楼	Success	2019/02/15 11:39:30		Web
	User Card	深圳方位测试小区受到广泛的会更好	Success	2019/01/18 14:41:33		Local
	User Management	深圳方位测试小区受到广泛的会更好	Fail	2018/10/31 17:46:00	0012345678	Illegal Card
		深圳方位测试小区受到广泛的会更好	Fail	2018/10/31 17:45:57	0012345678	Illegal Card
	Egs Log	深圳方位测试小区受到广泛的会更好	Fail	2018/10/31 17:45:43	0012345678	Illegal Card
A	Alert Manage >	深圳方位测试小区受到广泛的会更好	Fail	2018/10/31 17:45:42	0012345678	Illegal Card
		00d84a0065cc	Fail	2018/08/02 11:01:49	0011709658	Illegal Card
•	System Manage >	00d84a0065cc	Fail	2018/08/01 18:02:50	0011709658	Illegal Card
2	Account Manage	00d84a0065cc	Fail	2018/08/01 16:17:03	0011709658	Illegal Card
		00d84a0065cc	Fail	2018/08/01 10:46:44	0011709658	Illegal Card
2	Message Manage >	00d84a0065cc	Fail	2018/08/01 09:20:28	0011709658	Illegal Card

#### Figure 7-4

Note: If users need Egs log synchronization upload, they need to set Enable Open Log Server: TR069or all on the web side of the devices, as shown in 7-4-1

CSSVII				🗹 Keep Or	line English	Logout	( admin )	
				Dial		Answer	Hang Up	
	Features	) Video )	MCAST		Time/Date			
	Features	Video	MCAST	Action URL	lime/Date			
› System								
	Common Settings							
> Network	Switch Mode	Monostable 🔻	Switch-C	n Duration	5 (1~600	))Second(s)		
	Enable Card Reader	Enable 🔻	Card Rea	der Working Mode	Normal 🔻	]		
, Line	Card Reader HF Card Data Reverse	Disable 🔻						
> EGS Setting	Limit Talk Duration	Enable 🔻	Talk Dura	ition	120 (20~60	00) Second(s)		
	Remote Password	•	Local pas	sword	••••			
> ECS Access	APP Door Open	Disable 🔻	APP Pass	word	•			
	Enable Indoor Open	Enable 🔻	Enable A	ccess Table	Enable 🔻	选择TR06	59	
S ECS Long	Description	i31S IP Door Phone	Enable O	pen Log Server	TR069 T			
7 Lus Lugs	Address of Open Log Server	0.0.0.0	Port of O	pen Log Server	UDP			
> Door Lock	Door Unlock Indication	Long Beeps 🔻	Remote	Code Check Length	TR069 ( 1	~11)		
			Apply					
> Function Key								
	Basic Settings >>							
> Alert	Block Out Settings >>							
		Current S	oftware Version: 2.1	1.3417 Diabas Davas d				
		Fanvii Technology	Co., Ltd. (C)2014 All	Rights Reserved.				

Figure 7-4-1

Note:

1. Access types include: valid card, invalid card, disabled card, temporary card, local password, remote password, web six types

2. Check the "Auto refresh?", the Egs log will be refreshed in real time, the refresh time is 5s

# 7.4.1 Delete

Select the corresponding Egs log and click the "Delete" button. The corresponding Egs log will be



deleted from the access log list.

### 7.4.2 Delete All

Click the "Delete All" button (There is no need to select Egs log). All Egs logs will be cleared.

### 7.4.3 Statistics

Provides multiple ways to search the Egs log and download the Egs log, as shown in Figure 7-4-2 There are 5 ways to filter:

- 1. Filter based on the device's address
- 2. Filter by card Index
- 3. Filter by card ID
- 4. Filter by devices
- 5. Filter by time period

ſ	anvi								₹0 ≜0	Message +	English -	•
			Egs Log / Sta	atistics								
			Statistics									×
			Address	Search	*	Card Index	please entry card index	Card ID	please entry card id		Q Search	1
_	holly.yao		Device	Search	*	Start Time		End Time			Download	
	Administrator Card		Search									
	User Card		Deault	A Davias	0	aaratar	Create Time		Card ID	Assess Tu		
	User Management		Result	- Device	0		No Data		Cald ID	Access Ty	he	
	Egs Log									Firs	st Previous N	ext Last
A	Alert Manage	>										
٠	System Manage	>										
*	Account Manage	<b>&gt;</b>										
2	Message Manage	>										

Figure 7-4-2

## 7.4.4 Search

Enter the corresponding information in the search box to quickly search for the Egs logs.



# 8. Alert Manage

# 8.1 Fault

The fault page listed the unfinished tasks which were generated due to device exception when doing card operation. Users can click the "**Retry**" button to restart the related task, and the unfinished task will be executed once the device connected normally, also if the task finished successfully this time, the record will be removed from the fault list. As shown in Figure in 8-1-1

F	anvi							20	\$ 3102	Message -	English 🗸	()	•
		e (, , , , , , , , , , , , , , , , , , ,	Fault	ata									
	MA .		Search										
	nolly.yao			Device	Method	Card Type	Card Number		Create	Time		Retry	
Q\$	Config Manage	>		aa0000000f0b	Assign Card	General Card	2		2019-0	1-28 11:35:42		C	
	Industry Manage	>		00d84a0064f8	Assign Card	Administrator Card	1		2019-0	1-23 09:21:39		C	
643										First	Previous	Next	Last
	Alert Manage	*											
	Fault												
	Alert												
٥	System Manage	>											
2	Account Manage	>											
2	Message Manage	>											

Figure 8-1-1

# 8.2 Alert

The alert page mainly displays the alert information in the abnormal state of the device in the system (including the device offline, control device failure, etc.), and provides the following functions, as shown in Figure 8-2-1

- 1. Search for alert information based on device mac.
- 2. Search for alert information by date.
- 3. Advanced search alert information
- 4. Delete the alert information.
- 5. Unbind the alert information.
- 6. Statistics of alarms by model, version, address, and grouping.



1	anvi		₹0 40	Message ·	- En	glish - 🕞
		Alert				
		0c383e1ec926	F	eb 2019		
	AND I		Mo Tu	We Th	Fr	Sa
	U AE	27	28 29	30 31	1	2
	bolly yao	3	4 5	6 7	8	9
	nonj.juo	10		13 14	15	16
-	Config Manage	17	18 19	20 21	22	23
***	Comg Manage	24	4 5	6 7	8	9
	Industry Manage					
▲	Alert Manage	() () () () () () () () () () () () () (				
	Fault					
	Alert	Search				
		Device Type Remark	Create Time	Status	Level	Unbind Time
٠	System Manage	0c383e1fbd4d Offline	2019-02-20 00:07:2	8 Cleared	Normal	2019-02-20 00:07:37
2	Account Manage	0c3af52d7e33 Offline	2019-02-19 23:55:2	.7 Cleared	Normal	2019-02-19 23:55:35
	Wanner	00a834682551 Offline	2019-02-19 11:05:3	8 Cleared	Normal	2019-02-19 11:27:50
2	Message Manage	0c383e23b592 Offline	2019-02-19 10:42:3	7 Cleared	Normal	2019-02-19 11:03:52

Figure 8-2-1

Note:

1. Click the Alert icon to jump directly to the alert page.

2. Alerts are automatically generated when the device is offline or fails to control.

3. If the device is offline and automatically online after a while, the offline alarm status will automatically change from the ringing state to the cleared state.

4. The number displayed by the alert icon is the number of alert messages in which the alert information that exists on the current day is ringing.



# 9. System Manage

# 9.1 Settings

Settings page can be used to set table columns , card relate, alert Notify and overdue data clean

### 9.1.1 Table Columns Setting

Users can check the columns to be displayed they want. The device management list in the "**Device/Group/Area Device**" module will be displayed accordingly. Take the device page as an example, as shown in Figure9-1-1

1. For example, check the rout IP, rout port

E				<b>2</b> 0 <b>4</b> 0	Message - English - 🕩
	holly yao	Table Columns Setting Select Table Devices All			v
AI AI	lert Manage 🔹 🗲	MAC	V IP	Version	Vendor
🔅 Sy Se	ystem Manage 🛛 👻 ettings	Alias	Community	Primary Server Register     Building	Second Server Register     Room
O	Putreach Manage	Last Active Time			
Lc	lount Manage	Alert Notify Setting			
🍰 Ac	ccount Manage >	All     Offline	✓ Reflect Conflict	✓ Control Fail	Register Exception

Figure 9-1-1

2. Device list will displayed in device module, as shown in Figure 9-1-2



F	anvil											0 4	Message	• English •	•
	-	De	vice												
		Ċ	Reboot	+ Factory Res	et 1	Delete	⊕ Upgrad	e OProvision	<b>₽</b> Parameter	ta Auto T	est 🗣 Reprovisio	on +	Add Device		
	GB	Sea	arch												
	holly.yao	đ	Online	Model	Name	SIP	MAC	IP	Version	Vendor	Route IP	Route Port	Primary Server Register Status	Second Server Register Status	Last Active Time
	Device		Online	i31S		4001	00a83468 2553	192.168.1.102	2.1.1.3694	Fanvil	119.123.69.99		Registered	Registered	2019-02-20 13:57:12
	Area Device		Online	i31S	4001	4001	00a83468 254e	192.168.1.163	2.1.1.3694	Fanvil	119.123.69.99	37508	Timeout	Timeout	2019-02-20 13:56:49
	Groups		Online	i31S	743	743	00a83468 2551	192.168.1.164	2.1.1.3694	Fanvil	119.123.69.99	38132	Registered	Inactive	2019-02-20 13:57:07
4	Config Manage >		Online	i31S	162	4001	00d84a00 6582	192.168.1.103	2.1.1.3694	Fanvil	119.123.69.99	40743	Timeout	Inactive	2019-02-20 13:57:13
	Industry Manage >		Online	i31S	4004	4004	00d84a00 64f2	192.168.3.41	2.1.1.3694	Fanvil	119.123.69.99	26805	Registered	Inactive	2019-02-20 13:56:48
A	Alert Manage >		Online	i31S	4002	123	00d84a00 64fa	192.168.1.109	2.1.1.3694	Fanvil	119.123.69.99	14879	Timeout	Inactive	2019-02-20 13:57:02
٠	System Manage >		Online	i30			0c383e1e 610f	192.168.1.111	2.4.0.6363	Fanvil	119.123.69.99	13344	Inactive	Inactive	2019-02-20 13:56:48
<b>a</b>	Account Manage >		Online	i20S		125	00112231	192.168.3.43	2.4.0.6403	Fanvil	119.123.69.99	14257	Timeout	Inactive	2019-02-20

Figure 9-1-2

# 9.1.2 Alert Notify Setting

The FDMS system sends a message to the user when the device is abnormal (Offline, Reflect conflict, Control Fail, Register Exception). The user can choose to check or uncheck the corresponding abnormal item. When the corresponding abnormality occurs after the device is unchecked, Users will not receive emails for alert notifications, as shown in Figure 9-1-3

C				<b>A</b> (2)	Message 🗸 🛛 English 🗸 🚺
		MAC	IP	Version	Vendor
		Route IP	Route Port	✓ Primary Server Register	Second Server Register
	1 Contraction	<ul> <li>Alias</li> </ul>	Community	Suilding	✓ Room
	GB	<ul> <li>Last Active Time</li> </ul>			
	holly.yao	Sure			
•	Settings				
]•	Fault	Alert Notity Setting			
5		Offline	<ul> <li>Reflect Conflict</li> </ul>	Control Fail	<ul> <li>Register Exception</li> </ul>
•	Model Management				
2	Address Management	Sure			
h	Area Device	Card Relate Setting			



# 9.1.3 Card Relate Setting

Provide a batch import card Index and card ID relationship table, import the card relationship table in advance, only need to input the card ID when adding the administrator card and the user card, and the corresponding card Index will be generated automatically. After successful import, user



can view the imported data in the User Card-Card Index management, as shown in Figure 9-1-4 Note: The files imported in here only support .xls format files. Users need to export the template first, modify it and import it according to their own wishes. 30,000 data can be uploaded in two seconds.

F	anvi	All			♥ ● ▲ ● Message •	English -
	holly yao	Card Balta Sation	Reflect Conflict	Control Fail	✓ Registe	r Exception
A	Alert Manage >	Card Relate Sheet Template Export				
٠	System Manage 🛛 🗸	Upload File				(2) 🗅 Select
	Settings					
	Outreach Manage	Sure				
	Mount Manage	Overdue Data Clean				
	Log	All				
*	Account Manage >	Alert	Log		Egslog	
2	Message Manage 💙	Trace Log Date	Tr069 status		Task status	

Figure 9-1-4

# 9.1.4 Overdue Data Clean

Long-term operation of the system will generate a large amount of overdue data, users need to check the corresponding data column, select the corresponding date, click the "Delete All" button, the corresponding data selected before the date will be cleared from the system. Take the alarm information before 2018-10-08 as an example, as shown in Figure 9-1-5

ſ	anvil				0 40	Message -	English -	•
-		Sure						
		Card Relate Setting						
	bolly vao	Upload File						
	nonjyuo							D Select
A	Alert Manage >							
0	System Manage 🛛 🗸	Sure						
	Settings	Overdue Data Clean						
	Outreach Manage	All				T I		
	Mount Manage	<ul> <li>Alert</li> </ul>	~	Log	<ul> <li>Egslog</li> </ul>	0		
	Log	Trace Log	~	Tr069 status	✓ Task statu	s		
<b>a</b>	Account Manage 🔸	Date 2019-02-20					3	≽< Delete All
2	Message Manage 🗦							

Figure 9-1-5



# 9.2 Outreach Manage

The system supports contacting FDPS and supports system transfer.

### 9.2.1 System Transfer

System transfer provides two ways: online transfer and offline transfer.

Notify: Transfer from Server A to Server B, make sure that Server B has successfully installed the FDMS system.

1. Online Transfer

Select online transfer, enter the address of the target server, login user name and password, click "**Start Transfer**", there will be a corresponding progress bar showing the transfer progress, as shown in Figure 9-2-1

	公司名称 WELCOME	Username					20	40	Message -	English -	•
	bolivaa	Password		FDPS Group							
	nony.yao	-									
A	Alert Manage	System Tra	nsfer								
0	System Manage	Online Tra	nsfer	Offline Transfer							
	Settings	URL									
	Outreach Manage	Username									
Γ	Mount Manage	Pacoword									
	Log	assword									
*	Account Manage	Start Tr	ansfer	I							
	Mossogo Monago										

Figure 9-2-1

### 2. Offline Transfer

Offline transfer is divided into two steps:

• Download system data from the source server, as shown in Figure 9-2-2



		👥 💿 🔺 💽 Message - English - 🕞	
- 3. 		FDPS Settings	
	96	FDPS URL	
		Username	
	holly.yao		
A	Alert Manage	Password	
٠	System Manage 🛛 🗸		
	Settings	Sure FDPS Group	
	Outreach Manage	System Transfer	
	Mount Manage	Online Transfer Offline Transfer	
	Log	Download System Data	
*	Account Manage >		



• In the target system, administrator account, "Settings - System Upgrade", check "System Transfer", import the downloaded compressed package, click "Sure" to complete the transfer, as shown in Figure 9-2-3

Fanvil	Ressage - English - 🗭	
	Upload File	ĺ
Fanvil	Sure System Upgrade	
Settings	System Transfer	1
Outreach Manage	Upload File	l
Service Configure	C:tfakepath/TransferFrom-192.168.3.197-1548657696.zip	
Mount Manage	Sure	
Log	System Setting	
License Management	Debug Log	
Account Manage	Varn Varn	
👳 Message Manage 🕻	Sure	



# 9.3 Mount Manage

The system supports the mount call quality service (QoS), record server and phon book server. Note: The opening and closing of the three servers in the mount management only have the administrator account have the operation permission.



### 9.3.1 Call QoS Service

The function of the call quality service is to monitor and manage the communication voice performance quality of the IP phone, and report the voice performance parameters to the FDMS system for the user to view and analyze.

1. Device configuration (Line-SIP-Advanced Setting), as shown in Figure 9-3-1

VQ name: FDMS-QoS

VQ Http/Https server: http://ip/zh-CN/QoS/Index

Fanvil					En	glish 🔻 🗖	Logout ( admin ) Keep Online	
	SIP SIP Hotsp	ot Dial Plan	Action Plan	Basic Settings	RTCP-XR			
> System	Use Quote in Display Name: Sync Clock Time:	•	Enab	le GRUU: le Use Inactive Hold:	0			*
> Network	Caller ID Header:	PAI-RPID-F V	Use waiti Enat	182 Response for Call ng: le SCA:				
> Line	CallPark Number: TLS Version:	TLS 1.0 V 0	O     Serv     uaCS	er Expire: TA Number:				
> Phone settings	Enable Click To Talk: VQ Name:	FDMS-QoS	Enab VQ S	le Chgport: erver:				
> Phonebook	VQ Server Port: Flash Mode:	5060 Normal V	VQ F Flash	ttp/Https server: Info Content-Type:	http://172.18.1.4	1/zh-CN/Qo		
› Call logs	Flash Info Content-Body: JoinCall Number:		Pickl Inter	Ip Number: com Number:				
> Function Key	Unregister On Boot: Enable Register MAC Header:		Enab BLF	le MAC Header: Dialog Strict Match:				
> Application	PTime(ms):	Disabled <b>v</b>	Enab	le Deal 180:				
> Security	SIP Global Settings >>	Apply						
> Device Log								
		Curr	ent Software Version:	T1.9.0				

Figure 9-3-1

2.FDMS configuration,in administrator account, System Manage → Mount Manage → Call QoS Service,click"Start QoS", as shown in Figure 9-3-2

Fanvil			•20 ▲0	Message - English - 🗭
	Call QoS Service			
	Status	Operate Functions	Daily QoS	Total QoS
Fanvil	► Start QoS	Qos Statistics	None	None
🛕 Alert Manage 🔸	Decord Server			
🔅 System Manage 🗸				
Settings	Status	Operate Functions	Audio Amount	Audio Device Amount
Outreach Manage	Start Record Server	🏟 Configure 🎜 Audio List	0	0
Service Configure				
Mount Manage	Phonebook Server			
Log	Status	Operate Functions	Contact Group Amount	Contact Amount
License Management				

Figure 9-3-2

3. Using this line number to call/answer calls, the FDMS system records the call performance



#### quality, as shown in Figure 9-3-3

	Statistics							
Û	Delete							
Sea	rch							
×.	MAC	Model	Local ID	Remote ID	Start Time	End Time	Create Time	Call QoS Servic
	0c383e0e66b6	X6	sip:6002@172.18.1.37	sip:6001@172.18.1.37:5060	2019-02-13T11:20:34Z	2019-02-13T11:27:35Z	2019-02-13 11:29:40	Low
	0c383e0e66b6	X6	sip:6002@172.18.1.37	sip:6004@172.18.1.37:5060	2019-01-29T10:51:26Z	2019-01-29T10:55:08Z	2019-01-29 10:57:13	Lost Connection
	0c383e0e66b6	X6	sip:6002@172.18.1.37	sip:6001@172.18.1.37	2019-01-28T18:27:54Z	2019-01-28T18:32:29Z	2019-01-28 18:34:34	Lost Connection
	0c383e0e66b6	X6	sip:6002@172.18.1.37	sip:6004@172.18.1.37:5060	2019-01-28T17:00:15Z	2019-01-28T17:03:25Z	2019-01-28 17:05:31	Lost Connection

Figure 9-3-3

### 9.3.2 Record Server

During the call, the phone can enable the recording service to save the call recording, transfer the recorded rtp data to the FDMS system, and save the file format on the server.

1. FDMS configuration, in administrator account, System Manage → Mount Manage → Record Server, click "Start Record Server", as shown in Figure 9-3-4

F	anvil			<b>9</b> 0 <b>4</b> 0	Message - English - 🕞
		Call QoS Service			
		Status	Operate Functions	Daily QoS	Total QoS
	Fanvil	Stop QoS	Qos Statistics	None	None
▲	Alert Manage >	Decent Occurs			
٠	System Manage 🛛 🗸	Record Server			
	Settings	Status	Operate Functions	Audio Amount	Audio Device Amount
	Outreach Manage	Start Record Server	Configure Ja Audio List	0	0
	Service Configure				
	Mount Manage	Phonebook Server			
	Log	Status	Operate Functions	Contact Group Amount	Contact Amount
	License Management		and Anger San Sanat (2008) (1995) 42	anna sginar to nan-ense. • 48225623 (1933)	

Figure 9-3-4

2. Take the X6 as an example, and the device configuration(Application – Manage Recording), as shown in Figure 9-3-5

Server address and port can be found in the administrator account - Mount Management - Record Server - Configure, as shown in Figure 9-3-6



Fanvil					English 🔹	Logout ( admin ) Keep Online
	Manage Recording					
> System						NOTE
> Network	Record Setting Enable Record:	Ø				Description:
> Line	Record Type: Voice Codec:	Network T PCMU T				record config; recording file list
> Phone settings	Server Address:	172.18.1.41	Server Port:	10000		
> Phonebook	Recording List	Арріу				
> Call logs	Inde	ex	File Name		File Size	
> Function Key					Delete	
> Application						2
> Security						
> Device Log						
		Current So Fanvil Technology Co	ftware Version: T1.9.0 Ltd. (C)2014 All Rights Reserve	d.		
		Figure	e 9-3-5			

	Recor	d Server Config	× 0.40	Message - English - 🕩
Fanvil	Server 1 Stop Oos Record Server Authoric Server	p 3.1.41 Vort ation Name		None
	Status	ation Pin	unt	Audio Device Amount
	Stop Record Sc		Cancel Sure	1
	Phonebook Server			
	Status	Operate Functions	Contact Group Amount	Contact Amount
🔒 Account Manage 🗲	Stop Phonebook Server	Configure  Contact List	1	1
👳 Message Manage 👂				

# Figure 9-3-6

3. After the device is configured, the device enables recording during the call. The generated recording file is automatically uploaded to the FDMS system. Users can view related information and download the recording file to the local device, as shown in Figure 9-3-7



Fanvil		weige       Message       English -       Image: Audio List         ce							
Image: Control Manage   Settings   Outreach Manage   Setvice Configure   Mount Manage   Log   Log   Log   Log   Log   Account Manage   Account Manage									
	Audio List								×
Settings	Search								
Outreach Manage	Local Name	Local Number	Remote Name	Remote Number	Owner	Size (M)	Call Type	Create Time	Download
	6002	6002	mengmeng song	6001	0c383e0e66b6	6.332	Call In	2/13/2019 11:27:40 AM	•
Service Configure								First Previous	1 Next Last
Mount Manage									
Log									
License Management									
🔒 Account Manage 🗲									
👳 Message Manage 🔸									

Figure 9-3-7

## 9.3.3 Phonebook Server

The phonebook server is mainly used to send a phonebook function to a Fanvil VoIP device. After adding a phonebook contact in the FDMS, the device configuration URL can directly access the phonebook contact information in the server.

1.FDMS configuration, in administrator account, System Manage → Mount Manage → Phonebook Server, click "Start Phonebook Server", as shown in Figure 9-3-8

Fanvil			<b>20 A</b> 0	Message - English - 🕩
	Stop QoS	D Qos Statistics	None	None
Fanvil	Record Server			
Settings	Status	Operate Functions	Audio Amount	Audio Device Amount
Outreach Manage	Stop Record Server	Configure 🗗 Audio List	1	1
Service Configure				
Mount Manage	Phonebook Server			
Log	Status	Operate Functions	Contact Group Amount	Contact Amount
License Management				
🍰 Account Manage 🔸	Start Phonebook Server	Configure 🔮 Contact List	1	1

#### Figure 9-3-8

2. Take the X6 as an example, user can access the phone contact list in the server by configuring the cloud phonebook URL on the phone (phonebook-cloud phonebook (XML)), as shown in Figure 9-3-9



Fanvil	English V Education (admin )	
	Contacts Cloud phonebook Call List Web Dial Advanced	
> System	NOTE	
> Network	Cloud phonebook           XML         I         XML2         XML4         BACK         Description: Cloud phone book	
> Line	settings, English documents- http://www.fanvii.com http://www.fanvii.com /mage/user	
> Phone settings	Index Name Phone Ph	
> Phonebook	Manage Cloud Phonebooks	
> Call logs	Index Cloud phonebook name Cloud phonebook URL Calling Search Line Line Line	
> Function Key	1         1         http://172.18.1.41:10001/         AUTO         V         AUTO         V           2         AUTO         AUTO         V         AUTO         V         AUTO         V	
> Application	3 AUTO V AUTO V AUTO V	
> Security	LDAP Settings	
> Device Log	LDAP LDAP 1 V	
	Current Software Version: 71.9.0	1

Figure 9-3-9

Cloud phonebook URL can be found in the administrator account - Mount Management - Phonebook Server - Configure, as shown in Figure 9-3-10

Phonebook Server Lontid	
Stop QoS Stop QoS	ne
Record Server Authorization Name	
Settings Status Audio Device Audio Audio Device Audio Audio Device Audio Audio Device Audio Audi	e Amount
Outreach Manage Stop Record Se	
Service Configure Cancel Sure	
Mount Manage Phonebook Server	
Log         Status         Operate Functions         Contact Group Amount         Contact A	Amount
License Management	
Account Manage > ■ Stop Phonebook Server Configure Contact List 1	

Figure 9-3-10

3. In the FDMS,Mount Manager→Phonebook Server→ Operation Functions, click "Contact List", you can add the contact information and directory in the phonebook, as shown in Figure 9-3-11



ſ	-anvil						₹0 40	Message 🗸	English 🗸	•
	Farvil	Mount Man Contact 5b33640	age / Contact List List 787b73b041c4fffc3	<sup>ab</sup> directory						*
Г	Settings	+ Ad	d							
	Outreach Manage	+ Add	@ Delete							
	Service Configure	Search					contact lis	t		
	Mount Manage		<ul> <li>Name</li> </ul>	Telephone	Mobile	Others	Ring	Group	Edit	
	Log		测试	344334244	2332	33	3	3	ß	
	License Management							First I	Previous 1 Ne	xt Last
*	Account Manage >									
2	Message Manage 💙									

Figure 9-3-11

# 9.4 Log

Log records user operations on the system, users can delete, clear, search and remark the log. As shown in Figure 9-4-1

1			2	0 40	Message 🗸	English -	۲
-		Log					
	GB	Search					
	holly.yao	Create Time Operator	Action				Remark
Å	Alert Manage >	2019-02-20 14:09:20 holly.yao	Sign In				Empty
		2019-02-20 14:09:18 holly.yao	User (holly.yao) login timeout				Empty
•	System Manage 🛛 👻	2019-02-20 14:03:20 holly.yao	Sign Out				Empty
	Settings	2019-02-20 14:03:01 holly.yao	Force Sign Out				Empty
-	Contraction of the second	2019-02-20 14:03:01 holly.yao	Sign In				Empty
	Outreach Manage	2019-02-20 13:58:24 holly.yao	User (holly.yao) login timeout				Empty
	Mount Manage	2019-02-20 13:51:56 holly.yao	Force Sign Out				Empty
		2019-02-20 13:51:56 holly.yao	Sign In				Empty
	Log	2019-02-20 13:50:13 holly.yao	Sign In				Empty
*	Account Manage >	2019-02-20 13:44:38 holly.yao	User (holly.yao) login timeout				Empty
		2019-02-20 13:36:51 holly.yao	Sign In				Empty
2	Message Manage >	2019-02-20 13:31:20 holly.yao	Sign Out				Empty

Figure 9-4-1

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# 10. Account Manage

# **10.1 Account Management**

- 1. Basic Information: Set user's basic information
- 2. UI Custom: Users can customize the upload icon
- 3. Modify Password: Modify the password

## **10.1.1 Basic Information**

The module can upload avatars and set user's basic information, as shown in Figure 10-1-1

			20	40	Message -	English -	•
		Basic Information					
	holly.yao	Photo Select New					
	Industry Manage 🔹	Usemame  A holly.yao					
A	Alert Manage >	Phone					
۰	System Manage 🔹 💙	• 18878965643 Email					
&	Account Manage 🗸 🗸	please enter email					
	Account Management	Address					
Г	Sub Account List						
F	Role Management	Sure					
2	Message Manage 💙	UI Custom					

Figure 10-1-1

Note: Uploaded file cannot exceed 100KB

# 10.1.2 UI Custom

User can customize the UI, as shown in Figure 10-1-2 Note: Uploaded file cannot exceed 100KB



Sapyi	🗨 🧿 🔺 🗿 Message 🗸 English 🗕 🕞
	Address
	please enter address      Sure
holly.yao	UI Custom
📕 Industry Manage	> Logo
Alert Manage	Select New
System Manage	来这样任何文件。 第13章
🔒 Account Manage	
Account Manageme	Password Change
Sub Account List	Please enter your old password
Role Management	New Password
	please enter a new password
🙊 Message Manage	Password Confirm

Figure 10-1-2

# **10.1.3 Modify Password**

Modify the password already set by the user, as shown in Figure 10-1-3 Note: the old password and the new password cannot be the same

			Message -	English +	C+
		ULCUSTOM			
		Logo			
	noily.yao				
A	Home				
-	Device	Password Change			
	Device	Old Password			
-	Administrator Card	please enter your old password			
_	User Card New F	New Password			
		c please enter a new password			
	Provision	Password Confirm			
Ŷ	Address Management	please enter password again			
	•				
•	Area Device	Sure			
	User Management				

Figure 4-13-3

# 10.1.4 View Custom

The user can check the corresponding view, the checked view will be displayed in the menu, and the unchecked will be automatically hidden, as shown in Figure 10-1-4



			20	🜲 Message - English - 🗭
	Password Confirm			
	Please enter password again			
	Sure			
holly.yao	View Custom			
📕 Industry Manage 🔉	AI			
🛕 Alert Manage 🔹 🗲	✓ Home	V Device	✓ Provision	Settings
A System Manage	✓ Fault	<ul> <li>Model Management</li> </ul>	<ul> <li>Rule Management</li> </ul>	Address Management
Cystom manage	Area Device	Groups	✓ Alert	Administrator Card
🍰 Account Manage 👻	Vser Card	User Management	V Egs Log	✓ Log
Account Management	Sub Account List	Role Management	<ul> <li>Notification</li> </ul>	Feedback
Sub Account List	License Management	Outreach Manage	Mount Manage	
Role Management	Sure			
契 Message Manage 🗲	L			

Figure 10-1-4

# **10.2 Sub Account List**

The main functions of the sub-account list module include: add sub-accounts, delete sub-accounts, reset sub-account passwords, and search for sub-accounts

# 10.2.1 Add Account

On the sub-account management page, click "Add Account" to enter the Add Account page, as shown in Figure 10-2-1

Note:

- 1. Role name defaults to agent role
- 2. If users need other roles, they need to add them in the role management module in advance.

Fanvil		•
	Sub Account List / Add Account	
holly.yao	Add Account Role Name* Select Role	*
🛄 Industry Manage 🗲	Agent Tester	
🛕 Alert Manage 🔉		4
🔅 System Manage 🔸	Password Confirm*	
🔒 Account Manage 🗸		_
Account Management	Phone	
Sub Account List	Email*	
Role Management	Address	_
👳 Message Manage ゝ		11

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Figure 10-2-1

### 10.2.2 Delete

Select a sub account / multiple sub accounts Click the "Delete" button, the corresponding sub account will be deleted in the list.

### 10.2.3 Reset Password

Select the sub-account and click "**Reset password**", fill in the new password, click "**Sure**" button, the password reset is successful.

### 10.2.4 Search

Enter the corresponding information in the search box to quickly search for the corresponding sub-account information.

# **10.3 Role Management**

The main functions of the role management module are: adding roles, deleting roles, editing roles, and searching for roles.

### 10.3.1 Add Role

On the role management page, click the "Add Role" button to enter the Add Roles page, customize the role name, and assign different permissions to the role, as shown in Figure 10-3-1

	Add Role / Add Role			
2	Add Role			
10	Role Name*			
olly.yao				
stry Manage 🔹 🗲	Feature List			
rt Manage 🔹 🗲	Device Basic Operate	Device Config Operate	Device Test	Provision Template Oper
lem Manage	Private Provision Operate	Table Display Setting	Alert Notify Setting	Card Relate Operate
	Overdue Data Clean	File Management	Fault	Rule Management
ount Manage 🗸 🗸	Address Operate	Groups	Alert	Admin Card Operate
ount Management	User Card Operate	User Operate	Egs Log Operate	Log Operate
b Account List	Account Operate	Role Management	Notification	Feedback
e Management				

Figure 10-3-1

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## 10.3.2 Delete

Select a role name/multiple role names Click the "**Delete**" button, the corresponding role will be deleted in the list.

# 10.3.3 Edit

Select any role name, click the "Edit" button, users can change the permissions of the corresponding role.

### 10.3.4 Search

Enter the corresponding information in the search box to quickly search for the corresponding role information.

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# 11.Message Manage

### 11.1 Feedback

The main function of the feedback module is that the user can feedback on the page for any problems encountered in the system. After the feedback, the administrator will see the feedback problem and reply problem after logging in the system.

#### 11.1.1 Add Feedback

Users can enter add feedback page by click "**Add**" button, and enter the title and content, then an feedback will be generated once users click "**Sure**" button. As shown in Figure11-1-1

F	anvi												•	¥0 <b>*</b> 0	0	Message 👻	English -	•	
			F	Feedba	ack / Add	Feedbac	¢												
			ŀ	Add F	eedbac	k													×
	holly.yao			Title	e														
	Config Monogo			Cor	ntent														
0;	Config Manage	1		в		! ≣	i≡ 0												
	Industry Manage	>																	
A	Alert Manage	>																	
٥	System Manage	>																	
\$	Account Manage	>																	
2	Message Manage	*	1																
	Feedback								C	Cancel		Sure							
	Notification		-	_				 	 		_								_

Figure 11-1-1

#### 11.1.2 Reply Feedback

All questions submitted by the user will be reported back to the administrator. After logging in to the system, the administrator will see unread information. After clicking, the problem information will be viewed and the reply will be answered in time. As shown in Figure 11-1-2



1						<b>20 40</b>	Message 🗸	English -	
-		Feedb	back						
		+ Add	d 🗇 Delete						
	GE	Search							
	holly.yao		Title	Author	Create Time		Edit	Reply	
¢	Config Manage	>	vv	holly.yao	2019-02-15 16:02:24		3	•	
	Industry Manage	>					First	Previous 1	Next Last
A	Alert Manage	<b>&gt;</b>							
٠	System Manage	>							
*	Account Manage	>							
2	Message Manage	~							
	Feedback								
	Notification								

Figure 11-1-2

#### 11.1.3 Edit

Users can edit the created feedback by click the "Edit" button, also you can only edit the feeback which was created by you.

#### 11.1.4 Delete

Users can choose one or more feedbacks and click "**Delete**" button to remove them. The related replies will be removed too.

#### 11.1.5 Search

Users can search specified feedbacks by typing in related title, createtime or author in the search column.

## **11.2 Notification**

The main function of the notification module is that the administrator and the first-level account can be added to the relevant sub-accounts by adding notification. The sub-accounts can see the announcements issued within the specified time. As shown in Figure 11-2-1, 22-2-2

Add: Level 3, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1 Road, 35th District, Bao'An, Shenzhen, 518101 P.R. Tel: +86-755-2640-2199 Fax:+86-755-2640-2618 Email:sales@fanvil.com www.fanvil.com



Canvil					<b>20 1</b> 0	Message -	English -	•	
	Notification								
	+ Add   Delete								
	Casrah								
Fanvil	Search	Oheed Trans	Feel Terror	0	- Provinci	Out of a Target		E-04	
+9 Config Manago	upgrade High	2019-02-20 14:30	2019-02-20 14:35	Status Al Playing ho	udience olly.yao	2019-02-20 14:29:	49	Edit	
						First	Previous 1	Next Last	
📕 Industry Manage 🤇									
Alert Manage									
🔅 System Manage 🕽									
🍰 Account Manage 🔉									
🗙 Message Manage 🗸									
Feedback									
Notification									
		Figu	re 11-2-1						
		📢 upgrade	upgrade			Message -	English -	•	
	1.7								
	System Information								
	Enable N	lotify	Device Amo	unt		Model Ar	nount		
CAB.			-						
holly.yao	Sector 1		53			56			
🕋 Home	J								
Device Manage     Section	FDMS Information + Fast Con	fig							
😋 Config Manage	Charles		CDMC Conver Add		EDMS Sequer Port				
	Statu	2	FUMS Server Add	1000	FDMS Server Port				
	Stop F	DMS	192.144.13	6.170	5062				
Alert Manage									
System Manage	Control					Duran ter	0	Times	
🔒 Account Manage						Processing	Success Faile	u mileout	
			2040 2 20						

Figure 11-2-2

Note: After the high priority notification reaches the preset time, it will send an email to the corresponding sub account.

Add: Level 3, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1 Road, 35th District, Bao'An, Shenzhen, 518101 P.R. Tel: +86-755-2640-2199 Fax:+86-755-2640-2618 Email:sales@fanvil.com www.fanvil.com