

# T300/T500 - Interconnection - Linesharing

For this tutorial we assume that we have two systems in an interconnection. PBX1 with a sip trunk.  
PBX 2 without any lines. - Of course, this tutorial can be adapted to other configurations.

## 1.0 Outgoing calls

To be able to dial out with a PBX on an interconnection, which has no defined external line, please follow these points:

1. You should create a rule for each possible outgoing digit on "Interconnection -> Location routing", which means, that for an outgoing call the PBX1 line will be selected.

**Interconnection**

Settings Connected locations **Location routing** Rights

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Phone Number	Name		
0	rule_for_0		
1	rule_for_1		
2	rule_for_2		
3	rule_for_3		
4	rule_for_4		
5	rule_for_5		
6	rule_for_6		
7	rule_for_7		
8	rule_for_8		
9	rule_for_9		

Phone Number:  Name:

**Location routing rules**

☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☒ Sa ☒ So From: 00:00 to: 23:59

Specify Line Sequence

Pos.	Line Name	Position	Delete
1	PBX1		

Of course the rule can be adapted to individual needs.

2. If not done yet, change the routing of the PBX1 to "line + COR" if you have more than one line, otherwise "COR" can be chosen.
3. Note that you have to create minimum one COR rule in PBX1. It's sufficient to create one for "0".

Phone Number:  Name:

**COR Rules**

☒ Mo ☒ Tu ☒ We ☒ Th ☒ Fr ☒ Sa ☒ So From: 00:00 to: 23:59

Specify Line Sequence

Pos.	Line Name	Pre-Preselection	Position	Delete
1	SipTrunk	<input type="text"/>		

4. The last point to do in PBX1 is to activate "No Screening" for the line, which will be used for outgoing calls.

Status	Line Name	Line Number	Line Type
▼	SipTrunk	No.: 3	Provider Connection

Line Prefix: \*\*[ ]\*

Deposit: ☒ Default ☐ Internal Number: [ ]

**No Screening: ☒** Phone Number Prefix: + [ ]

Max Connection: [0]

Manual Configuration Active: ☒

Provider Number Area Extended

#### The next points are to make in PBX2:

5. Create in PBX2 a "Dummy" line, which include the real external numbers of the working line of PBX1.

For example:

PBX1: line "SIPTrunk", Numbers: 12345 [0-9]

PBX2: line "Dummy", Numbers: 12345 [0-9]

Important: This line was only set up to give the users of PBX2 an external number. So it mustn't have a connection.

Status	Line Name	Line Number	Line Type
▼	Dummy	No.: 1	Provider Connection

Provider: Sipgate Trunking Provider Status: ☒

Authentication: ☐ yes ☒ no

User Name: [ ]

Password: [ ]

Provider Number Area Extended

Status	Line Name	Line Number	Line Type
▼	Dummy	No.: 1	Provider Connection

Country Code: [ ] Area Code: [ ]

Number Type	Number	Number Area
Number Block	0049( ) 12345	0 to 9

Provider Number Area Extended

6. Add the external "dummy" number in PBX2 to the user, which one is allowed to call to external destinations. Make sure that the Display Number is set, too.

User: Admin, Herr

User Data Redirect Phones **Phone Numbers** iFMC Keys Groups Rights

**Display Number: 123453**

Primary internal number: 81

Primary external number: 123453

Phone Number	Default Rule
81	Standard Call
<b>123453</b>	Standard Call

Now the User from PBX2 can call external numbers using the line of PBX1.

## 2.0 Incoming calls

To be reached from an external participant, a group must be created in PBX1 with the external number from PBX1 line "SIPTrunk", and which include only the User from PBX2. Of course the number should be the same like the Display Number from the PBX2 user. The Internal Phone Number isn't necessary, so it can be chosen an unimportant number.

Tip: To keep it clearly, it is recommended, that the group get the same name of the user from PBX2.

Group Name:	<input type="text" value="Admin"/>	Chat group:	<input type="checkbox"/> activate
Ringing Strategy:	<input type="text" value="Ring All Group"/>	Voicemail Box:	<input type="checkbox"/> activate
Group ID:	<input type="text" value="0001"/>	Password:	<input type="text"/> <input type="button" value="Random Password"/>

### Assigned Phone Numbers

#### Internal Phone Number:

89
90
91
92
93
94
95
96
97
98
99

#### External Phone Number:

- none -
123450
123451
123452
123453
123454
123455
123456
123457
123458
123459

**Group: Admin**

Group Data

Redirect

Phone Numbers

User Assignment

List of Members i

User Name	Logged On	
<div><div>Select User <span>i</span></div><div><div><div></div><div>Search</div></div><div><div>Admin, Herr [PBX2]</div><div></div></div></div><div><div>Select</div><div>Cancel</div></div></div> <div><div></div></div>		<div><div>+</div></div>

+ Add Person

Save

Apply

Cancel

Close

Now the user can also be called and called back from external users!

- [1.0 Outgoing calls](#)
- [2.0 Incoming calls](#)