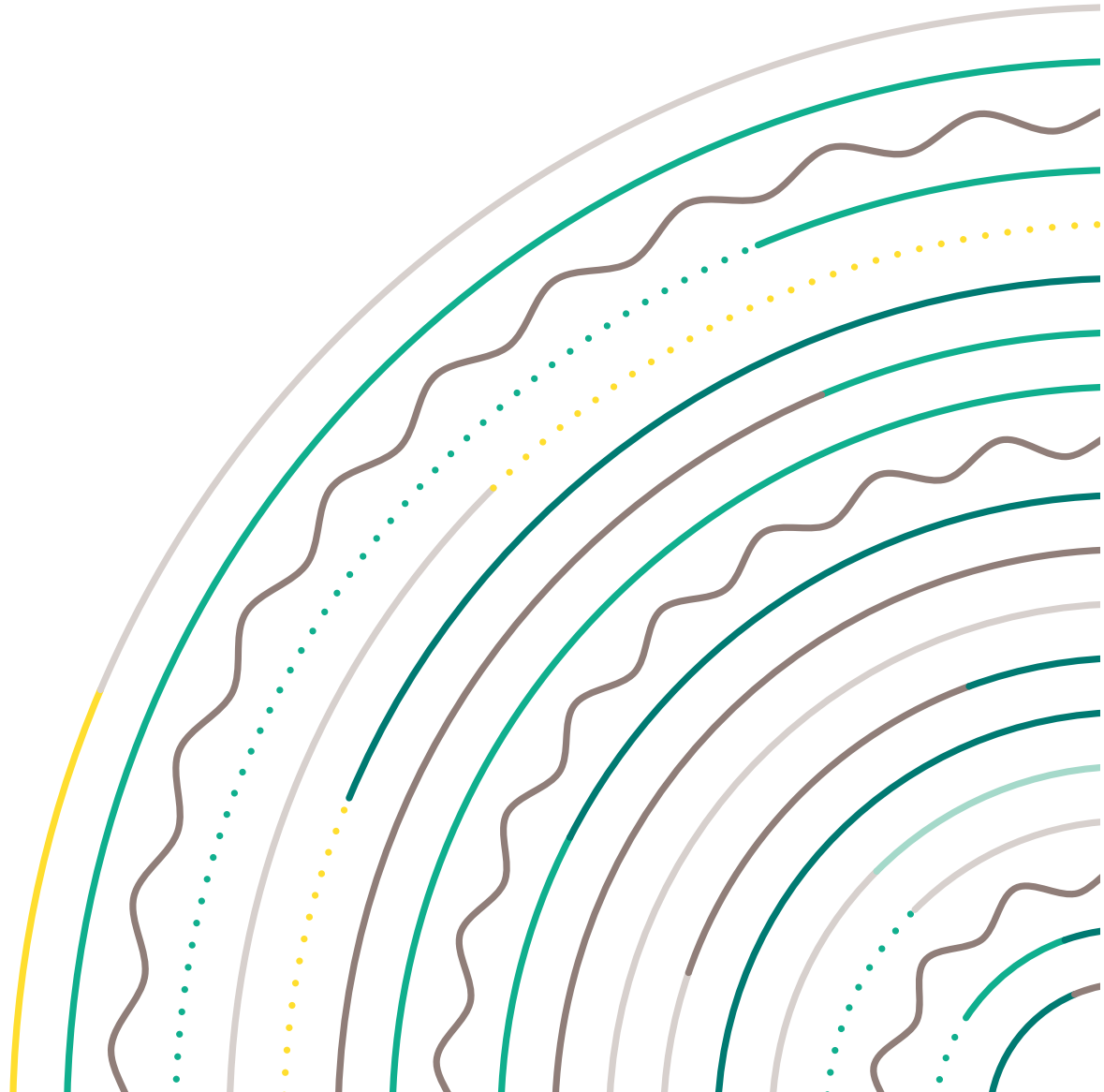


Lifedomus

SIP door stations

31/01/2018

Version 1.1



SIP door stations

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1 Introduction

From version 2.0.139 on, Lifedomus interfaces with door stations operating via SIP protocol (Session Initiation Protocol).

Communication can be done in 2 different ways:

- Direct communication (mode P2P) between the door station and Lifedomus client applications (Lifedomus and Lifedomus DS on iOS and Lifedomus DS on Android)
- Communication via a proxy server. In this case, each application will register with the proxy server via the entered SIP address and the proxy server will then redispach the calls.

Important: Communication with an SIP door station is only available on iOS and Android, not on Design Studio PC and Mac applications.

Important: Communication between applications and door station is only local.

1.1 SIP addresses

Each SIP client has a specific address. This address has the following format:

'user@domain<:port>', with:

- *user*: Free for the door station, set to 'Lifedomus' for DS applications
- *domain*: Client's IP address in P2P mode or the Proxy server domain
- *port*: Optional parameters, 5060 by default.

In P2P mode, all DS applications have the following SIP address: 'lifedomus@<IP>:5060'. These addresses must be entered in the door station's address book to be able to communicate with it.

In Proxy mode, on the Lifedomus SIP address (see 2.3) must be entered with the door station.

1.2 Door station setup

The door station's SIP parameters (user, proxy, mode, address book, ...) must be configured prior to creating the associated device in Config Studio.

This is specific to the door station, but you must have the following fields:

OPERATION MODE SELECTION:			
Operation mode:	<input type="text" value="IPBX"/>	MTU:	<input type="text" value="0"/>
Display name:		Ring tone length:	<input type="text" value="25"/>
SIP user name:	<input type="text" value="portier"/>		
Proxy address:	<input type="text" value="sip.linphone.org:5060"/>	SIP Domain:	<input type="text" value="sip.linphone.org"/>
Authentication User:	<input type="text" value="login"/>	Password:	<input type="text" value="*****"/>

AUDIO AND VIDEO PORTS:			
SIP:	<input type="text" value="5060"/>	Transport:	<input type="text" value="UDP"/>
RTP audio:	<input type="text" value="7078"/>	RTP video:	<input type="text" value="9078"/>

Check that the door station uses the UDP protocol.

ID CODE:	DESTINATION:	LEGEND:
Id 0	lifedomus@192.168.1.24:506	iPad Pro
Id 1	lifedomus@192.168.1.53:506	Nexus 10

Door station address book example

2 Creating an SIP videophone

Create a videophone via the 'Multimedia > Videophone' menu

2.1 P2P mode

Create a new videophone and select the 'SIP door station P2P mode' type.

Label :

SIP P2P

Type :

Portier SIP mode P2P ▶

Propriétés :

Adresse SIP du portier

linphoned@192.168.1.87:5060

Enter the door station's SIP address. An SIP address

2.2 Proxy mode

Create a new videophone and select the 'SIP door station proxy mode' type.

Type :

Portier SIP mode proxy ▶

Propriétés :

Adresse SIP du portier

portier@sip.linphone.org

Adresse SIP lifedomus

lifedomus@sip.linphone.org

Adresse du proxy

sip.linphone.org

Nom d'utilisateur

lifedomus

Mot de passe

In this mode, in addition to the door station's SIP address, enter the proxy server authentication fields.

The Lifemodus SIP address is the address on which each client application will register with the proxy server. In most cases, this address is '<user_name>@<proxy_address>'


2.3 Setting up actions and ringtones

Whether it is in P2P or proxy mode, you can then set up the actions that will be performed when receiving a call, when a call is missed, or the door station opening action.

Important: In P2P mode, the incoming call and missed call actions will only be executed if the Lifemodus server is called. (Configure the lifedomus@IP_DU_SERVEUR:5060 call on the door station).

Important: The missed call action is executed if no Lifemodus has answered the call. If the call was picked up from a third party application, the action will be executed.



You can import your own ringtones. Click on the ringtone to call up the edit pop-up window and click on  to import a file from your station.