

XProtect VMS Camera Control

Introduction

This section covers the options for allowing camera telemetry (PTZ - Pan-Tilt-Zoom) via XProtect and the associated configuration to allow PTZ control via SDK in XProtect. This offers the operator the ability to override Witness automatic camera control when they take manual control of a camera through mixing XProtect and Siveillance Video.

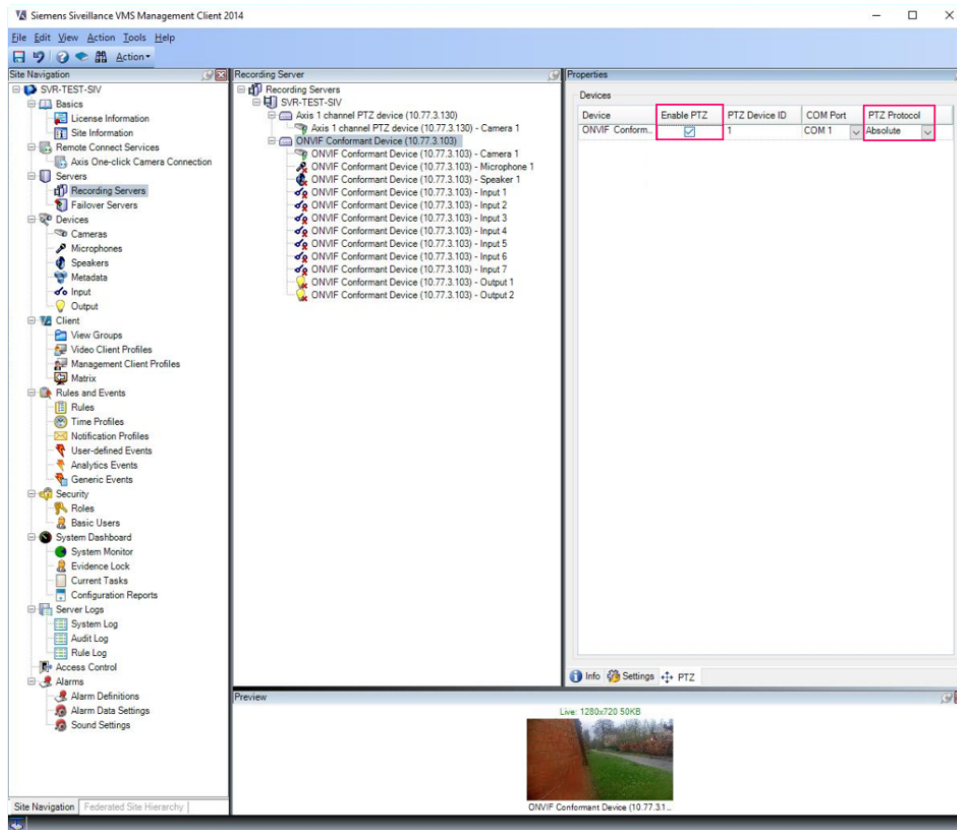
The configuration in Witness is also included.

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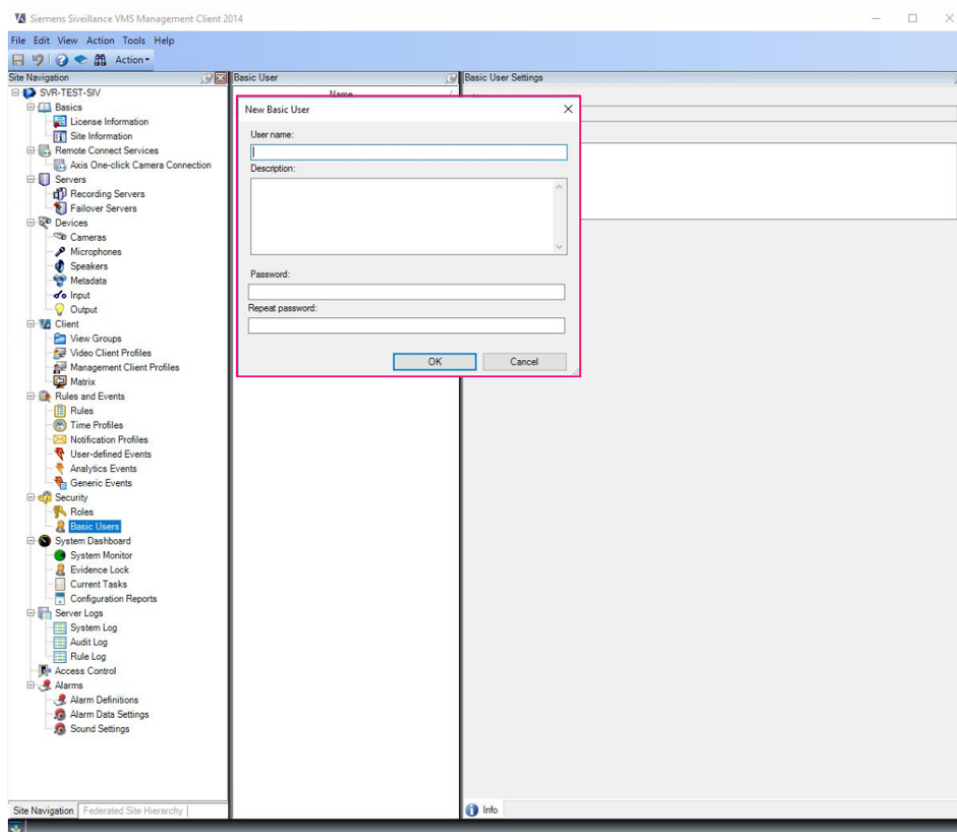
Enable PTZ Control

1. For ONVIF cameras you need to ensure that PTZ is enabled as *Absolute* in the server settings:

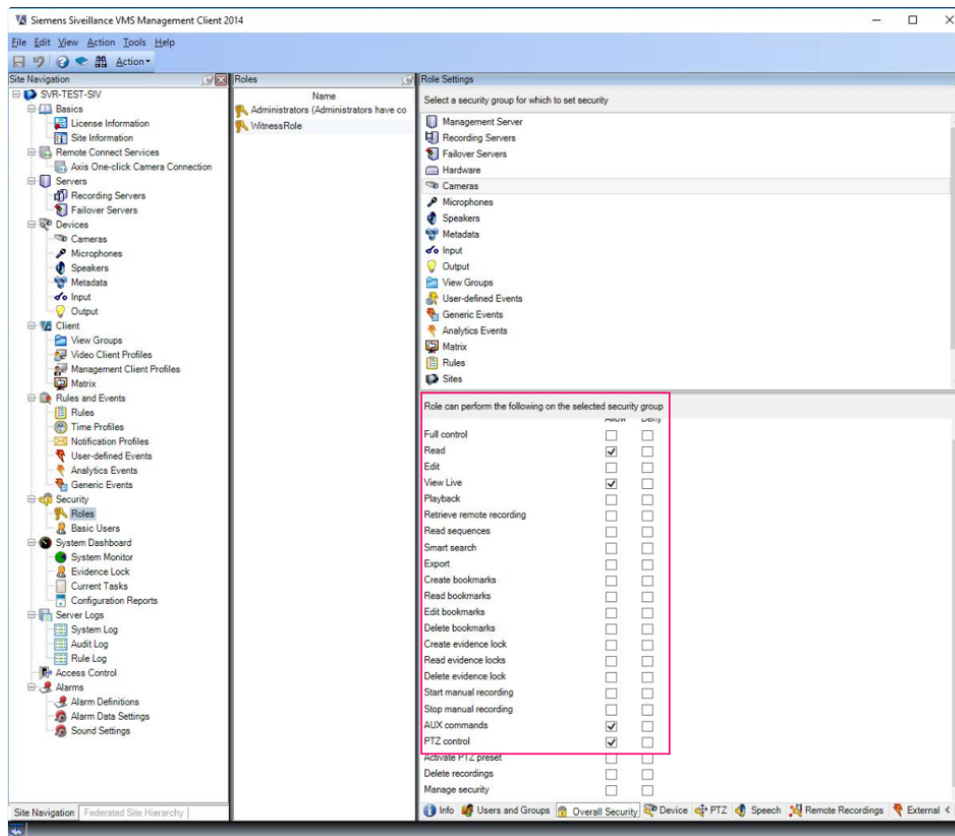


Configuring PTZ Control via SDK in XProtect

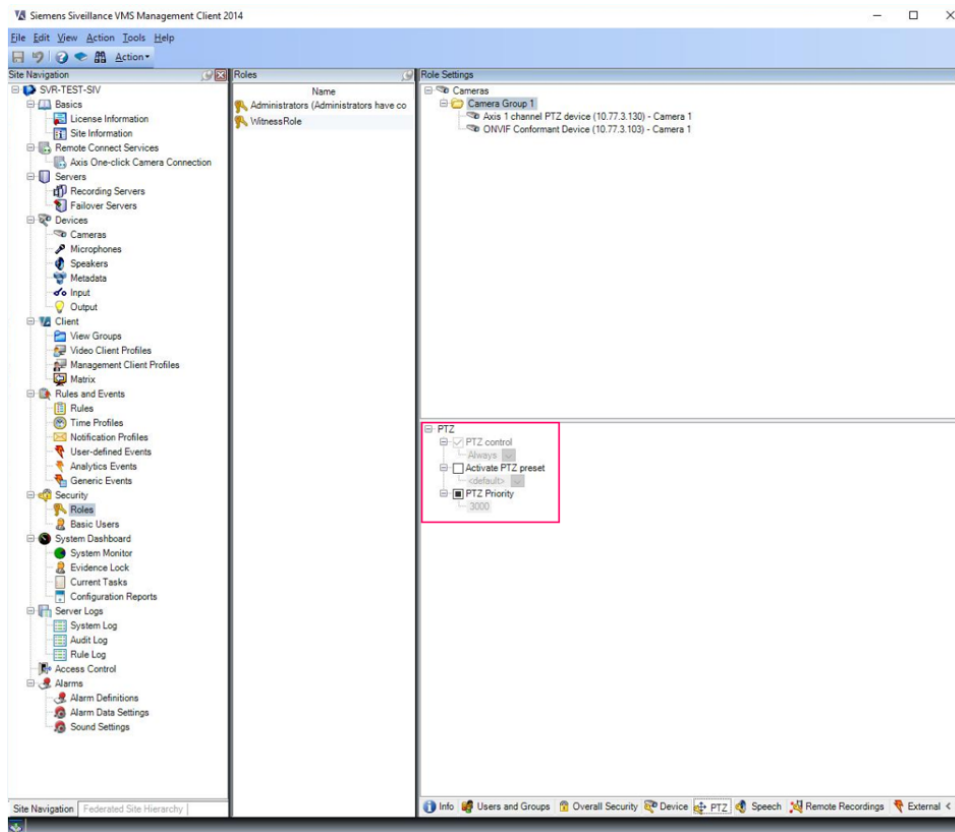
1. A *Basic User* needs to be configured:



2. This new *Basic User* requires a security role (in this example it's called "WitnessRole"), with the at least the Read, View Live, Aux Commands and PTZ Camera permissions selected:



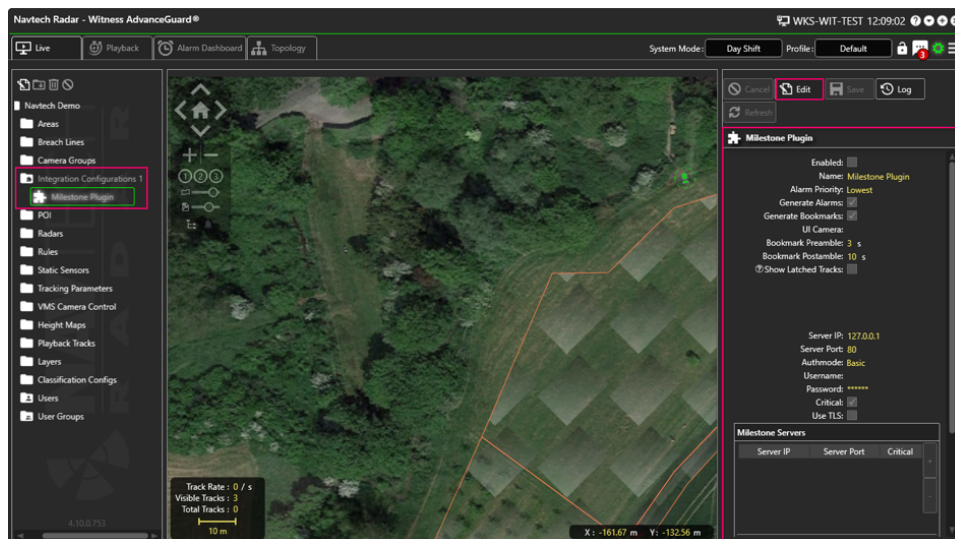
3. The PTZ priority must be enabled the on the camera group:



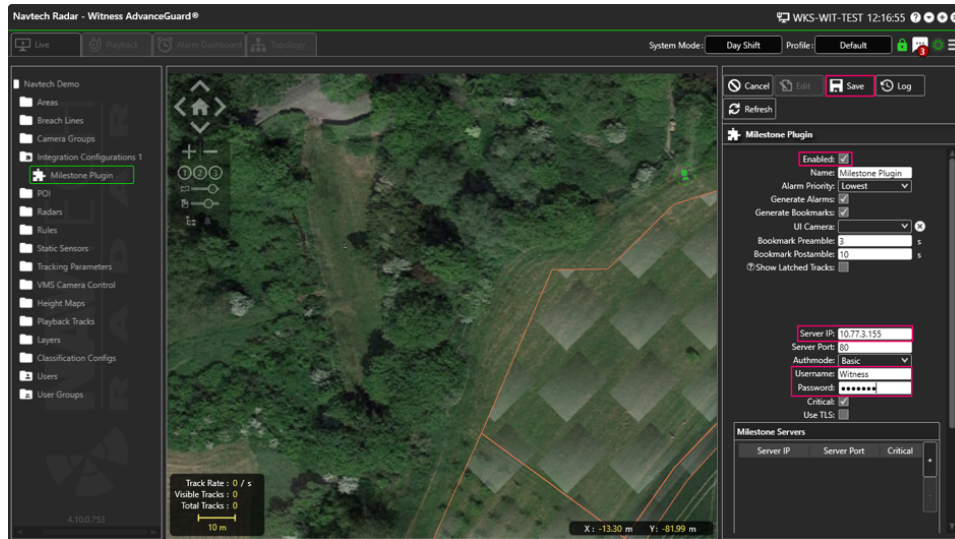
Witness VMS Camera Control Configuration

In order to control the cameras within XProtect via the Witness UI™, you will need to configure the **same user** for both:

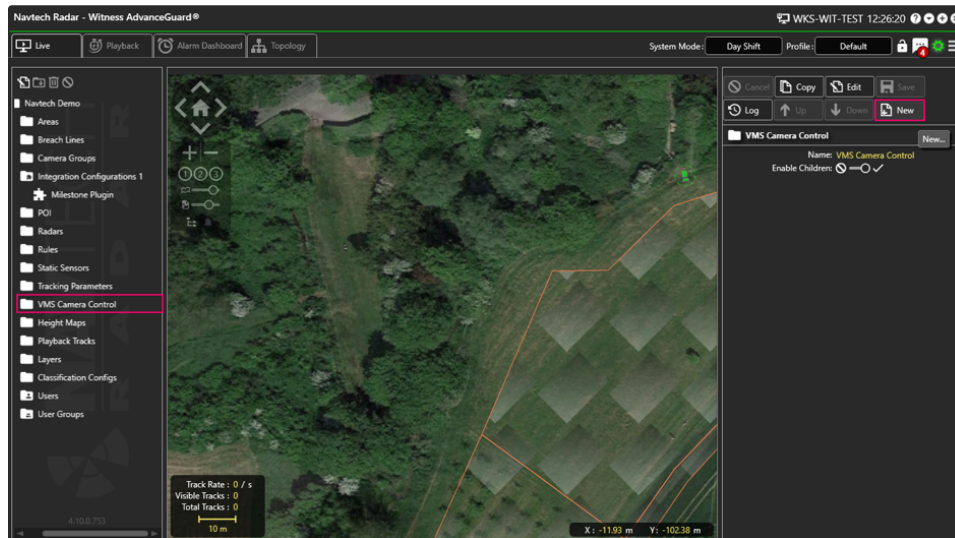
1. In the *Configuration Tree* in the *Live* screen, select the *XProtect Plugin* which is under *Integration Configurations*. This will display the *XProtect Plugin* information on the right-hand-side. Click *Edit*:



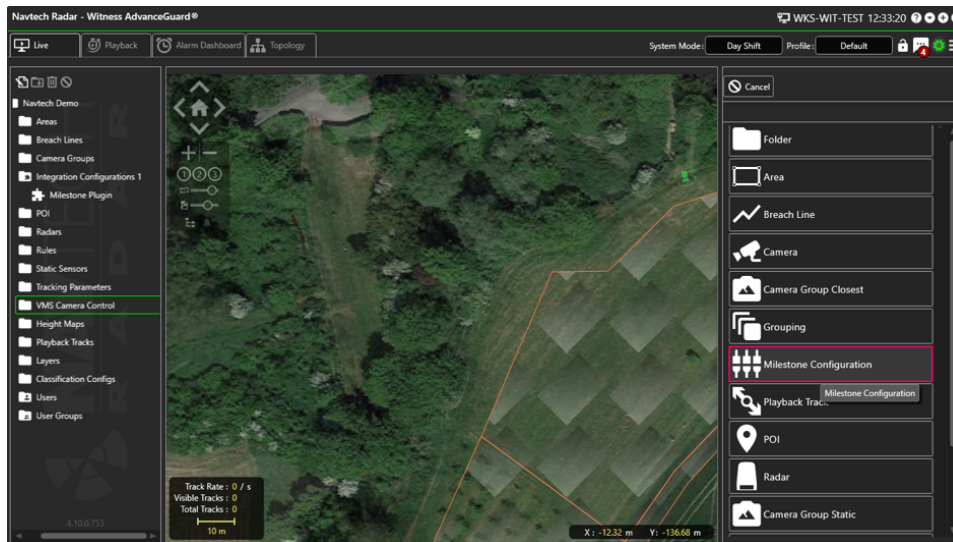
2. Then ensure that the *XProtect Plugin* is enabled, and that the XProtect Server IP address is correctly entered, and the *Username* is the same as entered into the XProtect services. Save the configuration:



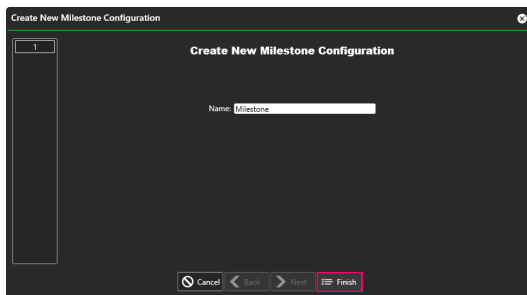
3. Next select the *VMS Camera Control* branch and click *New*:



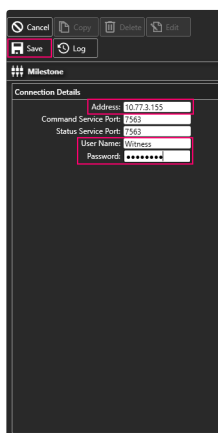
4. Then select *XProtect Configuration*:



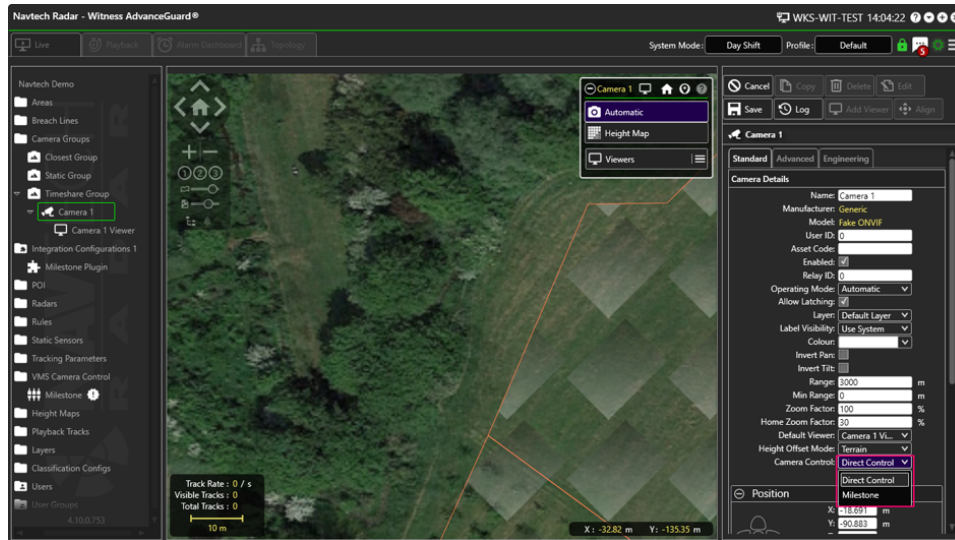
5. This will open the *Create New XProtect Configuration* wizard. Select *Finish*:



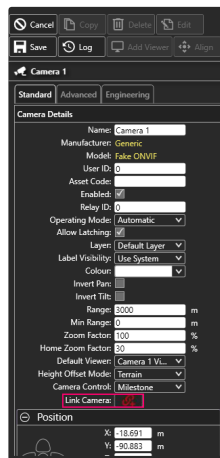
6. Enter the XProtect Server IP Address, along with the same *User Name* as in step 2, and click *Save*:



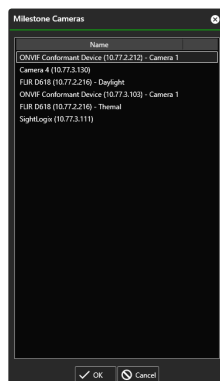
7. Then configure a camera to use XProtect *Camera Control*; there is a drop down option to select *Direct Control* (ONVIF) or the *XProtect* connection:



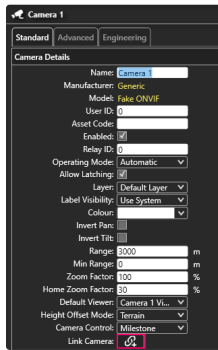
8. Select the *XProtect* option. There is a *Link Camera* option. The *Link Camera* icon button will be displayed in red as no camera have yet been linked:



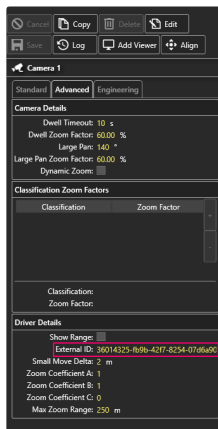
9. Selecting the *Link Camera* option opens a list of cameras on the XProtect system. Select a camera on the list to assign the camera in AdvanceGuard®:



10. Once the camera has been linked, the *Link Camera* button turns white:

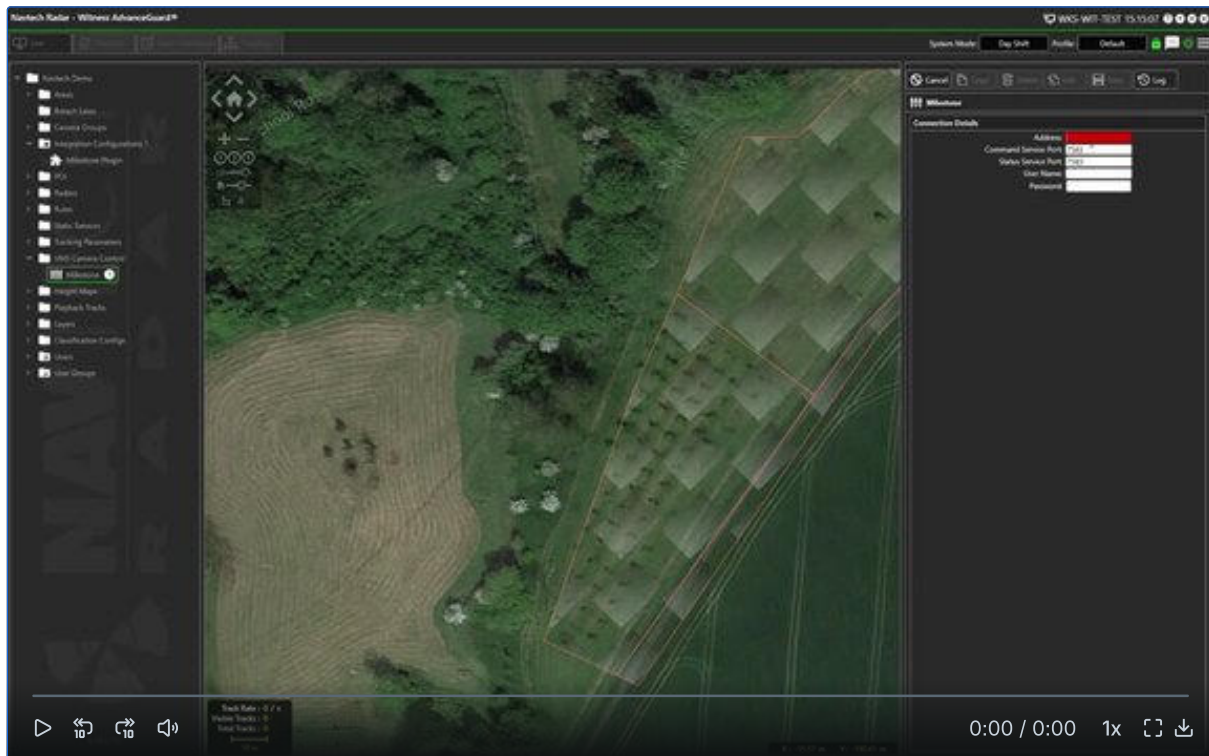


11. Once the configuration has been saved, the *External ID* will be displayed in the *Advanced* tab:



⚠ If the camera is not assigned to a controller or the camera controller is not running the link will not show any cameras.

Video



Related Information