

# **Connecting Penton IP Speakers to Milestone VMS Software**

Last updated 20/01/23

#### Step 1

Within the Onvif section of the configuration page change the User Authorize to Enable.

	UT-1:None / OUT-2:None / SIP:None / REC:None
Setup Update Status DSP About Logout	English ᅌ
Basic Setting Device Function Libraries Audio Matrix Media Setting I/O Control Account Manager Third Party S	Scheduler
Statup       Update       Status       DSP       About       Logout         Basic Setting       Device       Function Libraries       Audio Matrix       Media Setting       1/0 Control       Account Manager       Third Party       S         Network       DHCP       Enable       Disable       Firewall Traversal Mode       +       Username       II         Subnet Mask       255:255:255:0       Gateway       192:168.1.254       SIP       RTP Port       6         DNS       0.0.0.0       0       0.0.0       Identification Send Interval       Audio Codec         System Time       Enable       Disable       11       1       12       Global Priority       1         Date/Time       2021 / 1 / 1       1       1       12       Chine Volume       Global Priority       1         Date/Time       2021 / 1 / 1       1       1       12       Chine Volume       SiP Auto Answer       SiP Active       SiP Inactive       Ringing Active <td< th=""><th>UI-TRNone / OUI-2:None / SIP:None / REC:None         English         Scheduler         SIP Server         SIP Server         TERRA Net         IPSM_IPBX         5060         6912         2         2         5         0         sec         1         5         Disable         Enable                                </th></td<>	UI-TRNone / OUI-2:None / SIP:None / REC:None         English         Scheduler         SIP Server         SIP Server         TERRA Net         IPSM_IPBX         5060         6912         2         2         5         0         sec         1         5         Disable         Enable
Onvif Onvif Enable User Authorize HTTP Port 8 RTP/RTSP Port 5 RTP UDP Port 4 Audio Format	Enable Disable Enable Disable B000  554  4076  G.711 ulaw S  Save Cancel

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Within Milestone VMS in the *Recording Server* screen, right click and click *add hardware*, and then choose the *manual* option. Click next.



## Step 3

Add the username and password of the Penton IP speaker product to the user credentials list and *untick* the default credentials entry. Click next.

Milestone XProtect Management Client 2022 R3				- 0 ×
File View Action Maintenance Tools Help				
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Site Navigation - 7 ×	Recording Server			- 7
DESKTOP-80RHEAB - (22 3a)     Basics     Discrete Information     Ste Information     Remote Connect Services     Asis One-click Camera Connection     Servers	Filter           Till Recording Servers           Add Hardware           Optionally, specify additional user	Peccording server information Name:	- C X	
	Include Uter name Factory default) admin	Password	Add Remove	
Smart Client Profiles  Management Client Profiles  Rules and Events  Nutles Time Profiles  Notification Profiles  Kalaylices Events  Generic Events  Generic Events  Generic Events	P Heb	< Back Next >	Cancel	- 9 X

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Leave all the manufacturers ticked. Click next.



# Step 5

Enter the IP address of the Penton IP speaker and add the port as 8000. Click next.



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Let the system search for IP addresses and the hardware model should then say **ATEIS TERRA (ONVIF)**. Click *next* and the system will collect the hardware information followed by the status success. Click next.

Site Navigation 🗸 🤻 🗙	Recording Server		<ul> <li>Properties</li> </ul>		• 9
DESKTOP-8QRHEAB - (22.3a)	Fiter		<ul> <li>Recording server information</li> </ul>		
Basics	C d Recording Servers		Name:		
Site Information	Add Hardware			- 0 X	
B B Benote Connect Services					
Axis One-click Camera Connection	Wait while your hardware is being	detected.			•
🕀 🚺 Servers	Once detection has completed, s	elect which hardware to add.		milestone	
Recording Servers					
Failover Servers				810	
Mobile Servers				.stop	
E Q Devices	Detected hardware:				
Cameras     Microphoner	Add Address	Port	Hardware model	Status	
Snaskers	192.168.1.11	8000	ATEIS TERRA (ONVIF)	✓ Success	
Metadata					
So Input					
- 😯 Output					
Client					
- Smart Wall					
View Groups					
Smart Client Profiles					
Management Client Profiles					
Rules and Events					
Rules	Show hardware running on other rec	ording servers			
Time Profiles					
Notification Profiles	P Help		< Back Ne	ext > Cancel	* 4 X
- 💎 User-defined Events	L				
Analytics Events					
Generic Events					
🕀 🐗 Security					

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Select the hardware elements that you would like to implement.

Camera: will show a holding screen to show connection.

**Microphone**: will allow the IP speaker device to stream back to the VMS. (For example, triggering messages etc.)

**Speaker**: will allow the VMS to communicate with the IP speaker via any connected microphone.



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# Add devices to the desired groups.

Navigation 👻 🤻 🗙	Recording Server						* 7
DESKTOP-8QRHEAB - (22.3a)	Fiter		<ul> <li>Recording server</li> </ul>	information			
Basics	E 🖞 Recording Servers		Name:				
Site Information	Add Hardware				– 🗆 X		
Remote Connect Services							
Axis One-click Camera Connection	Select a default group for all d	evices types.	for each dealers				0
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Recording Servers	Default camera onun:					<i>1</i>	
Failover Servers	No group selected	P	Devices	Add to Group			· • .
Devices			Cameras				
Cameras	Default microphone group:		TEIS TERRA (192.168.1.11) - Camera 1	Camera Group 1	~		
- P Microphones	No group selected		Microphones	<u> </u>			
🔮 Speakers	Default speaker group:		ATEIS TERRA (192.168.1.11) - Microphon	Microphone Group 1	×		
- 🐨 Metadata	No group selected	2	Speakers				
de Input	Defend metadata enviro		ATEIS TERRA (192.168.1.11) - Speaker 1	Speaker Group 1	~		
Client	No group selected	1 1221					
Smart Wall	no group service						_
Ciew Groups	Default input group:						
Smart Client Profiles	No group selected	<u>P1</u>					
Management Client Profiles	Default output group:						
Matrix	No group selected	ET					
Rules and Events							
Time Profiles	L						_
- Notification Profiles	P Help		< Back	Finish	Cancel		* # X
- Unar defined Events							

# Step 9

All resources will now be available in the Milestone VMS.

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File View Action Maintenance Tools Help						
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Site Navigation + 7 ×	Recording Server	<b>-</b> 4	Properties			• P
DESKTOP-9QRHEAB - (22.3a)     Basics     Discusse Information     Site Information     Remote Connect Services	Ber         Image: Control of the second	~	Recording server information     Name:     DESKTOP-9QRHEAB     Description:			
Add Directick Camera Cameradon     Add Servers     Delicities Camera Cameradon     Delicities Camera     Delicities Camera     Delicities Camera     Delicities     Devices	ATEIS TERRA (192.168.1.11) - Speaker 1					~
Cameras			DESKTOP-9QRHEAB			
Speakers			Local web server address:			
Metadata			http://desktop-8grheab:7563/			
- of Input - Output			Web server address:			_
De 🗐 Client			Time water			
Smart Wall			(UTC+00:00) Dublin, Edinburgh, Lisbon, London			
Smart Client Profiles Management Client Profiles						
Rules and Events						
- [] Rules			👔 Info 🥑 Storage 👔 Failover 💠 Multicast 🚏 Network			
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23 Notification Profiles	2003000					
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