

**Overview**

2 OneStream G units will be used to handle mobile calls from an IP PBX.

The IP PBX will have a SIP Trunk setup which registers to OneStream A. The routing on the PBX will be configured to route all mobile calls to this SIP trunk.

OneStream A will be setup to register to OneStream B and will be set to route calls to OneStream B when both GSM modules are in use. Therefore it will be possible for the IP PBX to make 4 simultaneous GSM calls.

Note: Further redundancy could be provided by creating 2 SIP Trunks on the PBX and registering to both OneStream A and OneStream B with failover between the 2 Trunks, if this option is available on the PBX.

# OneStream A Groups

## Groups

Add Group

<u>Group</u>	<u>Type</u>	<u>Edit</u>	<u>Delete</u>
GSM	GSM		
OS B	SIP Network		
IP PBX	SIP Extension		

### Edit Group "GSM"

Interface Type

Save Cancel

Name

#### Select Interfaces

Changing Interfaces Will Disconnect Any Active Calls!

GSM Module 1

GSM Module 2

[Show Advanced Options](#)

Save Cancel

### Edit Group "IP PBX"

Interface Type

Save Cancel

Name

#### SIP Extension

##### Options

SIP Port (default 5060)

NAT Traversal

Call Limit (0=unlimited)

##### Extensions

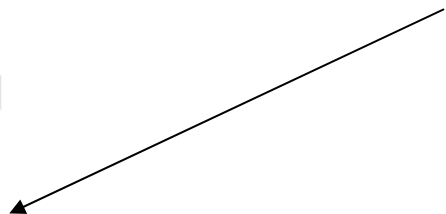
Username  Password

New Extension

[Show Advanced Options](#)

Save Cancel

This Username and Password must be entered on the SIP trunk options on the IP PBX



## Edit Group "OS B"

Interface Type

SIP Network

Save Cancel

Name

OS B

Enter the IP Address for OneStream B

### SIP Network

#### Options

SIP Server

192.168.0.3

SIP Port (default 5060)

5060

NAT Traversal

Disable

Call Limit (0=unlimited)

0

From (optional)

@

Registration Required

#### Registrations

	Username	Auth Username	Auth Password	Contact
1	100		••••••••	

New Registration

[Show Advanced Options](#)

Save Cancel

This Username and Password must match the username and password entered in the "OS A" group on OneStream B

# OneStream A Routes

## Routes

Add Route

Route	From Group	Dest. Addr.	Orig. Addr.	To Group	Mod. Dest.	Mod. Orig.	ACT	CB	Split/Fail
IP PBX > GSM	IP PBX	?	-	GSM	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Edit Route "IP PBX > GSM"

Save Cancel

\* = required field

Name  \*

#### From

From Group

\*

Destination Addresses  \*

e.g.  
? = match all destination addresses  
0?? = match all destination addresses starting 07  
07123456 = match only the destination address 07123456  
s = match when no destination address (e.g. incoming GSM call)

Originating Addresses

#### Options

Modified Originating Address

Modified Display Name

Allow Call Transfer

Use Callback

Failover On

- Busy
- No Answer - timeout  s (0 = unlimited)
- No Available Channel
- Congestion

Failover when no GSM modules available

#### To

To Group [Delete](#)

\*

Modified Destination Address

Strip Digits

Add Split

#### Failover To

To Group [Delete](#)

\*

Modified Destination Address

Strip Digits

Add Split

Add Failover

Save Cancel

# OneStream B Groups

## Groups

Add Group

<u>Group</u>	<u>Type</u>	<u>Edit</u>	<u>Delete</u>
GSM	GSM		
OS A	SIP Extension		

### Edit Group "GSM"

Interface Type

Save Cancel

Name

#### Select Interfaces

Changing Interfaces Will Disconnect Any Active Calls!

GSM Module 1

GSM Module 2

[Show Advanced Options](#)

Save Cancel

### Edit Group "OS A"

Interface Type

Save Cancel

Name

#### SIP Extension

##### Options

SIP Port (default 5060)

NAT Traversal

Call Limit (0=unlimited)

##### Extensions

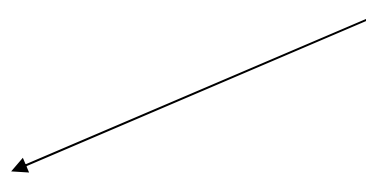
Username  Password

New Extension

[Show Advanced Options](#)

Save Cancel

This Username and Password must match the username and password entered in the "OS B" group on OneStream A



# OneStream B Routes

## Routes

Add Route

Route	From Group	Dest. Addr.	Orig. Addr.	To Group	Mod. Dest.	Mod. Orig.	ACT	CB	Split/Fail
OS A > GSM	OS A	?	-	GSM	-	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Edit Route "OS A > GSM"

Save Cancel

\* = required field

Name OS A > GSM \*

### From

From Group

OS A \*

Destination Addresses

?

e.g.  
? = match all destination addresses  
0?? = match all destination addresses starting 07  
07123456 = match only the destination address 07123456  
s = match when no destination address (e.g. incoming GSM call)

Originating Addresses

### Options

Modified Originating Address

Modified Display Name

Allow Call Transfer

Use Callback

Failover On

- Busy
- No Answer - timeout 0 s (0 = unlimited)
- No Available Channel
- Congestion

### To

To Group

GSM \*

Modified Destination Address

Strip Digits

0

Add Split

Add Failover

Save Cancel

## **IP PBX Setup**

The IP PBX should be configured with a SIP Trunk that is set to register to the IP Address of OneStream A using the Username and Password that were entered in the "IP PBX" group on OneStream A.

The PBX routing should be configured to route mobile calls to the SIP Trunk.