Criminal Tagging System

Manual for Milestone XProtect

How-To Guide

Edition V1.5

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Contents

Summary

SelectaDNA's Criminal Tagging System is a highly integratable security system using forensic marking (aka synthetic DNA) technology. The system stealthily emits an invisible mist onto criminals and items, which provides irrefutable scientific evidence linking suspects, and/or items, to a specific crime scene at a specific date and time. This Milestone XProtect plug-in allows for a universally unique forensic code, and date/time stamp, to be linked with recorded video footage. Additionally, this integration, from the Milestone XProtect Smart Client, allows for remote system activation, via trigger, on demand.

01 ABOUT SELECTADNA

SelectaDNA's Criminal Tagging System provides Milestone Resellers, and its clients, with a proven integratable security technology to safeguard against robbery, burglary, theft and unauthorized access.

The system utilizes universally unique forensic markers proven to:

1) prevent and reduce crime by an average of 40% to 86%, and
2) if a crime is committed, provide law enforcement with a powerful investigative tool to irrefutably link a criminal to a specific crime scene

The synergistic effect of integrating the Criminal Tagging System with Milestone XProtect VMS – and other security systems such as intrusion and access control systems – greatly enhances crime-fighting outcomes for clients.

The Criminal Tagging System uses standard high-quality alarm cable and integrates with security technology, such as XProtect VMS, to arm the 'spray head'. The system only activates when it's associated PIR motion sensor detects movement beneath the spray head, or if remotely activated. An invisible forensic mist, which contains a UV tracer and a unique forensic code, tags fleeing criminals and undeniably connects them to a specific crime scene.

Law enforcement uses UV lights to locate the forensic markers, with forensic / CSU staff extracting traces of the solution from skin, hair, clothing and items, for forensic analysis. The non-toxic, water-based solution is very durable and remains on criminals' skin and clothing for weeks to months, and hard surfaces five years or more.

Through deterrence signage and ongoing multi-layered communication campaigns, criminals quickly realize the heightened risk of arrest; therefore, greatly reducing the probability of protected locations from being attacked. It is not unusual for crimes to be completely eradicated where forensic marking technology is deployed.

02 PREREQUISITES

In order to successfully add the Criminal Tagging System into Milestone, it first requires that the device be connected to a I/O box supported by Milestone.

We suggest an AXIS 8221 module as it's fully supported by Milestone and supports up to 4 inputs and 5 outputs. For other Milestone supported I/O modules, please see the following supported devices from Milestone's website:

https://www.milestonesys.com/community/business-partner-tools/supported-devices/xprotect-corporate-and-xprotect-expert/?AdvancedSearchDisplayed=true

Once the device is connected to the AXIS I/O module, it then must be added into Milestone. This is done in the normal "add a device" way in the Milestone platform.

Note: A minimum of 1 output and 2 inputs are required for integration with a remote system. This will increase depending on the number of Criminal Tagging Systems installed at a site.

Milestone Express**+** or higher required.

Before installing the Milestone plug-in, the required inputs/outputs must be physically connected with the Criminal Tagging System(s).

03 MANAGEMENT SERVER PLUG-IN INSTALLATION

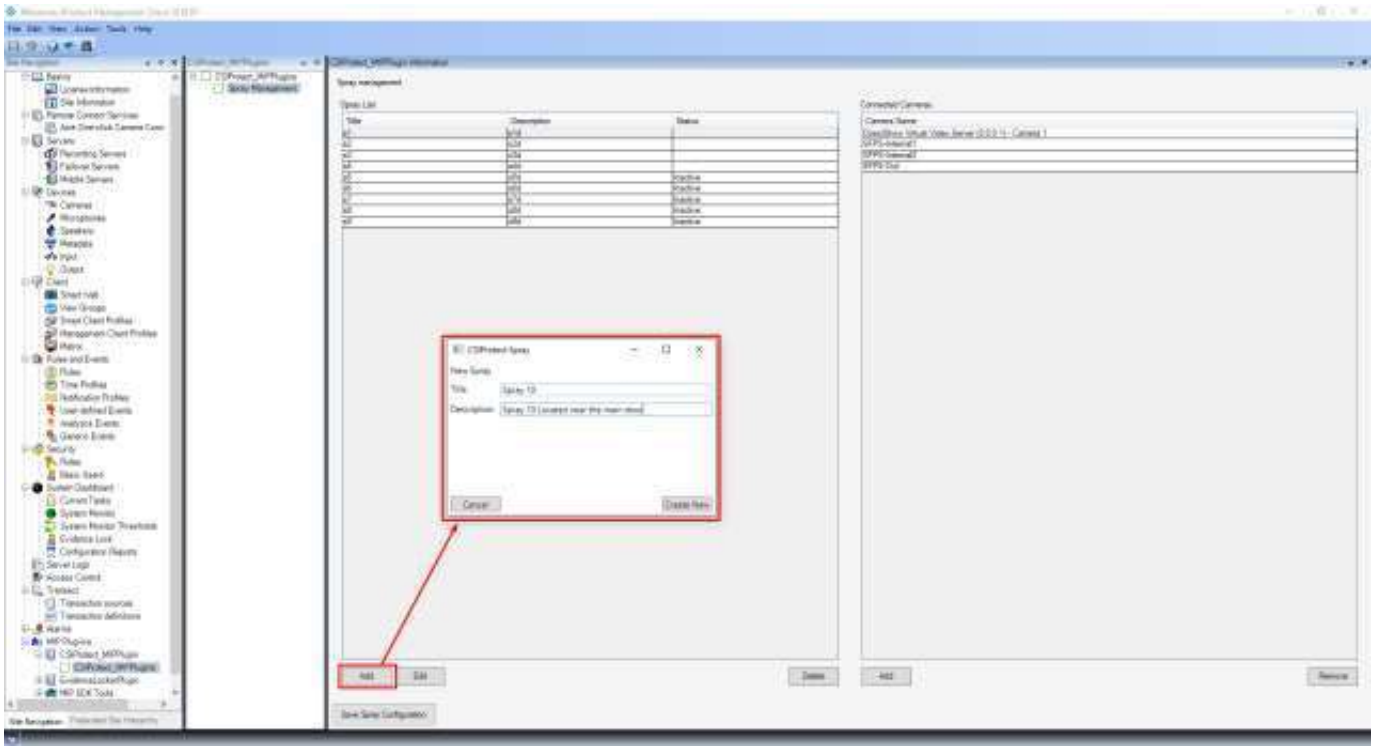
Once the I/O module is configured in Milestone, then it's time to install the plug-in onto the Milestone management server. This is done by running the "SELECTADNAMS.exe file.

The install is as simple as clicking 'Install'. Once completed, the Milestone management and event server service should be restarted from the system tray.

Reopening the Milestone Management Client will now provide an extra configuration space under "MIP PLUG-INS", which is seen in '*Image 1*' below.

Step 1. Click add and give your new spray a Title and Description of its location.

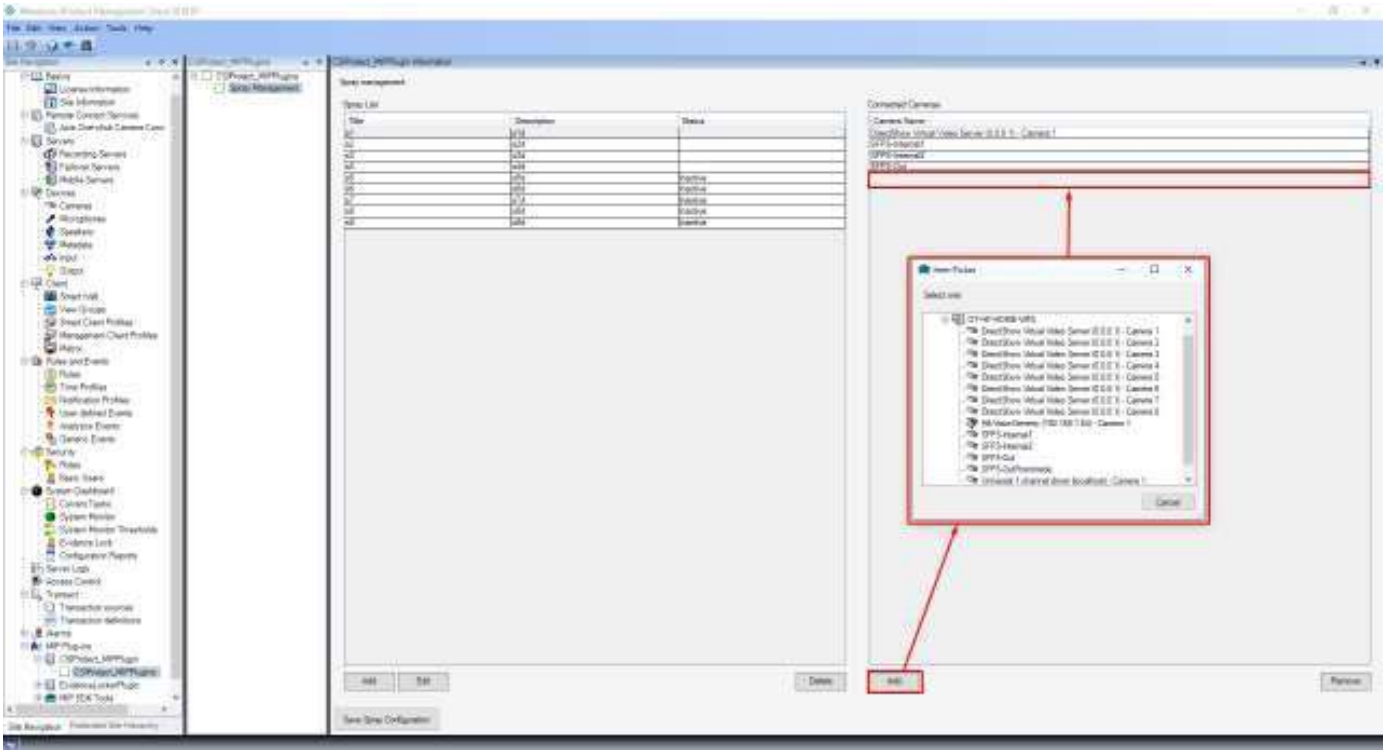
Image 1



See next page for Step 2

Step 2. Under the “Connected cameras” tab click “ADD” and then add the camera from Milestone that you want to use and associate with a Criminal Tagging System.

Image 2



04 SMART CLIENT PLUG-IN INSTALLATION

Once the management server plug-in is installed, then it’s time to install the actual plug-in onto the Milestone Smart Client PC.

Note: Each and every Smart Client PC that might need access to control the device must have the SELECTADNAMS**.**exe file installed.

The install itself is as simple as clicking ‘Install’. Once done, the Milestone Smart Client needs to be re-opened where it will remain open.

05 MILESTONE SMART CLIENT

Once installed, the Milestone Smart Client will enable the CCTV operator to observe any situation and, when necessary, remotely mark a criminal with the forensic mist via a custom Criminal Tagging System deployment virtual “button”.

This button is seen in ‘*Image 3’* (on page 6) as an overlay on the actual camera. The security operator has the ability, directly from the Milestone Smart Client, to arm and disarm the Criminal Tagging System in response to an incident.

The Criminal Tagging System can also be automatically activated via a Milestone Systems Rule. This means, based on a triggering event (such as an alarm or panic button activation), it’s possible for the rule to automatically activate the spray.

Triggered events will be logged in the Milestone event logs.

This Milestone integration allows for the Criminal Tagging System to be directly associated with recorded video footage that connects the event with an official time stamp.

Image 3