

Inbound/Outbound Caller ID settings in 3CX with Calncall

Inbound Caller ID setting

Step 1 :

- Go to Inbound Parameter
- Change caller Numbers to "From: Display Name"
- "Called Number" change to "From: User part"
- "Caller Name" Change to "From: Display Name"

Assign SIP header fields to 3CX call variables
Configure which SIP message fields should contain what information. Requires SIP knowledge - misconfiguration will cause your PBX to malfunction.

Variable	SIP Field
"CallerNum" caller's number (default: From->user)	From : Display Name
"LineNumber" external number of line	Leave default value
"LineID" internal number of line	Leave default value
"OutboundLineId" Outbound Line Caller ID taken from Outbound caller ID setting in management console	Leave default value
"OutboundCallerId" Outbound caller Id taken from Extension settings in management console	Leave default value
"CallerDispName" Display name of a caller as it is in From Header - Provided by phone settings	Leave default value
"CalledName" name that has been dialed (default: To->display name)	To : Display Name
"CalledNum" number that has been dialed (default: To->user)	From : User Part
"CallerName" caller's name (default: From->display name)	From : Display Name
"OriginatorCallerID" Original Caller number will be sent	Leave default value
"DevHostPort" source address/port of message	Request Line URI : Host Part
"ContactUri" usually, content of Contact field	Leave default value

Step 2: Go to Inbound Rules → Add DID

- Enter Inbound Rule Name
- Change Inbound Rule type "DID/DDI number/mask"
- Enter the full DID number in DID mask
- Select the Calncall truk
- Select the destination.

Configure inbound routing of calls based on DID/DDI or Caller ID

Inbound rule name
Enter a DID or string to look for in the SIP "to" field. Use wildcards (*) to match any digit for that entry. For example, entries 22444032 OR 2244403* will both match calls with a dialed number of +35722444032 in the "to" field.

Inbound rule name: 67087421 a

Number/Mask
Select from the drop-down below the type of inbound rule you want to create and enter a mask for this DID. You can use the * as a wildcard either before or after your mask.

Inbound Rule type: b DID/DDI number/mask

DID/DDI number/mask: 67087421 c

Apply this rule to these ports
Select the Gateway you want this DID/DDI rule to be applied to. You can select on the whole gateway which will apply the rule to all the ports, or you can select individual ports.

Available ports: c PSTN, d Calccal

Office Hours
Configure where calls to this DID/DDI should be routed during office hours.

End Call: e

Connect to Extension: 801 Luanne

Connect to Queue / Ring Group: 821 INET

Connect to Digital Receptionist: 800 Announcement 1

Voicemail box for Extension: 801 Luanne

Forward to Outside Number: -

Outbound Caller ID Setting

Step 2 : Go to Outbound Parameter

1. Change "From : Display Name" as shown screen shot
2. Change "From :User Part" as shown screen shot
3. Change "Contact: User Part" as shown in the screen shot

Outbound Parameters

Assign SIP header fields to 3CX Call Variables. Requires advanced SIP knowledge. Misconfiguration will cause your PBX to malfunction

SIP Field	Variable	Custom Value	Custom Value
Request Line URI : User Part	"CalledNum" number that has been dialed (default: To->user)		
Request Line URI : Host Part	"GWHostPort" gateway/provider host/port		
Contact : User Part	"OutboundCallerId" Outbound caller Id taken from Extension settings in manag		
Contact : Host Part	"ContactUri" usually, content of Contact field		
To : Display Name	"CalledName" name that has been dialed (default: To->display name)		
To : User Part	"CalledNum" number that has been dialed (default: To->user)		
To : Host Part	"GWHostPort" gateway/provider host/port		
From : Display Name	Custom Field		
From : User Part	"OutboundCallerId" Outbound caller Id taken from Extension settings in manag		
From : Host Part	"GWHostPort" gateway/provider host/port		
User Agent : Text String	Leave default value		