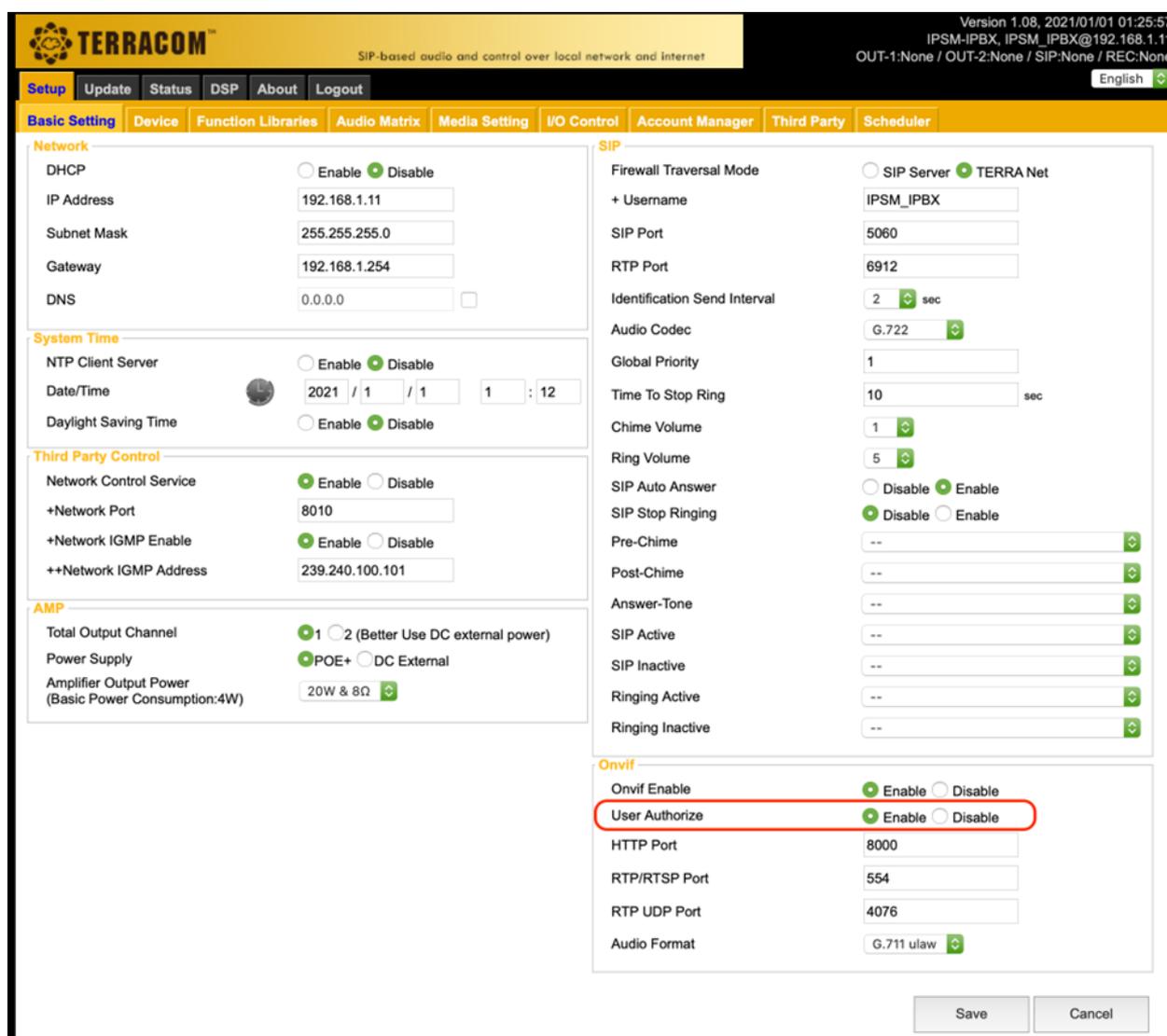


Connecting Penton IP Speakers to Milestone VMS Software

Last updated 20/01/23

Step 1

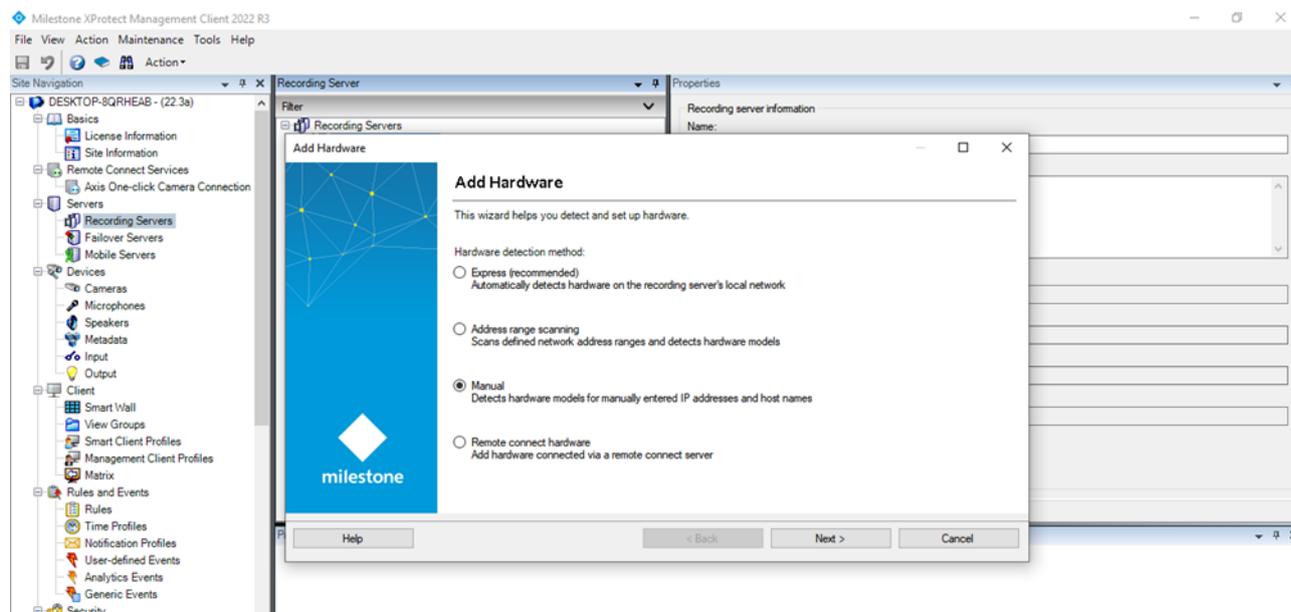
Within the *Onvif* section of the configuration page change the *User Authorize* to **Enable**.



The screenshot displays the TERRACOM configuration interface. The top navigation bar includes 'Setup', 'Update', 'Status', 'DSP', 'About', and 'Logout'. The main menu contains 'Basic Setting', 'Device', 'Function Libraries', 'Audio Matrix', 'Media Setting', 'I/O Control', 'Account Manager', 'Third Party', and 'Scheduler'. The 'Basic Setting' tab is active, showing several configuration sections: 'Network', 'System Time', 'Third Party Control', 'AMP', 'SIP', and 'Onvif'. The 'Onvif' section is expanded, and the 'User Authorize' option is highlighted with a red circle, indicating it is set to 'Enable'. Other options in the 'Onvif' section include 'Onvif Enable', 'HTTP Port', 'RTP/RTSP Port', 'RTP UDP Port', and 'Audio Format'. The 'SIP' section contains various settings such as 'Firewall Traversal Mode', '+ Username', 'SIP Port', 'RTP Port', 'Identification Send Interval', 'Audio Codec', 'Global Priority', 'Time To Stop Ring', 'Chime Volume', 'Ring Volume', 'SIP Auto Answer', 'SIP Stop Ringing', 'Pre-Chime', 'Post-Chime', 'Answer-Tone', 'SIP Active', 'SIP Inactive', 'Ringing Active', and 'Ringing Inactive'. The 'Network' section includes 'DHCP', 'IP Address', 'Subnet Mask', 'Gateway', and 'DNS'. The 'System Time' section includes 'NTP Client Server', 'Date/Time', and 'Daylight Saving Time'. The 'Third Party Control' section includes 'Network Control Service', '+Network Port', '+Network IGMP Enable', and '++Network IGMP Address'. The 'AMP' section includes 'Total Output Channel', 'Power Supply', and 'Amplifier Output Power'. The 'SIP' section includes 'Firewall Traversal Mode', '+ Username', 'SIP Port', 'RTP Port', 'Identification Send Interval', 'Audio Codec', 'Global Priority', 'Time To Stop Ring', 'Chime Volume', 'Ring Volume', 'SIP Auto Answer', 'SIP Stop Ringing', 'Pre-Chime', 'Post-Chime', 'Answer-Tone', 'SIP Active', 'SIP Inactive', 'Ringing Active', and 'Ringing Inactive'. The 'Onvif' section includes 'Onvif Enable', 'User Authorize', 'HTTP Port', 'RTP/RTSP Port', 'RTP UDP Port', and 'Audio Format'. The interface also shows a version number 'Version 1.08, 2021/01/01 01:25:57' and a language dropdown set to 'English'.

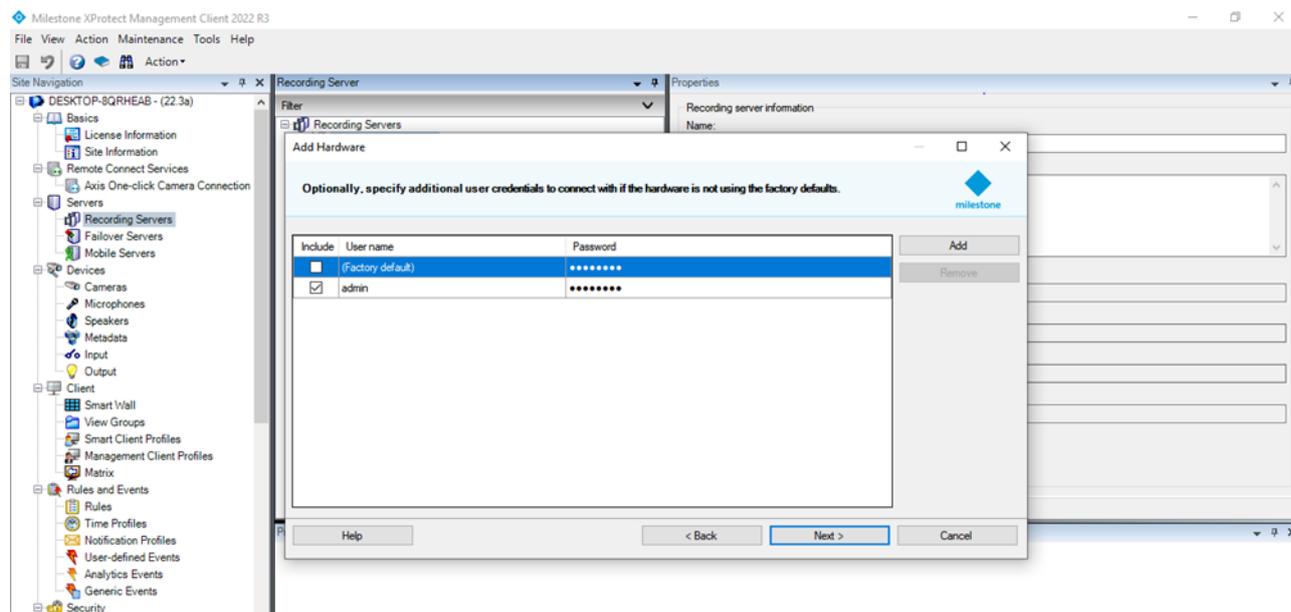
Step 2

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



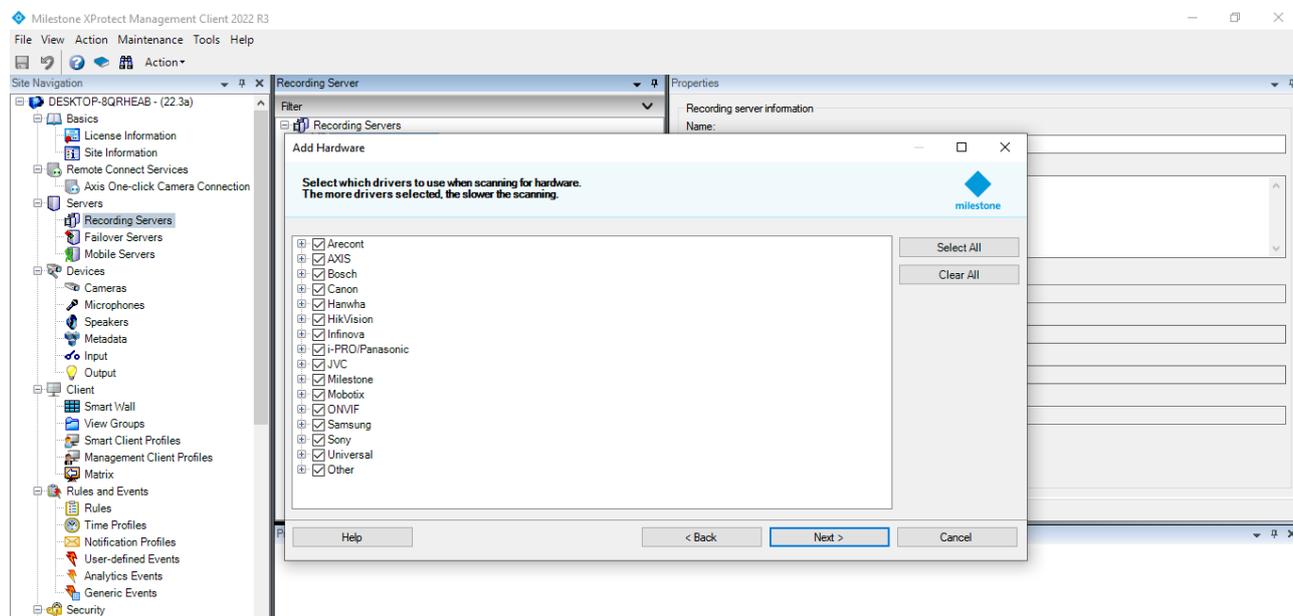
Step 3

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



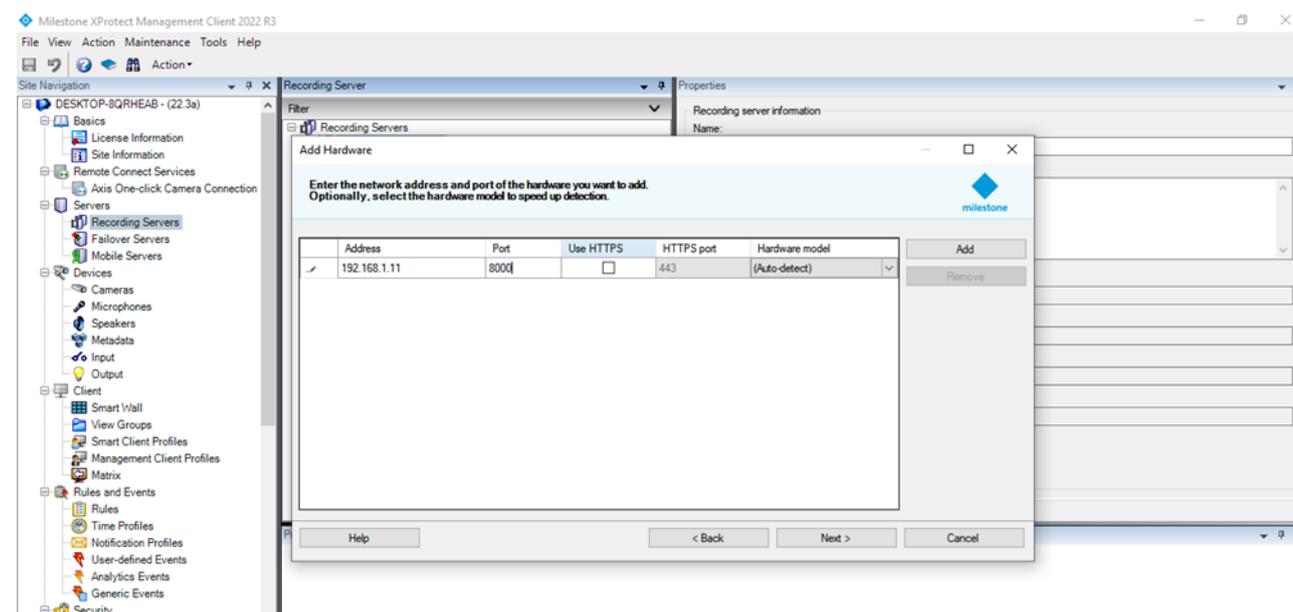
Step 4

Leave all the manufacturers ticked. Click next.



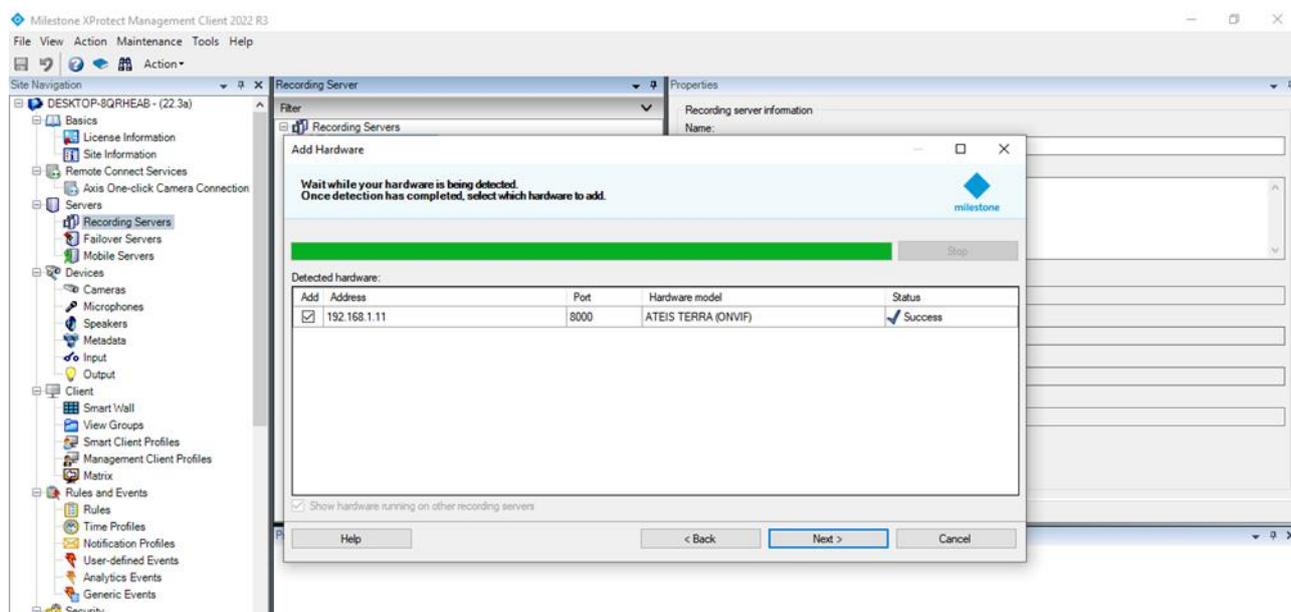
Step 5

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



Step 6

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.



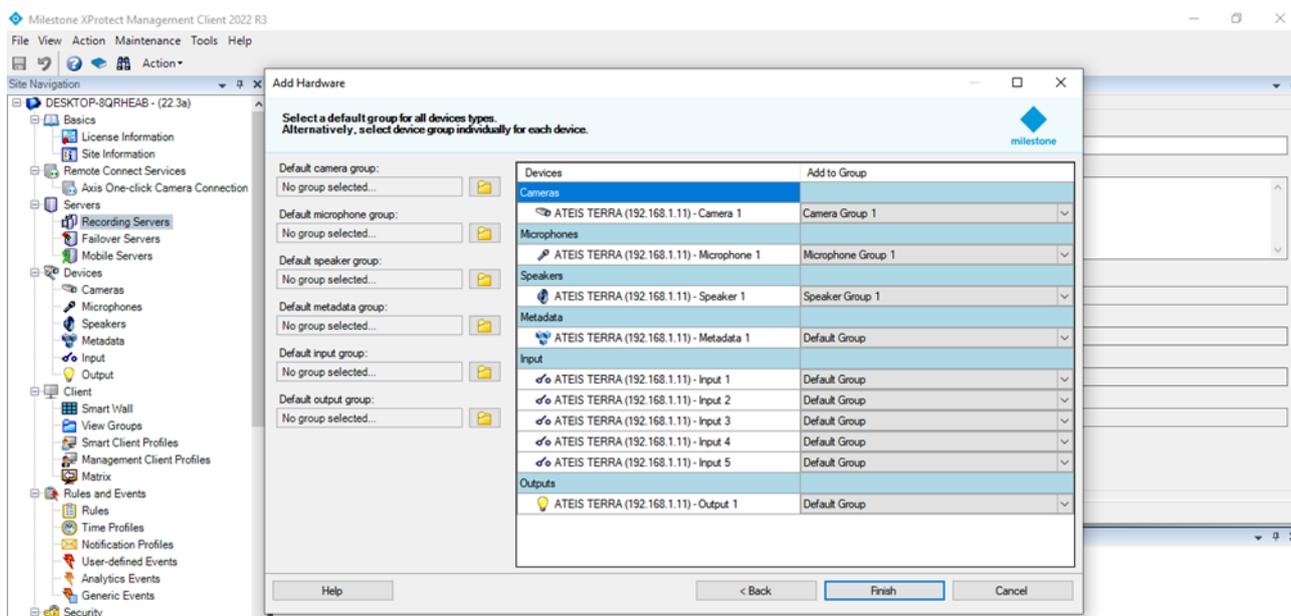
Step 7

Select the hardware elements that you would like to implement.

Camera: will show a holding screen to show connection.

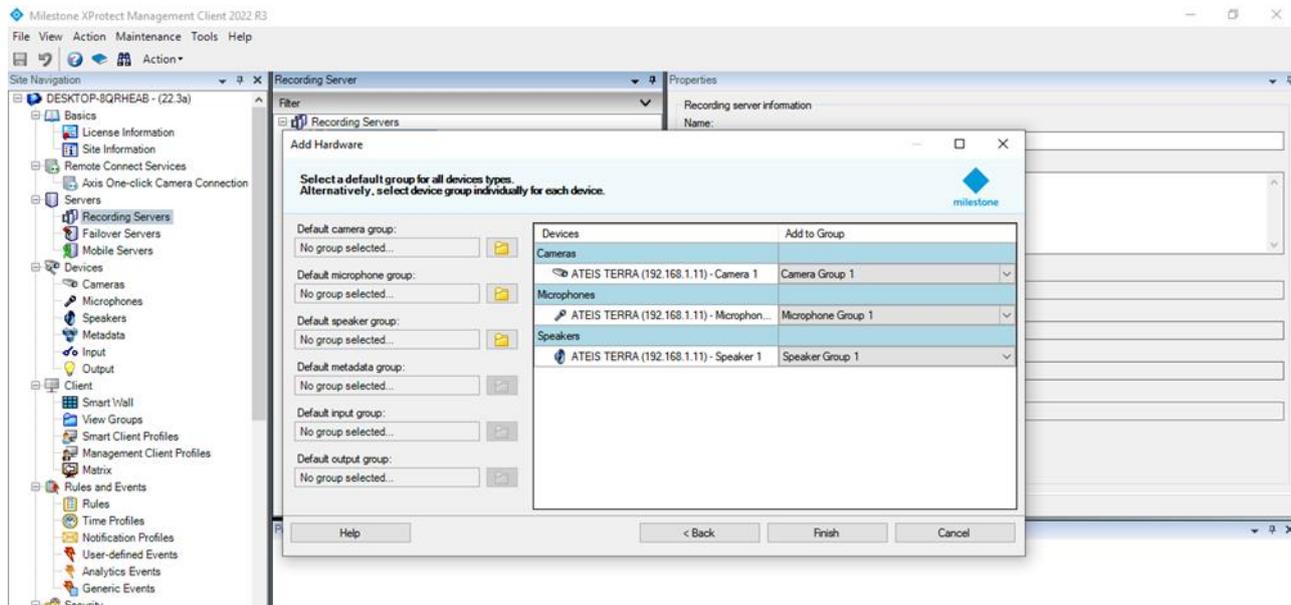
Microphone: will allow the IP speaker device to stream back to the VMS. (For example, triggering messages etc.)

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



Step 8

Add devices to the desired groups.



Step 9

All resources will now be available in the Milestone VMS.

