How to config DWG with Asterisk

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1. Config Asterisk

Dailplan: the calls from DWG will be sent to extension 101. Internal extensions can add "9" as the prefix to call out.

1.1 sip.conf

```
[general]
context=default
allowoverlap=no
bindport=5060
bindaddr=0.0.0.0
srvlookup=yes

[101]
type=friend
secret=101
host=dynamic
context=from-internal
username=101

[dwg]
type=friend
secret=dwg
host=dynamic
context=from-PSTN
username=dwg
```

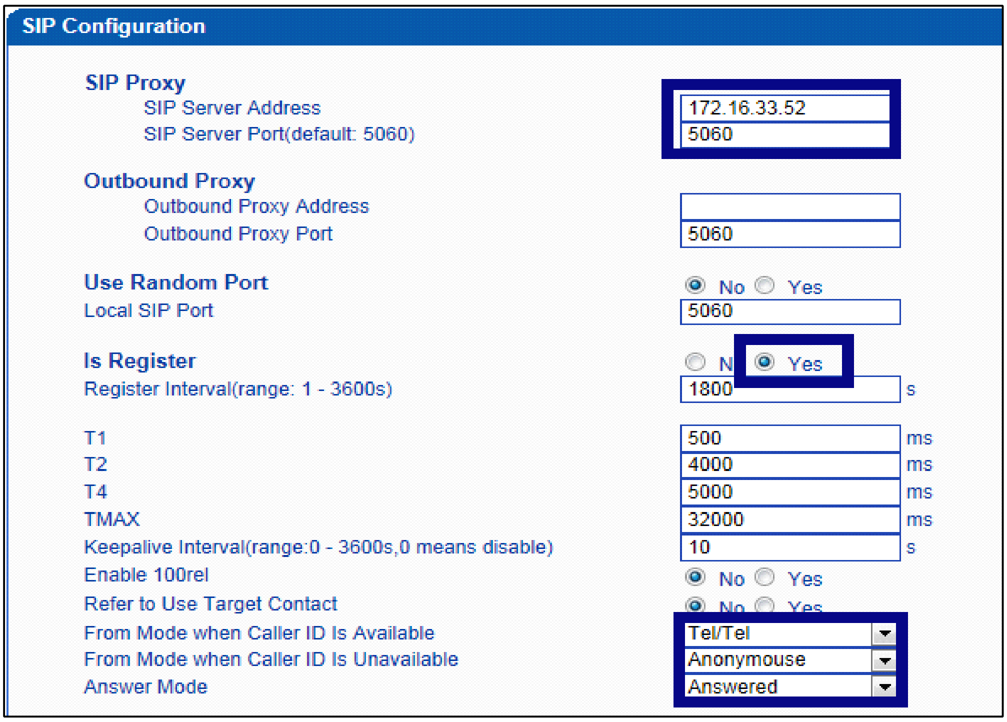
1.2 extensions.conf

```
[default]

[from-internal]
exten => 101,1,Dial(sip/101,10)
exten => _9.,1,Dial(sip/dwg/${EXTEN:1},30)

[from-PSTN]
exten => s ,1,Goto(from-internal,101,1)
```

2. Config DWG

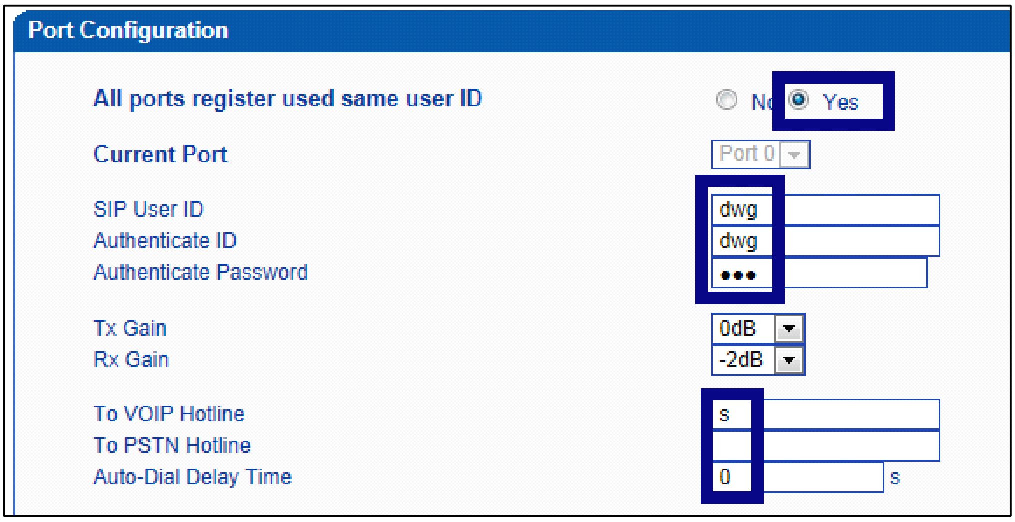
2.1 System Configuration->SIP Configuration

"SIP server Address" fill the IP of Asterisk.
"Is Register" select **Yes**
"From Mode when Caller ID Is Available" Select **Tel/Tel**



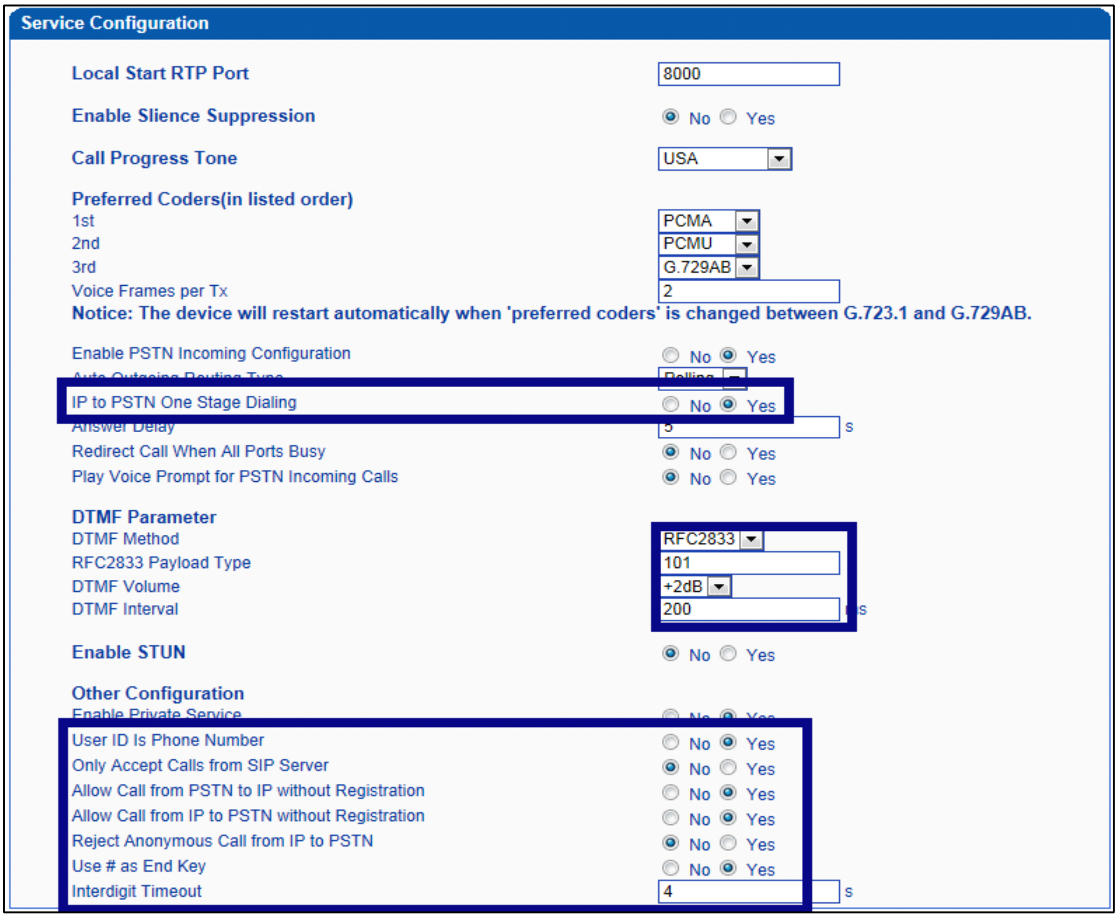
2.2 System Configuration->Port Configuration

Fill the SIP Account, "To VOIP Hotline" Fill "**s**" , DWG will send "s" to Asterisk , Which will match the dailpaln " exten => s ,1,Goto(from-internal,101,1) ".



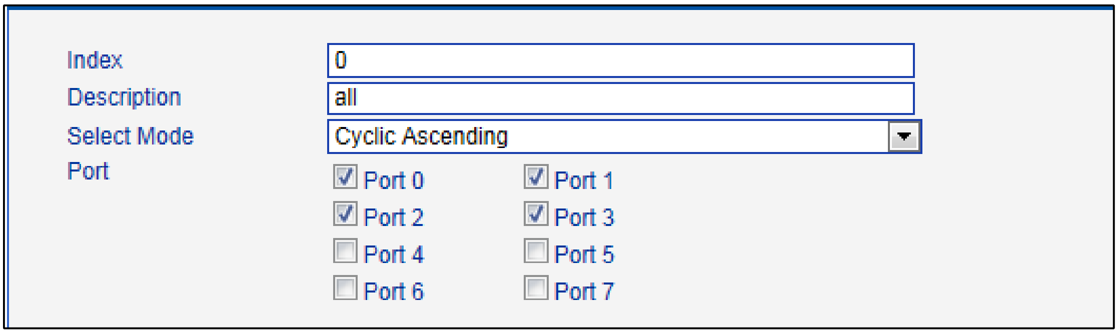
2.3 System Configuration->Service Configuration

"IP to PSTN One Stage Dialing" select to **yes**   "DTMF Method "select to **RFC2833**
"User ID Is Phone Number" select to **Yes** "Only Accept Calls from SIP Server" select to **No**
"Allow Call from PSTN to IP without Registration" select to **Yes**
"Allow Call from IP to PSTN without Registration" select to **Yes**
"Reject Anonymous Call from IP to PSTN" select to **No**



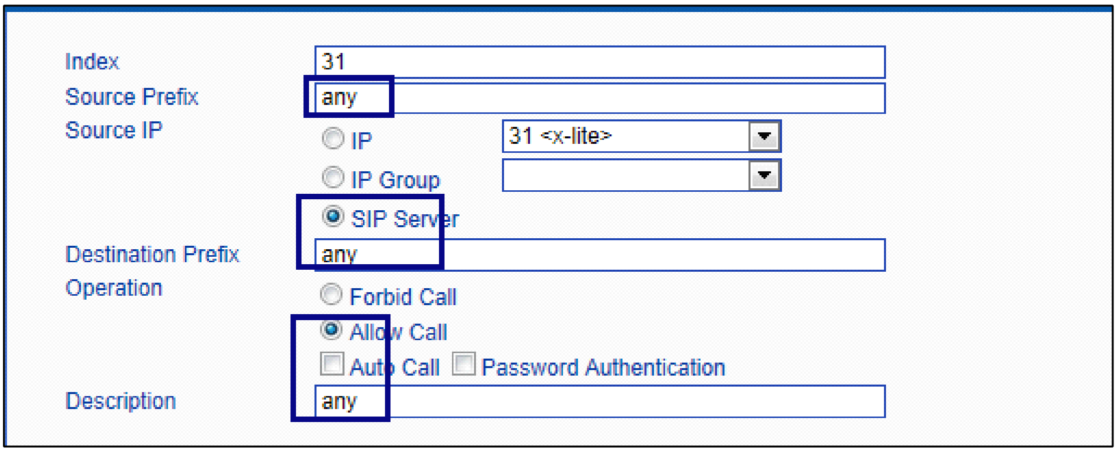
2.4 Port Group Configuration--->Port Group

Click "add" to add a port group, Select the port including in this group.

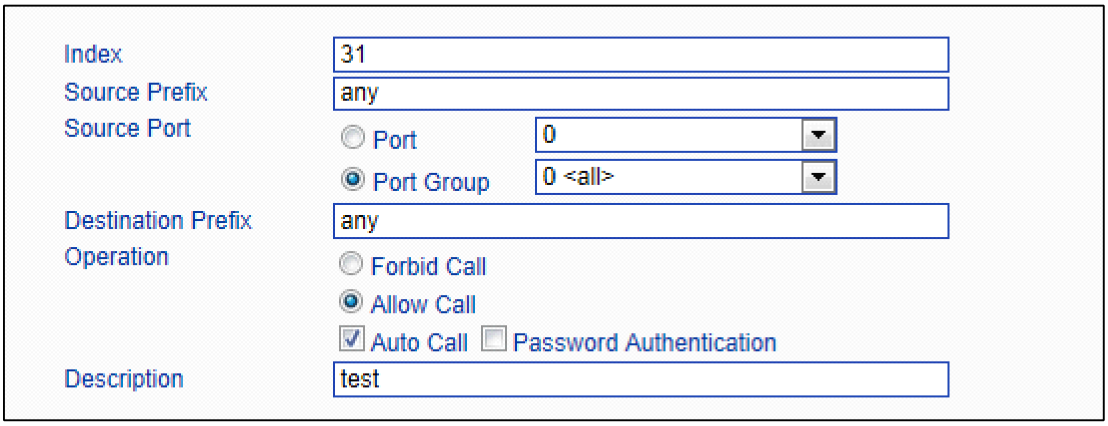


2.5 Operation

Go to the menu "Operation" ---> "IP->Tel Operation", Click "add" .
"any" will match all numbers.

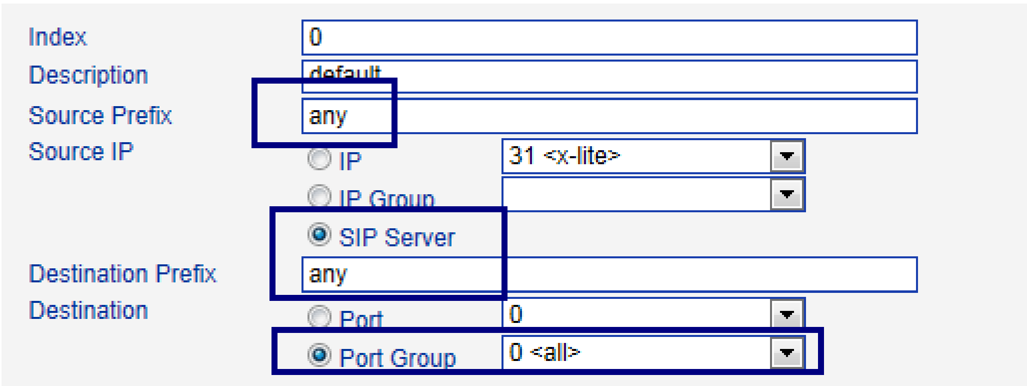


Go to the menu "Operation" ---> "Tel-> IP Operation", Click "add" .
"any" will match all numbers.
"Auto Call" selected. When call make from GSM network to DWG , DWG will send auto send call to Asterisk .



2.6 Routing Configuration

Go to the menu "Routing Configuration" ---> "IP->Tel Routing", Click "add" .



Go to the menu "Routing Configuration" ---> "Tel->IP Routing", Click "add" .