

OneStream DISA Example

A OneStream GFX is connected to Analogue (PSTN) lines (or to Extension ports on an Analogue PBX) via 2 of the FXO ports. It is required that when people ring to either of the GSM numbers for the SIMs that the caller receive a secondary dialtone and be able to dial any number via one of the FXO ports.

The following 3 groups are setup:

<u>Group</u>	<u>Type</u>
DISA	DISA
FXO	Analogue FXO (PTT)
GSM	GSM

Edit Group "DISA"

Interface Type

Name

Options

Password

Edit Group "FXO"

Interface Type

Name

Select Interfaces

Changing Interfaces Will Disconnect Any Active Calls!

Analogue FXO (PTT) 1

Analogue FXO (PTT) 2

Analogue FXO (PTT) 3

Analogue FXO (PTT) 4

Analogue FXO (PTT) 5

Analogue FXO (PTT) 6

Calling Options

Hunting

Hangup on Busy Detect On Off

Connect Options

No Connect Supervision

Loop Current Reversal On Connect

Edit Group "GSM"

Interface Type

Name

Select Interfaces

Changing Interfaces Will Disconnect Any Active Calls!

GSM Module 1

GSM Module 2

Calling Options

CLI On Off

Confidence Tone On Off

Roaming On Off

Hunting

2 routes are required as shown here:

Route	From Group	Dialled No.	Orig. No.	To Group	Mod No.	ACT	Fail Group
GSM to DISA	GSM	s	-	DISA	-	<input type="checkbox"/>	-
DISA to FXO	DISA	?	-	FXO	-	<input type="checkbox"/>	-

1. A caller dials to the GSM number for either module 1 or module 2.
2. The OneStream answers the call and the caller receives a dialtone.
3. The caller must enter the password followed by #. In this example this would be 1234#.
4. If the password is entered correctly then the caller receives a secondary dialtone.
5. The caller then dials the number they wish to call. This number may be a landline number that will be dialled via an analogue PSTN line or a PBX extension that will be dialled via a PBX extension port.
6. The OneStream dials the number entered via the FXO port and the call is connected.

It is also possible to leave the password blank and instead restrict the DISA service to a number of specified mobile phones. This is achieved by adding the list of allowed callers numbers to the "Originating Number" field of the GSM to DISA route. For example, to only allow calls from 07900123456 and 07900654321 the routes would then be:

Route	From Group	Dialled No.	Orig. No.	To Group	Mod No.	ACT	Fail Group
GSM to DISA	GSM	s	07900123456 07900654321	DISA	-	<input type="checkbox"/>	-
DISA to FXO	DISA	?	-	FXO	-	<input type="checkbox"/>	-

Now when a call arrives from either 07900123456 or 07900654321 the caller hears a secondary dialtone and may dial any number via the FXO ports. If a call arrives from any other number it is rejected.