

Lifedomus Mobotix door station

31/01/2018

Version 1.3



Versions

Version	Date	Author	Comments
1.0	15/03/2013	HFO	Initial version
1.1	28/11/2014	JL	New iPad management
1.2	29/06/2016	JL	Mobotix \$15
1.3	31/01/2018	CJ	New Delta Dore charter



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1 Models

Lifedomus supports 3 Mobotix door station models, i.e. T24, T25 and S15.

Though the 3 models are different, they use the same software firmware.

The S15 model is a camera that can be converted into a door station. For optimum operation, a loudspeaker and microphone module must be added.



2 Getting started

First of all, to ensure that your Mobotix door station and its module will be fully operational in Lifemodus, you must check that your device's firmware version is later than **4.1.4.11**.

First, execute the Lifemodus Config Studio to access the configuration of the Mobotix audio-video door station.

Select a 'Site' to configure, then select the 'Multimedia' theme, then the 'Videophone' category as shown below.



Fig. 1. 'Multimedia' theme selection



Fig. 2. Videophone category selection

The following steps will walk you through the quick configuration of your Mobotix door station in Lifemodus:

• Click on the interface's '+' button to create a new Videophone. A new Videophone device appears in the interface.





This device includes three buttons. The 'eye' button shows the video door station image following configuration. The 'pencil' button to edit the configuration of the Mobotix door station. The 'cross' button to delete the device.

• Edit the configuration of the new Mobotix door station using the 'pencil' button. The main configuration page appears.



Fig. 3. Mobotix T25 main configuration page

- Enter an explicit name that will appear in Design Studio's 'Videophone' window.
- Select the type: Mobotix T24 or Mobotix S15
- Start the scan of Mobotix devices by pressing the 'arrows' button. After a few seconds, your videophone will be displayed in the list of Mobotix devices.
- Mobotix devices have a default name based on their factory-set IP address. The address is indicated at the back of the hardware and can help you identify your device when several are connected to your network.
- Select your Mobotix videophone
- Enter the administrator **username/password** and confirm.

🔒 Mobotix devices have a default administrator username/password: admin/meinsm.

If you have recently removed your Mobotix door station from its packaging, it will still have factory settings. Lifemodus will automatically generate the hardware configuration. Processing will take a few minutes and your Mobotix will be configured for use with Lifemodus.

In the 'Username used in Lifemodus' and 'Password' fields, **specify the account that will be used** for viewing in Design Studio. This can be your administrator account.

So, if a visitor presses the door station's doorbell, a window will open in Lifemodus Design Studio, so that the user can see and hear the visitor. Now answer the door!

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A For the \$15, there is no physical button. The call must be configured manually. (see Chapter 4.1/4.2)

To configure other Mobotix or Lifemodus features, refer to chapters 4 and 5.

					٢
Comány				 	×
Cameras		Appartemen'			
Chemins réseaux	2 +			NEW_1	▶ ⊝
Visiophone	1.0			VisualAlarm	▶ ()
	1000	= Label: Visioph		NEW 2	
		Visiophone		ncw_3	▶ ⊌
		in the second seco			and the second sec
		Adresse IP			1
		192.168.1.92 mx10-10-16			
		Nom d'utilisateur	admin		
		Mot de passe			
			*****	والمراجع المراجع	
		tdentifiant utilisé d	ans Lifedomus		
		Mat da passa	amin		
		Mot be passe			

Fig. 4. Mobotix T25 main configuration page after Lifemodus automatic configuration

If your device has already been configured via the Mobotix administrator interface, automatic configuration will not start. So, no changes will be made to your current configuration.

In the 'Username used in Lifemodus' and 'Password' fields, **specify the account that will be used** for viewing in Design Studio. This can be your administrator account.

To be able to use your door station with Lifemodus, please refer to the Manual configuration section. It is also possible to restore the device's configuration and run an automatic configuration.



3 Automatic configuration

After creating a videophone in the Lifemodus Config Studio, automatic configuration will start.

During automatic configuration, the modules connected to MxBus are initialised. If you are using an MX-Keypad, it will be detected. A new scenario was created, notifying you of the use of an RFID card or access code in Lifemodus Design Studio.

You will notice the Mobotix keypad flashing. Proceed as follows to finalise the configuration process:

- Enter your admin code once (8 digits minimum) then press 'OK'
- Enter your admin code again then press 'OK'
- After a dozen seconds, the keypad LEDs will start flashing.
- The admin RFID card must be first
- Then do the same with the other RFID cards
- Press OK to finalise the configuration process

A Entering the admin code will modify the admin password. You have to apply this change to the Lifemodus Config Studio.











4 Manual configuration

4.1 Configuring a Lifemodus call

This section will show you how to quickly configure a Lifemodus call.

The interface should now look like the following screenshot. If scenarios or action groups (action-related events) are found in the video phone, they will be displayed on the right hand side of the interface.

• Create a new event-action scenario using the '+' button, to configure the Mobotix call used in Design Studio.



Fig. 7. Mobotix T25 main configuration page

• Add an action by clicking on the '+' button.

Groupes d'actions :	8		<u> </u>		
Appel			,	• 🗩	
Label	Ар	pel			
Arming		Time Table			
Enabled	►	(No tir	me table)	►	
Events :					
Actions :				+	
Action Details		Action Chaining			
		Simul	taneously		

Fig. 8. Adding an event to a scenario

- Create the doorbell event
- Click on 'Signal' event type and on the '+' button

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Configuration des profils d	évènement			۲
Environment	Propriétés :		11 14	
image Analysis	▶			
Internal	•			
Message	•			
Meta	•			
Signal				
Time				
		11.11	H H	
				+



- The field 'Event sensor type' must be set to 'Input signal'
- The field 'Signal input pin' must be set to 'Doorbell'
- Confirm the form

Environment	Propriétés :			
	Profile name			
mage Analysis	•	Bouton cloche		
nternal	Event Sensor Typ	pe Signal Input	•	Choose the message sensor
Nessage	Signal Input Pin			Select input pin for this event (check <a< td=""></a<>
Иeta		Camera: Bell Button	×	hret=ration/plex'>Manage Hardware Expand:
	Signal Output Pir	n		Select output pin for this event (check <a< td=""></a<>
Signal	•	Keypad: OUT	▶	href='/admin/plex'>Manage Hardware Expansions).
۲I	Trigger Condition	n×		
51		Rising: Closed (low/NO) to Open (high/NC)	►	Select kind of trigger.
UC	De-Bounce Time			
CameraBellButton		0		De-Bounce time for signal input [02000ms], feasible steps are about 50ms.
CameraLightButton	$\overline{\mathbf{O}}$			

Fig. 10. Configuring the door station's bell

• Add an action to the scenario by clicking on the '+' button.



Groupes d'actions :	7		
Appel			• 🗩
Label	_		
	Арр	pel	
Arming		Time Table	
Enabled		(No time table)	►
Events :			
Bouton cloche		0	
a de la compañía			
1990			
			+
Actions :			
Action Details		Action Chaining	
5		Simultaneously	
			(+

Fig. 11. Adding an action to a scenario

- We are going to create a notification to inform Lifemodus of a call
- Click on the 'Lifemodus Call' action type and on the '+' button
- After a few seconds, the new action will appear. Select this new action and confirm the form.

Configuration des profils d	action		۲
IP Notify	Pri	priétés :	Charles ()
Mall	•		
SMS	•		
FTP			11/1/10
Phone	•		
Sound	▶		and the second
Signal Out	▶		1915.91
Lifedomus Call			
Lifedomus Alert		2.11.101 21.51	
Lifedomus Sound			•
			()

Fig. 12. Creating a new 'Lifemodus Call' action

- Add an action to the scenario by clicking on the '+' button to select the chime on the door station when a call is made.
- Click on the 'Sound' action type and on the '+' button to create a new chime



Configuration des profils d'action	۲
IP Notify	Propriétés :
Mall	
SMS 🕨	
FTP >	
Phone	
Sound	
Signal Out	
Lifedomus Call 🕨	1 1 1 1 1 1 1 1 1 1 1 1 1 1
Lifedomus Alert 🕨	A CONTRACTOR AND A CONTRACT AND A CONTRACTACT AND A CONTRACT AND A
Lifedomus Sound	•



- After a few seconds, the new action will appear. Select the new action.
- Replace the field 'Profile name' with 'Door station chime' for example.
- Specify the sound in 'Play list', e.g. standard chime tone 'DoorBell'.
- Confirm the form

Configuration des profils d'action				
IP Notify	Propriétés : Profile name			
Mall	Sonnerie du portier			
SMS 🕨	Playback Sequence Randomize	Playback sequence of play list.		
FTP	Loop Count	Number of selected sounds to play for each		
Phone	Bire Lie	activation.		
Sound 🔻	DoorBell	Use [C]-Click to select more than one sound.		
StandardSounds				
sound_1				
Signal Out		all Stor		
Lifedomus Call	Θ			
		\odot		



The manual configuration of the Mobotix door station is now finalised. To save the configuration in the device's permanent memory, please confirm the videophone's main form.





Fig. 15. Confirming the main form

The next chapter covers how to add a number of other features, some of which are exclusive to Lifemodus.

4.2 Configuring an advanced Lifemodus call

IMPORTANT: THIS CHAPTER COVERS LIFEMODUS SERVERS FROM VERSION 1.4.112 ONWARDS

A call configuration (see 3.1) is generated automatically. This call does not send any notification to GrandStream telephones. Therefore, if a messaging service is configured for a call, it will be activated even if you pick up from Lifemodus.

If either of these cases applies to you, you can configure an 'MxEasy' type call manually.

First of all, delete the 'Call' group action, which is not applicable.

Go to IP Notify and create a new group action and call it 'LifeCall'.

✓ IP Notify Profile 6	ifeCall	🗖 Delete
IP Notify Type	MxCC Alarm: acknowledge required 60 	Predefined Configuration: "MxCC Alarm" sends predefined network messages to the MxCC alarm list. Acknowledge Required prompts the MxCC user to confirm the message. If the alarm is not acknowledged within the specified acknowledge time, the camera triggers a transmission error. Select Custom Configuration to see the extended configuration. Acknowledge Time: An alarm has to be acknowledged within this time limit [5300] in seconds. Extended to the Configuration to see the second seco
Destination Address	192.168.1.32:8096	Destination Addresses: Receiver IP address and port. Separate IP address and port using a colon. Enter one address per line.

Select the 'MxCC Alarm: acknowledge required' type and indicate the chime duration in Lifemodus.

As recipient address, indicate the server IP address and the port (e.g. 192.168.1.32:8096).



Now we will configure the dispatch of a notification during a call.

Open the following tab: 'Bell Behavior and Video Mailbox'.

In 'Set Remote Stations for Door Station', add the Notify Profile 'LifeCall' IP by selecting it from the list then click on 'Add Selected devices':

Set Remote Stations for D	oor Station
Remote Stations for Door Station	Grandstream_101 (Phone)
Outgoing Call Profiles	- None -
IP Notify Profiles	MxGuard-PopUp SimpleNotify MultipleNotify HttpRequest LifeCall
MOBOTIX App Device	- None - 🔻
Phone Call Fallback	- None -



If you have configured GrandStream calls, you will have to add the 'LifeCall' notification to your current Call Profile. Otherwise, create a Call Profile.

Call Profiles		
Call Profile	Ring only	ę
Add call profile	Delete call profile	
Rename Call Profile		
Name	Ring only	E
Order of Signaling of the Remote S	tations	
 Signaling Phase 1 Delete 	- None - Grandstream_101 (Phone) LifeCall (IP Notify)	~
	30 sec. ▼	ę
Add signaling phase		
Announcements and Video Mailbox	ĸ	
Announcement	Disabled •	\$
	AnsMsgNoAnswer •	-
Leave Message	Enabled T	ŝ
Sounds to Play at the Door Station	While Signaling	
Door Bell	GlobalDefault v	1



4.3 Manual configuration of the Mobotix keypad (MX-Keypad)

In this section, we will create a new scenario, which will notify you in the Lifemodus Design Studio of the use of an RFID card or access code via the MX-Keypad.

• Create a new event-action scenario using the '+' button, to configure the RFID card notification in Design Studio.



Fig. 16. Mobotix main configuration page

• Add an action by clicking on the '+' button.

			*
roupes d'actions :			
Notif clavier			• 😑
Label	_		
	Notif	clavier	
Arming		Time Table	
Enabled		(No time table)	
Events :			
			+
Action Details		Action Chaining	
5		Simultaneously	►
			+
VIsualAlarm		Þ	



- Creation of the correct PIN code internal event
- Click on 'Internal' event type and on the '+' button



Configuration des profils d'é	vènement	۲
Environment	►	Propriétés :
Image Analysis	Þ	
Internal	•	
Message	Þ	
Meta	►	
Signal	►	
Time	►	
		•

Fig. 18. 'Internal' event type selection

- The field 'Event sensor type' must be set to 'Door Station'
- The field 'Select incident' must be set to 'Door: Correct PIN'. Also note the presence of 'Door: Wrong PIN', 'Door: Correct RFID' and 'Door: Wrong RFID'
- Confirm the form

Configuration des profils d'évèner	ment		۲
Environment	Propriétés : Event Dead Time		1.11.1.1
Image Analysis			Time to wait [03600 s] before the event can trigger anew.
Internal	Event Sensor Type Door St	ation 🕨	Choose the Internal sensor
events_1	Action Group		When the selected Action Group finishes with
Message	Execution Result	_1	the specified result, this event is triggered.
Meta	Faile	rd 🕨	An Action Group execution is successful, if at least one of its subactions succeeds.
Signal	Select incident	rect PIN	These inclusions immediately reflect user or visit anneractions and the results thereof.
Time	Select Custom Signal	•	These signals are controlled in the General Event Settings dialog.</a
	Θ		

Fig. 19. Event configuration

- After a few seconds, the event will appear in the scenario.
- Repeat the procedure above for the 3 events 'Door : Wrong PIN', 'Door: Correct RFID' and 'Door: Wrong RFID'
- Add an action to the scenario by clicking on the '+' button.



Groupes d'actions :	
NEW_1	▶ ⊜
VisualAlarm	▶
NEW_3	• 🗩
Label	
NE	W_3
Arming	Time Table
Enabled 🕨	(No time table) 🕨
Events : events_1	U V
events_2	S ()
events_3	N ()
ovents A	
	+
Actions :	
Action Details	Action Chaining
5	Simultaneously 🕨
	+

Fig. 20. Adding an action to a scenario

- We are going to create an alert to inform the Lifemodus system of a keypad-related event
- Click on the 'Lifemodus Alert' action type and on the '+' button

Configuration des profils d'action	۲
IP Notify	
Mall	
SMS	
FTP	
Phone	
Sound	
Signal Out	
Lifedomus Call	
Lifedomus Alert	
Lifedomus Sound	



• The field 'alert_key' must be set to 'Entries'



Mall SMS FTP Phone Sound Signal Out Itledomus Alert Utdalert_1	IP Notify	Propriétés :			
SMS FTP Phone Sound Signal Out Itledomus Call Lifledomus Alert Itledomus Alert	Mall	• • • • • • • • • • • • • • • • • • •	Entries		
FIP Phone Sound Sound Signal Out Lifedomus Call Lifedomus Alert Uldalert_1	SMS	•			
Phone Sound Sound Signal Out Lifedomus Call Lifedomus Alert Idalert_1	FTP	•			
Sound Signal Out Lifedomus Alert Idalert_1	Phone	•			
Signal Out Lifedomus Call Lifedomus Alert Idalert_1	Sound	•			
Llfedomus Call Llfedomus Alert Idalert_1	Signal Out	•			
Lifedomus Alert Idalert_1	Lifedomus Call	•			
Idalert_1	Lifedomus Alert	•	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	H da	
	Idalert_1	Θ			

Fig. 22. Creating a new 'Entries' type 'Lifemodus Alert' action

• Confirm the form

The manual configuration of the Mobotix door station is now finalised. To save the configuration in the device's permanent memory, please confirm the videophone's main form.



Fig. 23. Confirming the main form





Fig. 24. Opening or opening attempt notification via the keypad



Fig. 25. Notification example when using an RFID card

To Edit the user name of an RFID card, please refer to the Erreur ! Source du renvoi introuvable. section.



5 Advanced manual configuration

5.1 Configuring outgoing e-mails

- Using the '+' button, add a new event-action scenario to send an email with a photo for a specific event, e.g. when pressing the *light* button
- Enter the 'Label' field (scenario name) with 'Send email'
- Add an event to the scenario by clicking on the '+' button.

oupes d'actions :						
Appel					▶	Θ
Envol de ma	all				,	• 🗩
Label						
14 6		Envoi d	e mail			
Arming			Time Tal	ble		
	Off			(No time t	able)	
vents :						
						\square
						+
lctions :					_	
Action Details			Action C	haining		
				Simultane	ously	
Red Frame					0	Θ
						-

Fig. 26. Adding an event to the scenario

- Creation of the light button event
- Click on 'Signal' event type and on the '+' button

nfiguration des profil	s d'évènement			(
Environment	Proj	oriétés :	111	1.1
Image Analysis	Þ			
nternal	►			
Message	►			
Meta	►			
Signal	<u> </u>			
lime	Þ			
				(+



- The field 'Event sensor type' must be set to 'Input signal'
- The field 'Signal input pin' must be set to 'Light Button''



Confirm the form

vironment	Propriétés :				
	Profile name				
age Analysis	•	Bouton lumière			
ernal	Event Sensor Type	Signal Input	•	Choose un message sensor	
essage	Signal Input Pin			Select input pin for this event (check <a< td=""></a<>	
eta	\sim	Camera: Light Button	Þ	href=/aom //plex'>Manage Hardware Error tons).	
	Signal Output Pin	Signal Output Pin		Select output pin for this event (check <a< td=""></a<>	
inal	▼	Keypad: OUT	►	href='/admin/plex'>Manage Hardware Expansions).	
0	Trigger Condition				
21		Open (high/NC)	►	Select kind of trigger.	
υc	De-Bounce Time				
CameraBellButton		sio_time		De-Bounce time for signal input [02000ms], feasible steps are about 50ms.	
CameraLightButton	Θ				

Fig. 28. Configuring the door station's 'light' button

- Add an action to the scenario by clicking on the '+' button to configure an outgoing e-mail.
- Click on the 'Mail' action type to enter the general configuration for outgoing-incoming e-mails.
- Enter the 'SMTP server' field (e.g. smtp.free.fr)
- Enter the 'POP3 server' field (e.g. pop3.free.fr)
- Close the general configuration popup window
- Click on the '+' configuration button to create a new email.

IP Notify			
Mall		Addressing \$(id.nam)@myhome.test	Sender Address Default sender address. This parameter allows using ≺a href='/help/ help?longvariable' onclick='openExtNoDeko(/ help/help?longvariable',windowname_help)
SMS	•		Reply Address Default reply address. (Optional)
FTP		E-Mail Message i0)%0ATIme+++\$(fingerprint.timestamp)%0A—%0Agenerated+by+MOBOTIX+camı	Body Text Defines the default e-mail message. This parameter allows using <a ,windowname_help)<="" href="/help/</td></tr><tr><td>Phone</td><td></td><td>Server Settings</td><td>help/help?longvariable" td="">
Sound	•	No authentication	Authentication Method Select a default login method.
Signal Out	▶ <	smtp.free.fr	SMTP Server Names IP address of the default SMTP
Lifedomus Call	•		The default port is 25. To use a different port, enter the number after the name or IP addre
Lifedomus Alert	▶	pop3.free.fr	POP3 Server Name ; IP address of the default POP3 server. The actault port is 110. To use a different port, enter the number after the name or IP address seoarated by a colon.
Lifedomus Sound			

Fig. 29. Creating a new 'Email' action

- After a few seconds, the new action will appear. Select the new action.
- Replace the 'Profile name' field with 'Send email' for example.
- Specify the recipient's address
- Specify the email's subject
- In 'Body of text', specify the text to be sent
- In the 'Attachment' field, specify 'Image'



- In 'Video clip format', select 'Simple JPEG files'
- Confirm the form

IP Notify	Propriétés :			
Mall		Envoi mail		
AlarmMall	Sender Address	myaddress@op.fr		Enter a servier address different from the
NotifyMall	Reply Address			
MaliWithMxPEGClip		reply		Enter a reply address different from the globa setting. (Optional)
MaliWithStoryImages	E-Mail Message	Mobotix-T24		E-mail subject. This parameter allows using <a <br="" href="/help/
help?longvariable" onclick="openExtNoDekol">help?help?longvariable',windowname_help? return false:/taroet=' blank'>variables
MallSystemStatus24	Body Text	We have a visitor!		Define the e-mail message for this profile. This parameter allows using <a ,windowname_help(<br="" href="/help/
help?trayariable" ondick="openExtNoDekol(
help/help?tongvariable">return false' taront=' hank'svariablesc/a>
man_9	E-Mail Attachmen	ıt		······································
SMS	•	No attachment	•	Select type of e-mail attachments.
FTP				

Fig. 30. Configuring the 'Mail' action

To save the configuration in the device's permanent memory, please confirm the videophone's main form.

5.2 **Restoring factory settings**

- Open the general properties by clicking on the 'Tools' icon in order to restore to factory settings.
- Click on the 'General' tab in the general properties.
- Enter reset in the 'System management' field

The factory settings will be saved in the device's permanent memory. This will take about 30 seconds then Mobotix will reboot (LEDs off), wait about one minute. Note that usernames/passwords have also changed (admin/meinsm).

You can now use the automatic configuration of the Mobotix door station via Lifemodus. Required actions:

- Delete the videophone from the Config Studio using the 'cross' button.
- Refer to section 2

5.3 Applying Lifemodus' automatic configuration

- Open the general properties by clicking on the 'Tools' icon in order to restore to factory settings.
- Click on the 'General' tab in the general properties.
- Enter autoconfiguration in the 'System management' field

Automatic configuration takes about 2 minutes. Close the Config Studio then restart it to see the new configuration of your Mobotix. Refer to chapter II for further details.

5.4 Running a Lifemodus scenario from a Mobotix event

- Using the '+' button, add a new event-action scenario to start a Lifemodus scenario for a specific event, for example motion detected on a portion of the image
- Fill in the 'Label' field (scenario name)
- Add an event to the scenario by clicking on the '+' button.





Fig. 31. Adding an event to the scenario

- Creation of the motion detection event
- Click on the 'Image Analysis' event type and on the '+' button
- Enter the IDs for the motion detection windows in the 'Window List' field. Example: '1,3,8-11' for windows 1, 3 and from 8 to 11.
- Confirm the form

Configuration des profils d'év	ènement	۲
Environment	Propriétés : Event Dead Time	
Image Analysis	▼ 5	Time to wait [03600 s] before the event can trigger anew.
VM	Event Sensor Type	Choose the image analysis sensor
VM2	Window Litt	List VM windows (by their ID). If one of the listed w, dows detects motion, this event is
Internal	Profile name	and can consist of single windows or ranges (e.g. 1,2,4-7). The ranges can be open (3- ¹ or
Message	► VM	
Meta		
Signal		SIN STA
Time		111 and the
KIN BULL	Θ	

Fig. 32. Configuring motion detection

- Add an action to the scenario by clicking on the '+' button to configure the start of a Lifemodus scenario.
- Click on the 'Lifemodus Scenario' action type
- Click on the '+' configuration button to create a new action.
- In 'Scenario_key', select the required Lifemodus scenario from the drop-down list.
- Confirm the form



Configuration des profils d'action		۲
SMS	Propriétés : ceanaráo key	
FTP	scenario_nsy Scénario_matin	
Phone		
Sound		
Signal Out		
Lifedomus Call		
Lifedomus Alert	11 12 2463 11 43	
Lifedomus Sound	11111111111111111	
Lifedomus Scenario		
ldscenario_1	Θ	
		\odot

Fig. 33. Configuring a Lifemodus scenario type action

To save the configuration in the device's permanent memory, please confirm the videophone's main form.

5.5 Activating/Deactivating a Mobotix scenario in a Lifemodus scenario

First, execute the Lifemodus Config Studio to access Lifemodus scenario configuration.

Select a 'Site' to configure, then select the 'Scenarios' theme.





• Click on 'scenarios' then on '+' to create a new Lifemodus scenario.





Fig. 35. Creating a new Lifemodus scenario

- The new scenario appears.
- Use the 'pencil' button to specify the name of the scenario and select a trigger.



Fig. 36. The new Lifemodus scenario appears

- Click on the 'eye' button
- Select the videophone category
- Select the applicable videophone
- Press the '+' button





Fig. 37. Selecting a Videophone

- Select the action: enable or disable a Mobotix scenario (also called action group)
- Enter the timing
- Select the relevant Mobotix scenario

Visiophone		☀
Action	Minutage	
Expert 🔻	08 1 00 1 00 1	
Désactiver le groupe d'actions	heure(s) ▼ Minute(s) ▼ Seconde(s) ▼	
Activer le groupe d'actions	Paramétrage Choix du groupe d'actions VISUAIAIarm NEW_3	
	LD_ACCESS_CONTROL_33	
	scenario_matin	
		\odot



The new action will now appear in the scenario. The configuration of the activation of a Mobotix scenario in a Lifemodus is now complete.





Fig. 39. The action is displayed in the Lifemodus scenario





6 Using the Mobotix door station in Lifemodus Design Studio

6.1 Presentation

The view window of the videophone in Lifemodus Design Studio is shown below.

The bottom toolbar includes:

- The 'Telephone' icon for answering a call. This icon changes from red to green during calls.
- The 'Light' icon to switch the outdoor lighting on/off controlled by your T25
- The 'Door' icon to open/close the door
- The 'Speaker' icon to control the volume of calls in Design Studio





• The 'views' icon changes the view of the Mobotix door station as shown in Fig. 41.





Fig. 41. Mobotix door station view management

The PTZ is managed with the arrows that appear over the image. The horizontal arrows are used for *Panning*, and the vertical arrows for *Tilting*. Zooming is done by the *Loop* icon at the bottom of the window.



Fig. 42. Managing the PTZ in Design Studio



6.2 Edit mode

In Design Studio, select the 'edit mode' icon in the top toolbar.



Fig. 43. Selecting in edit mode

A new top toolbar appears, select the 'videophone' icon



Fig. 44. 'Videophone' icon selection

The Mobotix door station edit mode window appears. The first tab, 'Image', modifies the following parameters:

- Image resolution from 160x120 (QCIF) to 2048x1536 pixels (QXGA)
- The possible activation of the image reflection (vertical, horizontal, in both directions)
- Image clarity. It is an edge sharpening filter in this case
- The noise delete mode (Disabled, top, bottom)
- Contrast (Disabled, Automatic, Extended, Aggressive)
- Zoom pitch
- Displacement pitch

Image	Couleur	Texte	Audio	197 - 197 A
Résolution :		PDA (160x120)	۲	La Carlo Car
Réflexion de l'image :		Désactivé	۲	
Netteté :				R. Lais_
Suppression du bruit :		Désactivé	Þ	
Contraste :		Désactivé	•	
Pas du zoom :				
Pas de déplacement :				

Fig. 45. Edit mode – 'Image' tab

The second tab, 'Colour', modifies the following image parameters:



- Brightness
- Back-light compensation
- White balance (auto, 2500 °K to 16000 °K)
- Blue balance
- Red balance
- Saturation

Image	Couleur	Texte	Audio	1	
Luminosité :				14	
Compensation du contre-jour :					
Balance des blancs :	Bala	nce des blancs autor	natique 🕨		
Balance des bleus :				30	1
Balance des rouges :					
Saturation :				an than an osta	
يكر كر					
and the second second					

Fig. 46. Edit mode – 'Colour' tab

The third tab, 'Text', is used for configuring text overlay:

- Activation or deactivation of text overlay, date and time overlay
- Text colour
- Background colour
- Background opacity (0% to 100%)
- Date format
- Entry of text for overlay



	Courean	Texte	Audio	and the second second
Incrustation de texte :		Désactivé	Þ	
Couleur du texte :	Ţ			
Couleur d'arrière plan :				
Opacité de l'arrière plan :		0%	►	
Format de date :		Désactivé	►	
				last incompletion
Commentaire :				

Fig. 47. Edit mode – 'Text' tab

The last tab, 'Audio', manages the following parameters:

- Chime tone selection in Design Studio for a videophone call
- Microphone activation or deactivation (audio input)
- Door station microphone's sensitivity (low, medium, high)
- Door station microphone test. The door station LEDs will flash when the microphone signal is recorded. The signal is then broadcast through the videophone's loudspeaker
- Door station loudspeaker activation or deactivation
- Loudspeaker volume management
- Door station loudspeaker test. Select a chime tone then press the 'test' button. It will play through the door station's loudspeaker.

Image	Couleur	Texte	Audio		
Sonnerie :	"				19 B
Entrée Audio :	ON	OFF			
Sensibilité du micro :		Sensibilité moyenne		•	h a s
Test entrée audio :	test				
Sortie audio :	ON	OFF			April Interrydriven
Volume :		0	1. J.		
Test sortie audio :		Standard	►	test	

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Fig. 48. Edit mode – 'Audio' tab



7 Configuring the Design Studio iPad application

There are 2 types of configuration according to your application's version

7.1 iPad design studio version earlier than 1.13

To communicate with the Mobotix door station, Lifemodus for iOS needs a VoIP connection. For communication to be possible, go to the Mobotix door station's administrator interface. The interface is available from a web browser at the following address:

http://<ip_address>/admin

Where: <ip_address> is the IP address of your Mobotix door station. (This IP address can be recovered using Lifemodus Config Studio, 'Multimedia' theme, 'Videophone' category and in the properties of your Mobotix door station)

When the page is uploaded, you may be prompted to enter a username and password. These login details are the same as those used for configuring the Mobotix door station.

🚹 Mobotix devices have a default administrator username/password: admin/meinsm.

When the administrator interface is active, select 'SIP Client Settings' in the category 'Audio and VoIP Telephony'. (Also available at http://sip_address/admin/voipconfig)

🏫 🔶 МОВОТІХ	MOBOTIX T24 mx10-10-163-225 SIP Client Settings					
You can view the curr	rent status and de	tailed messages of the SIP Client in the SIP Client: Messages, Calls, St.				
General Phone S	Settings					
SIP Client:	Enabled ‡	Enable or disable SIP Client.				
Automatic Phone	e Settings					
Camera SIP Address:	sip:mx10-10-163	-225 You can call the camera using this SIP address. Your SIP phone must be on the same subnet and should be able to make a direct device-to-device call.				
Audio Mode for Calls:	Intercom	The best available audio mode is selected here. The available modes depend on the camera model and the <u>audio settings</u> .				
Video Mode for Calls:	Enabled	Video is normally activated by the quick setup.				
Call the camera using	the address spec	ified above to generate a phone profile with the address of the caller.				
Setup Mode						
Setup Mode:	Quick Setup 🗘	Choose the setup type. Quick Setup can configure the camera for peer-to-peer telephony with another phone and sets all required camera parameters automatically. Expert Setup allows configuring everything manually.				
Warning: Setting the	Quick Setup co	nfiguration overwrites already existing VoIP settings and changes so				

On this page, just set the 'SIP Client' parameter to 'Enabled' and confirm by clicking on 'Set' on the bottom left. When uploading is finished, click on the top left arrow to return to the previous menu.

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Close

Factory

Set



Now select 'Incoming Calls Settings' from the category 'Audio and VoIP Telephony'. (Also available at <a href="http://<ip_address>/admin/audio_callin">http://<ip_address>/admin/audio_callin)

MOBOTIX T24 mx10-10-163-225 Incoming Calls Settings					
Incoming Calls Set	ttings				
Phone Call-In	VoIP \$	Activate or deactivate VoIP phone calls intc			
Accepted Phone Numbers or SIP Addresses	sip:mobile@lifedom us	You can enter several phone numbers or S you identify the caller, the <i>last caller's numb</i> Simply call the camera from a device that you Press this button to add the SIP address: s If you do not enter anything, all calls will be			
Accepted SIP Proxies		You can enter several SIP Proxy addresses If you do not enter anything, all invitations w			
Welcome Message	Cuckooclock \$	Select the voice message that callers will he			
PIN Code	A	You can enter a Personal Identification Nur			
Audio Mode	Intercom ‡	Select the audio mode. The available audic			
Intercom Settings	Threshold Duration Medium	The Intercom audio mode simulates an inter telephone. For muting to work properly, you Duration is the minimum time during which			
Hangup call after	5 minutes +	Enter a limit for the maximum duration of a			
E-Mail Profile	- disabled - +	After connecting to the camera successfully sending.			
Set	Factory Restore	Close			

To enable Lifemodus to call the Mobotix door station, set the 'Phone Call-In' option to 'VoIP'. In order to restrict calls to Lifemodus applications, enter 'sip:mobile@lifemodus' in the 'Accepted Phone Numbers or SIP Addresses' box.

A If other lines are available, add after the other lines (e.g. All the grandstreams: *101@IPDELAMOBOTIX) and delete the contents in 'Accepted SIP Proxies'.

In addition, make sure to set the audio mode to 'Intercom mode', otherwise the iPad will be connected as audio, but there will be no sound.

Click on 'Set', bottom left, to confirm. When uploading is finished, click on the top left arrow to return to the previous menu.

To save your changes, select 'Store' in the 'Configuration' category. (Also available at http://<ip_address>/admin/saveconfig)

On the page, click 'Store Permanently' then click on the 'Reboot' link (Also available at

http://<ip_address>/admin/reboot) and on the 'Reboot Now' button to reboot the Mobotix door station.



7.2 iPad design studio version from 1.13

This configuration is generated automatically if the version of your Lifemodus server is 1.4.112 or later.

Lifemodus will activate the SIP functionalities, if they have not been activated, and create 2 SIP accounts: one for the iPad application and one for the Mobotix, so that it can respond.

SIP Server Settings shows the Idmobotix and Idmobile accounts:

SIP Server				
SIP Server:	On 🔻	Enable or disab	ble SIP server.	
Server IP:	192.168.1.201, 10.10.227.77	IPs of the serve	r.	
Port:	5061	UDP port of the	server.	
Realm:	MX_SIP	Realm for authe	entication.	
Missed calls:	Suppress V	Enable notificat	tion of missed calls.	
SIP Accounts				
SIP Address		User Name	Password	
*101	@192.168.1.201	101	•••••	Delete
*201	@192.168.1.201	201	•••••	Delete
Idmobotix	@192.168.1.201	Idmobotix	•••••	Delete
Idmobile	@192.168.1.201	Idmobile	•••••	Delete

SIP Client Settings shows the Idmobotix account:

SIP Accounts

5	SIP Address	Auth	entication	Server	Available as Proxy	Use as Registrar	Register Expiration
User Name	Domain	User Name	Password	Hostname / Address Port			
*201	@ 192.168.1.201	201	•••••	192.168.1.201 : 5061			5 min. Delete
Idmobotix	@ 192.168.1.201	Idmobotix	•••••	192.168.1.201 : 5061			5 min. Delete



Deletions of 'Accepted Phone Numbers' created by the iPad's previous configuration.

Incoming Calls Sett	ings	
Phone Call-In	VoIP •	Activate or deactivate VoIP phone c
Accepted Phone Numbers or SIP Addresses		You can enter several phone numb- identify the caller, the <i>last caller's nu</i> Simply call the camera from a devic Press this button to add the SIP add If you do not enter anything, all calls
Accepted SIP Proxies	192.168.1.201	You can enter several SIP Proxy ad If you do not enter anything, all invit
Welcome Message	- none -	Select the voice message that calle
PIN Code	۵	You can enter a Personal Identificat
Audio Mode	Intercom T	Select the audio mode. The availab
Intercom Settings	Threshold Duration Disabled ▼	The Intercom audio mode simulate telephone. For muting to work prope the minimum time during which the
Hangup call after	5 minutes ▼	Enter a limit for the maximum durate
E-Mail Profile	- disabled -	After connecting to the camera succ sending.

Always select 'Intercom' from the 'Audio Mode' parameter and enter no PIN Code.



8 FAQ (Frequently Asked Questions)

8.1 There is no image in Config Studio and Design Studio

Check that the 'ID used in Lifemodus' and 'Password' fields are filled in. They are used to specify the account to be used for viewing your Mobotix in Design Studio. This can be your administrator account.



Fig. 49. Mobotix T25 main configuration page

8.2 There is no sound from Design Studio PC to Mobotix

Check that the MxCC right is enabled for the 'Public Access' group in the Group Access Control Lists tab.

MOBOTIX T24 mx10-10-227-77 Group Access Control Lists						
Screen / View						MxCC
Access Rights	Guest	Live	Player	MultiView	PDA	MxCC
Public Access						
Groups						
admine						

8.3 When you answer the videophone the visitor's voice is significantly muffled (Windows 7)

Make sure that this is not an automatic setting from Windows for communications.

- Open the Control panel
- Select 'Hardware and Sound'
- Select 'Manage audio devices' in 'Sound'
- Select the 'Communications' tab
- Check that the option 'Do nothing' is selected





Fig. 50. Communications management in Windows7