# **CASE STUDY**

# MEET-SMART\_VISU\_SERVER Integration

Description

This document tries to summarize the steps to follow to integrate a MEET monitor with the JUNG SMART\_VISU server.

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### **INTRODUCTION**

The purpose of this document is to present the steps to follow to control a KNX home automation installation from MEET monitors, using the JUNG SMART\_VISU server. The SMART\_VISU server integrates with different gateways to have full control of the home: KNX devices through its KNX IP gateway, Philips HUE lighting, SONOS ambient sound, etc. The WIT monitor connects locally to the server, accessing full control of the installation.

The steps described apply to single-family and building projects and it is not an essential requirement to have an internet connection in each home.

#### **REQUESTED MATERIAL**

In each house:

- Ref. 14831/ WIT 10" Monitor
- Ref. 9541 / MIO/WIT Monitor Connector
- SMART\_VISU\_SERVER with requested gateways and devices to be controlled.

## **BASIC DIAGRAM**

The usual scheme of a MEET installation is used, whether single-family or building.

#### **INSTALLATION**

Make the connections according to the basic MEET diagram. The MEET monitor is connected to the IP video door entry installation through the RJ-45 labeled MEET (PoE), from which it is powered, and to the home router through the RJ45 labeled APARTMENT, keeping the home's local network isolated of the rest of the homes and the video intercom installation. In the case of a single-family home, only the MEET connector must be connected to the local network and, in this case, it is possible to use the 7" WIT monitor ref 14721, which includes only one RJ-45.

#### COMMISIONING

Below are the steps to follow to install the application on the WIT monitor.

#### Configuration of the WIT 10" monitor

- i. Download the image of SMART\_VISU APP (Link) for MEET monitors.
- ii. Open the MEET System Upgrade Tool software, select the installation image (1) and set the IP address range so that a search for the MEET monitor(s) is executed in the initial address range IP (2).

船 700 System A	uto Tools		-	х	
IMG 1:	ONICA S.A.U\Escritorio\Sm	art_Visu_Server_1	.7.8.0_install_A10.imd		 1
IMG 2:					
IMG 3:					
IP Range:	192 . 168 . 1 . 1	29 129	│		2
Real Status:					
ID IP		Result	Date		

iii. Press "Start" to start the search for MEET monitors in the selected range.

Once detected, the APP will be installed, and the monitor will restart at the end of the process.

iv. On the monitor, go to the installer menu (password 6666) and open the APPS menu.



v. Select the "SV-Server" app and assign an icon to it. Save settings.

The SV-Server application will be displayed in the initial menu of the monitor.



#### WORKING MODE

Open the SV-Server APP by clicking on the icon. Read and accept the privacy terms. The first time it will ask for the connection mode: local or remote. Choose Local Only and then click on the DISCOVER SV SERVER button.

07:44			↔
Smart Visu Server The optimal visualization solution for your smart home.			
Connection Mode Discover demo project			
Local only			
Remote only			
Server address			
IP address of your SV Server			
		DISCOVER SV-SERVER	000

The IP of the Smart Visu server detected on the same lan will appear:

07:46				<->
		Choose your SV-Server		
Smart Visu Server				
Connection Mode	0 192,168,1,21			
Discover demo project				
Local only				
Remote only				
Server address				
IP address of your SV Server				
				000

Click on the CONNECT option and then the OK button at the bottom right that is below the icon After a while, it will show the main screen with all the rooms configured and the devices available in each one:

07:47										SV-Hor	ne									ייא מאותם	<u>ه</u> ال
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Examples of screen displays:



08:10				<>
≡		SV-Home		JUNG
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		Living		
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Shutter - front garden	Shutter - garden		Temperature 21.8 *C	ڻ.
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Window front garden	Open Window garden	Open	Chart - Temperature	K
			*с 22.0 <sub>7</sub>	
			21.5- 21.0- 20.5-	
			20.0 - 19.5 -	
	<b>A</b>	0 🗘	8	
				000

By default, the APP only allows access to the SV-Home option, for the resident. If you want to allow access to the SV-Control option, you must uncheck that option in the settings area:

08:22				$\leftrightarrow$
LOCAI No credentials provided				
Remote - MyJUNG No credentials provided				
APPLICATION				
Connection Mode				
Orientation Automatic				
Direct SV-Home				×
Clear cache				,
Imprint				^
	CONNE	ECT TO DEMO PROJECT		
	SV-Overview	(?) Help	Settings	000

To exit the application, you must press the button  $\circ \circ \circ$  and then  $\bigcirc$ .

If a call is received with the application open, it can be answered and when finished, it will return to the same, at the point where it had left off.

#### **OTHER CONSIDERATIONS**

Smart\_Visu App version: 1.7.8.0

WIT monitor FW: V03.10 or later.