



**Aastra
IntelliGate
PBX settings for SIP**

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1 System Requirements

1.1 Hardware Requirements

The telecommunication interface between the Flexi system and the Aastra PBX can today be either S0 or SIP depending on which Flexi product you want to use.

To get full functionality of your Flexi system requires that there are a number of free S0 ports in your PBX or free SIP licenses (resources). How many S0 ports or SIP licenses required depends on the size of the system (how many users etc.).

1.2 Software Requirements

To connect your Flexi system to the Aastra PBX requires at least version I7.9 of the Aastra PBX.

CTI communication between the Flexi system and the Aastra system is via the CORBA interface which means that both systems have to be on the same network.

1.3 License Requirements

CTI Basic, art. 20 327 411

ATAS Protocol art. 20 952 021 till A150/300/2025/2045, alt. art. 20 952 022 till A2065.

PBX CTI Connection art. 20 952 046 alt. PBX Full Connection art.nr. 20 952 048 till A150/300/2025/2045

PBX CTI Connection art. 20 952 043 alt. PBX Full Connection art.nr 20 952 045 till A2065

1.4 Installation prerequisites

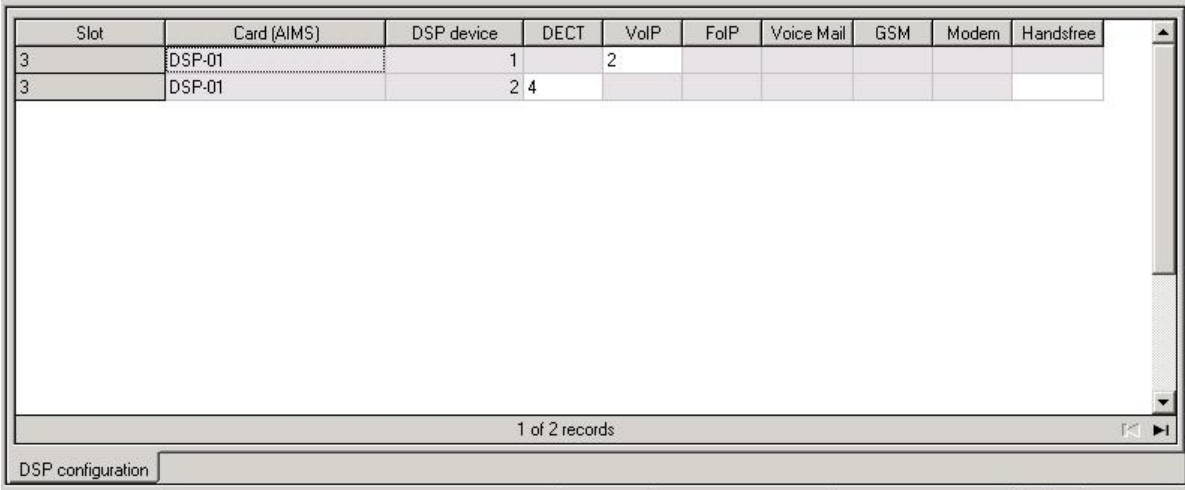
To get full functionality of the calendar integration in your system requires that everything is configured correctly in your Aastra PBX. Have a look in your Aastra documentation if you need more help.

2 Configuration

2.1 AIMS

2.1.1 DPS

The telecommunication interface between the Flexi system and the Aastra PBX can today be either S0 or SIP depending on which Flexi product you want to use. Notice you have to allocate same amount of VoIP that Flexi intend to use. Ex. 2 VoIP are 2 Flexi channels
DSP settings must be as shown below.



The screenshot shows a table with the following data:

Slot	Card (AIMS)	DSP device	DECT	VoIP	FoIP	Voice Mail	GSM	Modem	Handsfree
3	DSP-01	1		2					
3	DSP-01	2	4						

1 of 2 records

DSP configuration



2.1.2 Terminal Data

Each SIP terminal must include these settings

Terminal ID	Description	Call number	Terminal type	Terminal subtype	
25	Flexi SIP CH1	41	FLEXI SIP 41	SIP	Normal

25 of 30 records

Terminal ID:

Description:

Call number:

Name:

Terminal type:

Terminal subtype:

Configured type:

Connected type:

Port:

Barring:

Door:

Door open DTMF sequence:

Emergency destination:

PSTN overflow:

AIN area:

Hotline call number:

Hotline delay:

Terminal SIP settings Assigned users

25	Flexi SIP CH1	41	FLEXI SIP 41	SIP
25 of 30 records				
Terminal ID:	<input type="text" value="25"/>			
IP address:	<input type="text" value="192.168.50.167"/>			
Port:	<input type="text" value="5060"/>			
Registered:	<input type="text" value="Yes"/>			
Bandwidth area:	<input type="text" value="Default Area"/>			
Enable 'Keep alive':	<input type="text" value="No"/>			
Fax device:	<input type="text" value="No fax device"/>			
SIP user name:	<input type="text" value="41"/>			
SIP password:	<input type="text" value="1234"/>			
Send redirecting information:	<input type="text" value="Yes, using 'Diversion header (recursing)"/>			

Terminal SIP settings Assigned users

Notice "Send redirection information" MUST be "Yes, using 'Diversion header (recursing)'"



Call number	Name
41	FLEXI SIP 41

25 Flexi SIP CH1 | 41 | FLEXI SIP 41 | SIP | Normal

25 of 30 records

1 of 1 records

Terminal | SIP settings | Assigned users

2.1.3 User Groups

A user group is needed to collect all the connections that will go against the Flexi system.

▶	20	63	FLEXI SIP	Cyclic		No
	21	66	FLEXI SIP 2	Cyclic		No
20 of 21 records						
Position	Internal user	Name	Group	Logged out	Logged out by CFU	
1	41	FLEXI SIP 41	Main group	No	No	
2	42	FLEXI SIP 42	Main group	No	No	
1 of 2 records						
Members		User groups				



▶	20	63	FLEXI SIP	Cyclic		No	N
	21	66	FLEXI SIP 2	Cyclic		No	N

20 of 21 records

User group No.: General bell:

Call number: Operator console (OC):

Name: Member group delay:

Call distribution: Large user group:

UG sub group from member:

Entry in unanswered call list:

Operator console delay:

General bell delay:

Call forwarding to external destination allowed:

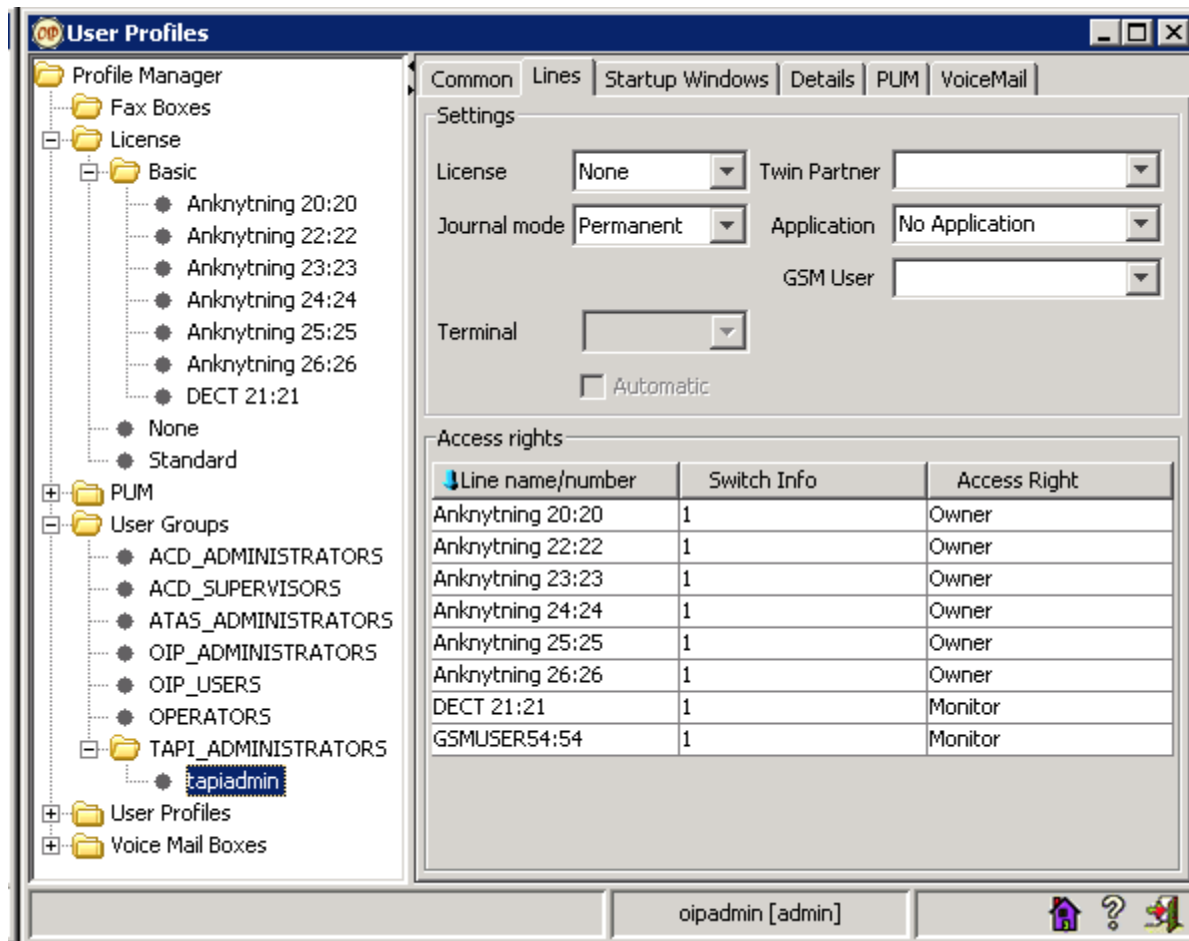
Home Alone:

Members User groups

2.2 OIP

2.2.1 User Profiles

Go to the "Lines" tab on the TAPIADMIN user . It's important that all users are added with "Access Right" "Owner" as shown below. The Flexi system is using the TAPIADMIN user to monitor and control other users.



The screenshot shows the 'User Profiles' application window with the 'Lines' tab selected. The 'Access rights' table is as follows:

Line name/number	Switch Info	Access Right
Anknytning 20:20	1	Owner
Anknytning 22:22	1	Owner
Anknytning 23:23	1	Owner
Anknytning 24:24	1	Owner
Anknytning 25:25	1	Owner
Anknytning 26:26	1	Owner
DECT 21:21	1	Monitor
GSMUSER54:54	1	Monitor



2.2.2 User groups – TAPI_ADMINISTRATORS

The following “Services” except those that are installed by default is required for the system to work fully.

Calendar Service – Used by the Flexi system when calendar integration is in use.

Display Service – Used by the message waiting indication function in the Flexi system.

Function Key Service – Used by the Flexi system to log in/out users in a group.

Routing Service – Used by the Flexi system to activate diversions in the PBX .

User Profile Service -

Configuration Service -

Key Configuration Service – Used by Presentity app in the Flexi system

Subscriber Configuration Service - Used by Presentity app in the Flexi system

The screenshot shows the 'User Profiles' management window. The left pane displays a tree view of the profile manager, with 'TAPI_ADMINISTRATORS' selected under 'User Groups'. The right pane shows the configuration for this group:

- User Group Name: TAPI_ADMINISTRATORS
- Group Description: TAPI Administrators
- Services (with Access):

Service Name	Access Type
Agent Service	groupAdmin
Buddy Service	groupAdmin
Calendar Service	user
Call Service	groupAdmin
Client Utility Service	user
Display Service	user
Feature Service	user
Function Key Service	user
License Service	user
Line Service	user
Login Service	user
Log Service	user
Operator Service	user
PBX Information Service	user
Routing Service	user
User Preferences Service	user
User Service	user

The status bar at the bottom indicates the user is 'oipadmin [admin]'.

2.3 Diversion by phone via REDkey / via code

“Diversion via REDkey/via code (*73*)“ feature has been added in version 5.4 of Flexi Presentity.

The code is the same as in the Flexi system, description is what to be typed on the phone and is always ended with #.

If no time is entered you will be diverted with a default time which is configurable in AdmiTal Web in the Flexi system. See the default codes below.

All below is configured in AdmiTalWeb under Interception->Interceptioncodes

Code	Description with examples	Format	Default time
0 Lunch	*73*00*1300# is Lunch will be back 13:00	TTMM	1 h
1 Not available	*73*01*1045# is Not available will be back 10:45	TTMM	20 min
2 Not available	*73*02*03130800# is Not available will be back Friday 13 at 08:00	MMDD TTMM	1 day
3 Meeting	*73*03*1500# is meeting will be back 15:00	TTMM	1 h
4 (no code)	*73*04*04111600# is will be back 11 april 11:00	MMDD TTMM	3 h
5 Business trip	*73*05*03120830# is Business trip will be back 12 march 08:30	MMDD TTMM	1 day
6 Customer visit	*73*06*03101600# is Customer visit will be back 10 march 16:00	MMDD TTMM	3 h
7 Not available	*73*07*1400# is Not available will be back 14:00	TTMM	2 h
8 Ill	*73*08*03150830# is ill will be back 15 mars 08:30	MMDD TTMM	(until further notice)
9 Not available	*73*09*03110900# is Not available will be back 11 march 09:00	MMDD TTMM	(until further notice)
10 On parental leave	*73*10*03200830# is On parental leave will be back 20 march 08:30	MMDD TTMM	1 day
11 Holiday	*73*11*04201000# in on Holiday will be back 20 april 10:00	MMDD TTMM	1 day
12 On leave	*73*12*05300830# is On leave will be back 30 may 08:30	MMDD TTMM	1 day
13 Businessmeeting	*73*13*1630# is on businessmeeting will be back 16:30	TTMM	1 h
99 Öppna telefon	*73*99# Opens all active interceptions		Open



2.3.1 Activate Flexi Presentity display menu

Display menu can be used i 2 ways, one disappear when interceptions is gets activated, others will not disappear when its activated.

There are only 6 codes that are in this menu, some codes will only show a part of its name (6 letters), this limits are in PBX/OIP. You can change these code in AdmiTal Web, Interception->Interceptioncodes

Function	Discription
Disapper when interception gets activated	*73**0#
Do not disapper when interception gets activated	*73**#