



# Milestone

Integration with TRx 3.3.1

User Guide  
NOVEMBER 2022

The Milestone XProtect Smart Client plug-in allows users to access Milestone cameras and use them as sources in TRx. Before installing the plug-in, make sure of the following:

- Milestone XProtect 2022 Corporate or Professional or above is already set up and configured on the same network as your TRx Management Server.
- TRx Management Server and TRx Display Server 3.3.0 or above are set up and configured.
- TRx Management Server has Admin and Operator user types set up.
- Milestone XProtect Smart Client 2022 or above is installed on a workstation.

## Milestone Server's Open Network Bridge installation and configuration

For TRx to access Milestone's streams and send them to the Display Server you will need to install and configure Milestone's Open Network Bridge.

### To install Open Network Bridge:

1. On the Milestone XProtect Corporate or Professional Server, go to the Milestone software download site. Download the Open Network Bridge for your version of Milestone XProtect Server.
2. Install the Milestone Open Network Bridge on Milestone Server. Then restart the server.

### Download software

Welcome to the Download section, where you can download Milestone software and device packs in the version and language you need.

Product	Type
Milestone Open Network Bridge	Software
Version	Language
Milestone Open Network Bridge 2022 R2 (22.2a)	English
Free Search <input style="width: 80%;" type="text"/>	
<a href="#">Filter</a>	

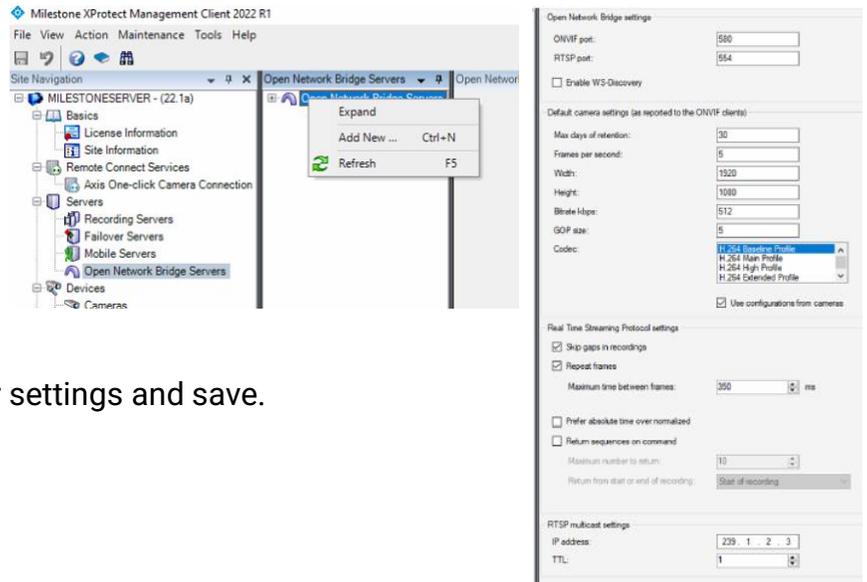
Name	Version	Size
Milestone Open Network Bridge		
<a href="#">Milestone EU/A</a>	20220110	1.00 KB
<a href="#">Milestone EU/A</a>	20220110	1.00 KB
<a href="#">Milestone Open Network Bridge</a>	2022 R2 (22.2a)	47.48 MB

Milestone XProtect® make use of HEVC/H.265 technology licensed under an HEVC Advance Patent Portfolio License

<https://www.milestonesys.com/support/resources/download-software/>

### To configure Open Network Bridge:

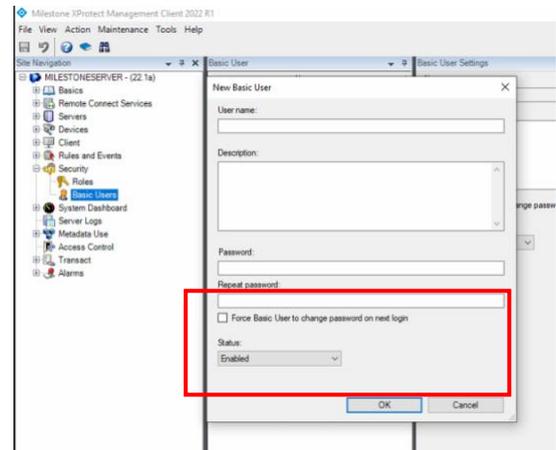
- a. Open the Milestone XProtect Management Client. Go to the Site Navigation pane, select **Open Network Bridge Servers**. In the next, pane right-click **Open Network Bridge Server** and add select **Add New**.



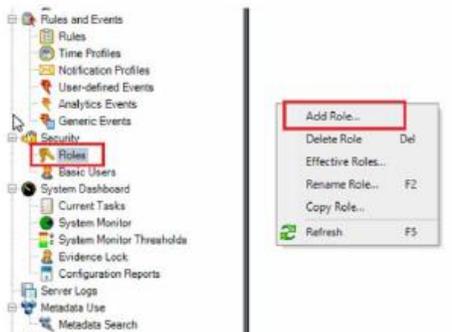
In the main panel, fill out the server settings and save.

- b. Next, create a user for streaming authentication only. In the left pane, select **Basic Users** and create a basic user. Enter a password. Clear **User** to change password on next login.

**Note:** This user account is a **TRx streaming account**. It can only view streams in TRx. This account cannot be used to log into Milestone.



- c. Add a security role to the streaming user. In the Site Navigation pane under **Security** > select **Roles** and add a new role. The roles will be visible in the right pane.

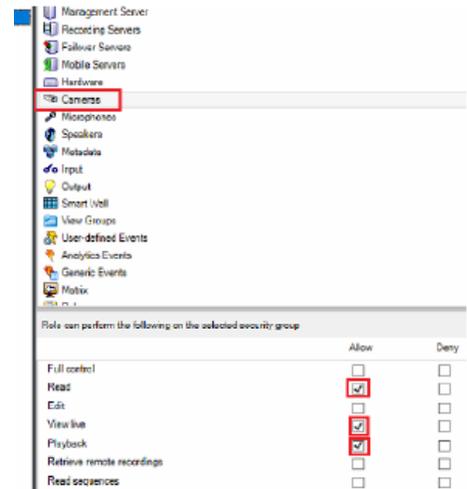


d. Select the role you created. Go to the bottom of panel and select **Overall Security**.

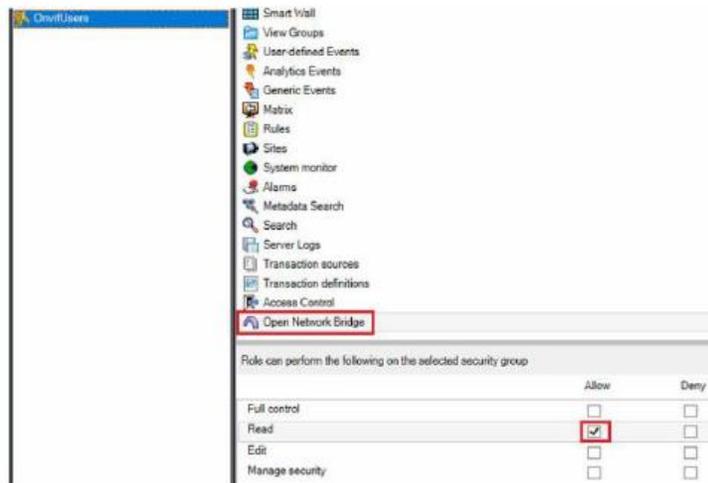


e. In the window that appears, in the right pane, select **Cameras** and in the pane below, check options:

- i. Read
- ii. View live
- iii. Playback

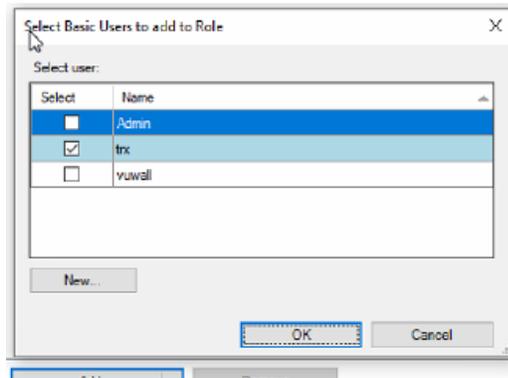


f. Back in the main pane, scroll down and select **Open Network Bridge**. In the pane below, select **Read**.



g. Next, we need to add that role to the user. Go to the task bar, select **Users and Groups**. Select the basic user you created. Select **OK**.





- h. We also, need to add the basic user created above as a ONVIF client user. Go to the Task tray. Right-click on. 
- i. **Select Manage ONVIF client users...**
- j. In the dialog box that opens, add the basic user and password created in step b.

### Installing the Milestone Plug-in and configuring TRx on the Milestone Client

- a. From the workstation where Milestone XProtect Smart Client is installed, run the TRx Setup v3.3.0 or above. During installation only select **Milestone XProtect Smart Client**.
- b. Open Milestone XProtect Smart Client.
- c. On the top task bar, select **TRx**.
- d. Enter the **IP address of your TRx Server**. Select **Connect**.
- e. Sign into TRx with the TRx administrator account. To configure VMS settings for the first time, see section 15.3 Configure VMS Settings in TRx for the first time.

