

Adding a Yealink Handset to IC-talk HC

You MUST have a licence which includes 3rd Party Endpoint support and Endpoint Manager on the system

First add an extension as per normal procedures see Extensions - SIP (<https://kb.ic.uk/article.php?id=110>)

Add the brand to your system (if not already setup) as below;

The screenshot shows the IC-talk HC web interface. The top navigation bar includes 'Modules', 'Basic Mode', 'Dashboard', and 'UCP'. The 'Modules' menu is expanded, showing various categories like Admin, Settings, Reports, and Applications. The 'Endpoint Manager' link is highlighted in the 'Settings' section.

Below the navigation bar, the 'Endpoint Manager' page is displayed. It contains an 'About Endpoint Manager' section and a sidebar menu. The sidebar menu is expanded, showing 'EndPoint' and 'Brands' sections. The 'Add Brand' link is highlighted in the 'Brands' section.


The 'Add a New Brand' page is shown, with a list of brands to select from. The 'Yealink' brand is highlighted in the list.

Endpoint Manager

About Endpoint Manager

This module is used to automatically provision & configure Desk Phones, Wireless Phones, Door Phones, Overhead Paging Devices, Gateways, and Specialty devices from supported manufacturers.

For information and instructions on using Endpoint Manager, please see the Endpoint Manager Wiki .

To get started please choose an option in the  Menu on the right.

EndPoint

- Global Settings
- Extension Mapping

Brands

- Aastra
- Cisco
- Cyberdata
- Panasonic
- Polycom
- Sangoma

Advanced

- Add Brand

Add a New Brand

Select a new Brand

- Algo
- And
- Audiocodes
- Cortelco
- Digium
- Grandstream
- Htek
- Incom
- Konftel
- Mitel
- Mocet
- Obihai
- Phoenix
- Snom
- Uniden
- Vtech
- Xorcom
- Yealink**

Please then configure the base template for the new brand (suggested settings are below);

Endpoint Manager

New Yealink Template

On this page you can create templates for yealink Phones

Remove

Export

Duplicate

Template Name

Default Yealink

Default Internal Template

Yes

No

Default External Template

Yes

No

Destination Address

ic-pbx01.ic-talk.co.uk

Internal

External

Custom

Provision Server Protocol

HTTP

Provision Server Address

ic-pbx01.ic-talk.co.uk

Internal

External

Custom

PhoneApps Protocol

HTTP

HTTPS

Time Zone

GMT

Primary Time Server

0.ukpool.ntp.org

Time Server 2

Time Server 2

Daylight Savings

Enable

Disable

Background Image

None

Line Label

Name

Extension

Name-Extension

Extension-Name

Multicast Enable

Enable

Disable

Multicast Address

Multicast Address

Dial Patterns

Firmware Version

None

Firmware Management

Config Style

Current Style

Legacy Style

Save

Apply

Click on Save and Apply

Available Phones

CP860	SIP-T18P	SIP-T19P	SIP-T19PE2	SIP-T20P	SIP-T21E2	SIP-T21P	SIP-T21PE2	SIP-T22P
SIP-T23G	SIP-T23P	SIP-T26P	SIP-T27G	SIP-T27P	SIP-T28P	SIP-T29G	SIP-T32G	SIP-T38G
SIP-T40P	SIP-T41P	SIP-T41S	SIP-T42G	SIP-T42S	SIP-T46G	SIP-T46S	SIP-T48G	SIP-T48S
SIP-T49G	VP-2009	VP530	W52P	W56P				

Expansion Modules

EXP38-1	EXP38-2	EXP38-3	EXP38-4	EXP38-5	EXP38-6	EXP39-1	EXP39-2	EXP39-3	EXP39-4
EXP39-5	EXP39-6	EXP40-1	EXP40-2	EXP40-3	EXP40-4	EXP40-5	EXP40-6		

You should select the models you want to have active and then configure any base buttons and press save. Once complete press to save again and apply.
Next you should select the Firmware Management button;

Firmware Version

None

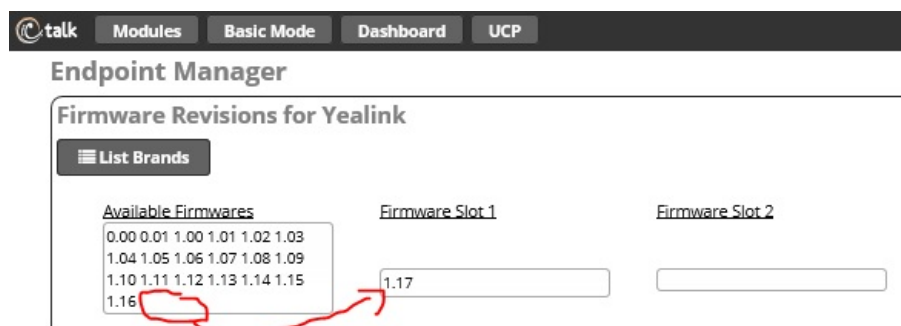
Firmware Management

Config Style

Current Style

Legacy Style

Drag the required firmware package over and press submit, the software will start to download.



Once complete go back into the



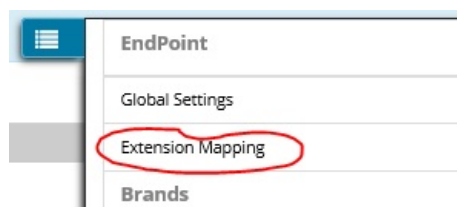
menu and select the now included Yealink brand. Then select the default template scroll to the Firmware section and this time drop down and select the slot you now desire and have installed the firmware into.



Save, Rebuild and Apply

Add a handset using a pre-existing template and brand setup or after completing above for the first time

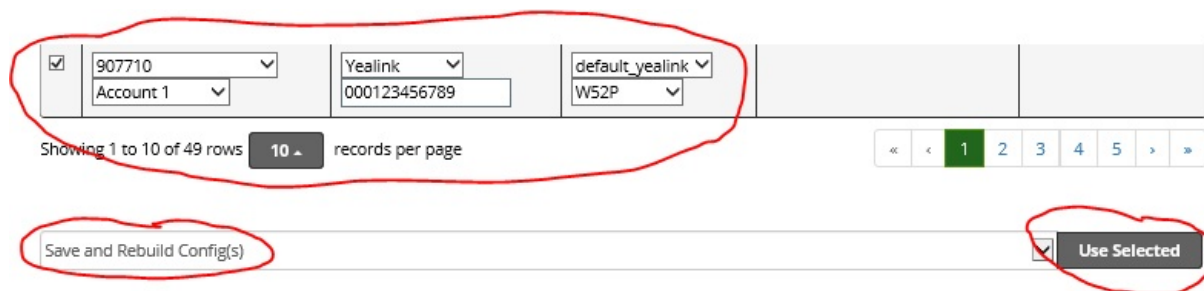
In module Endpoint Manager select the Menu and then Extension Mapping:



Then select

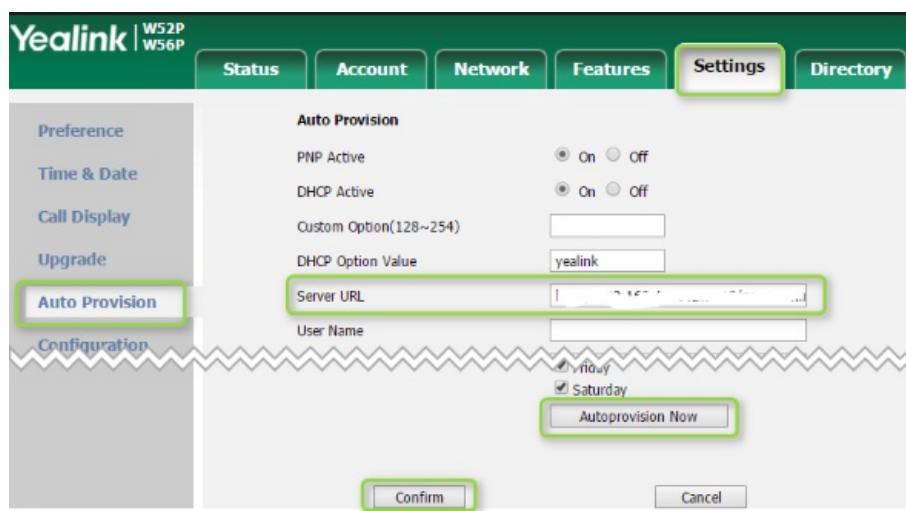


Now add your handset linked to the required extension and select the template and model accordingly;



Then save, rebuild and use selected.

The system is now ready to accept your new device now log onto the web interface of the device following the vendors instructions and then go to the menus as below;



Then enter your Server URL which will be in the format;

```
http://UUUUUUUUUU:PPPPPPPPPPPPPPPP@pbxDDDDDDDD.ic-talk.co.uk:84  
(http://UUUUUUUUUU:PPPPPPPPPPPPPPPP@pbxDDDDDDDD.ic-talk.co.uk:84)
```

Replace UUUUUU with your provisioning sever Username, PPPPPPPPPPPPPPP with the password for the server and DDDDDDDD with your deployment ID. Confirm and Autoprovision the handset, it should come back and then download any firmware required and it's associated configuration and will now lock down to the server. The handset will take some time to come back and may sit displaying a random message like DNS checking... do not panic and do not turn off the handset. We have had them go away for anything up to 15 minutes before just firing back into life and logging in.

For more details on how to configure options please see the Module Endpoint Manager Userguide.

Posted by: Mark Simcoe - Wed, Nov 15, 2017 at 4:03 PM. This article has been viewed 2713 times.

Online URL: <https://kb.ic.uk/article/adding-a-yealink-handset-179.html> (<https://kb.ic.uk/article/adding-a-yealink-handset-179.html>)