V-TATTILE XPROTECT PLUGIN USER GUIDE

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1. INTRODUCTION

1.1. Overview

V-Tattile XProtect plugin is a customizable solution, which uses Tattile Camera functionalities to be used in fully integrate-able manner.

1.2. Purpose

The purpose of this document is to provide users with knowledge concerning V-Tattile XProtect Plugin.

1.3. System Structure

The system is distributed into the following 3 components:

- System Tray
- Service
- Milestone Smart Client Plugin

Each component will be discussed in details in its respective section.







2. 51512101 1141

First, as a main application managing component, we have our system tray represented in Fig2-1 below:



This image shows the system tray various component which will be discussed in detail.

FIG. 2-1 TRAY MENU

2.1. Start Monitoring / Stop Monitoring

As figure 2-2 shows, the system tray consists of a Start Monitoring button, as well as a Stop Monitoring, these will allow the user to Start or Stop the Tattile Monitoring Service manually, which is responsible for the camera status monitor and the live LPR result gathering.

More about the service will be discussed in chapter 3.



FIG. 2-2 START/STOP MONITORING







2.2. Show Details

Show Details section, Fig. 2-3, this option will allow the user to open the Configuration Window, which allows the user to configure and manage the Tattile Monitoring Application. More will be discussed in chapter 3.



FIG. 2-3 SHOW DETAILS

2.3. Help/About

Help and about option, Fig 2-4, shows various help option for the user as well as what the system is about in case of any difficulties.

	Start Monitoring
	Stop Monitoring
	Show Details
Г	Help/About
	Restart Monitoring Server
	Exit Monitoring Server
	x ^ 🖄

FIG. 2-4 HELP/ABOUT







2.4. Restart and Exit Monitoring Server

Fig 2-5, allows the user to restart the monitoring server if needed, or exit tray application in other cases, but the service will maintain its current state.

Start Monitoring
Stop Monitoring
Show Details
Help/About
Restart Monitoring Server
Exit Monitoring Server
x ^

FIG. 2-5 RESTART/EXIT MONITORING







The service is either automatically, or manually started using <u>System Tray</u>. This service is the core running for the system, this part should be started to be able to do the monitoring in milestone. It is independent from the Tray application and the Milestone Plugin.

File Action View	Help						
	Theip						
	🗟 🚺 📷 🕨 🖩 II ID						
Services (Local)	Services (Local)	-					
	V-TattileXProtectService	Name	Description	Status	Startup Type	Log On As	-
		🆏 Virtual Disk	Provides management services for disks,		Manual	Local Syste	
	Start the service	10 Volume Shadow Conv	Manages and implements Volume Shade	Dunning	Manual	Local Syste	
		V-TattileXProtectService	V-Tattile XProtect Plugin		Automatic (D	Local Syste	
	Description:	wanecservice	mosts objects used by clients of the wallet		Iviariuai	Local System	
	V-Tattile XProtect Plugin	🧠 Windows Audio	Manages audio for Windows-based prog		Manual	Local Service	
		🧠 Windows Audio Endpoint B	Manages audio devices for the Windows		Manual	Local Syste	
		🖏 Windows Biometric Service	The Windows biometric service gives clie		Automatic (T	Local Syste	
		🧠 Windows Camera Frame Se	Enables multiple clients to access video f		Manual (Trig	Local Service	
		🧠 Windows Connection Mana	Makes automatic connect/disconnect de	Running	Automatic (T	Local Service	
		🖏 Windows Defender Networ	Helps guard against intrusion attempts t	Running	Manual	Local Service	
		Windows Defender Service	Helps protect users from malware and ot	Running	Automatic	Local Syste	
		Windows Driver Foundation	Creates and manages user-mode driver p	Running	Manual (Trig	Local Syste	
		Windows Encryption Provid	Windows Encryption Provider Host Servi		Manual (Trig	Local Service	
		Windows Error Reporting Se	Allows errors to be reported when progra		Manual (Trig	Local Syste	
		Windows Event Collector	This service manages persistent subscript		Manual	Network S	
		🖏 Windows Event Log	This service manages events and event lo	Running	Automatic	Local Service	
		A Windows Firewall	Windows Firewall helps protect your co	Running	Automatic	Local Service	
		Windows Font Cache Service	Optimizes performance of applications b	Running	Automatic	Local Service	
		Windows Image Acquisitio	Provides image acquisition services for s		Manual	Local Service	
		Windows Insider Service	wisvc		Manual	Local Syste	
		🖏 Windows Installer	Adds, modifies, and removes application	Running	Manual	Local Syste	
		Windows License Manager	Provides infrastructure support for the W	Running	Manual (Trig	Local Service	
		Windows Management Inst	Provides a common interface and object	Running	Automatic	Local Syste	
		Windows Mobile Hotspot S	Provides the ability to share a cellular dat	100 10 10 10 10 10 10 10 70	Manual (Trig	Local Service	
		Windows Modules Installer	Enables installation, modification, and re		Manual	Local Syste	
		Windows Push Notification	This service runs in session 0 and hosts t	Running	Automatic	Local Syste	
		Windows Push Notification	This service hosts Windows notification		Manual	Local Syste	
		Windows Remote Manage	Windows Remote Management (WinRM)	Running	Automatic	Network S	

FIG. 3-1 V-TATTILE SERVICE







4. TATTILE CONFIGURATION

As shown in chapter 3, the Tattile configuration can be accessed from show details.

This section consists of three main parts:

- Tattile Cameras
- Tattile Settings
- Alarm Management

In this chapter we will be discussing more about its functionality, and how to use it.

4.1. Tattile Cameras Configuration

This section, Fig 4-1, allow the user to manage cameras as follow:

\$1							×
Tatt	ile Cameras Tattile Settings Alarm Managment						
		Tattile Cameras Co	onfiguration				
0.083							
Sear	ch Search 🖸 🔂						
	Camera Name	Camera IP:Port	Camera Username	Camera Password			
	Tatlie	5.89.6.23:31094	veertec	•••••	0	÷	Ø
	Tatit2	5.89.6.23:31098	veertec	•••••	o	÷	Ø

FIG. 4-1 CONFIGURATION WINDOW







SEARCH:

This section, Fig 4-2, will allow users to search through existing cameras.

\$1					 n x
Tattile Cameras	Tattile Settings Alarm Managm	lent			
		Tattile Cameras C	onfiguration		
Search Search	C 5				
	Camera Name	Camera IP:Port	Camera Username	Camera Password	
Tatlie		5.89.6.23:31094	veertec	•••••	1
Tatit2		5.89.6.23:31098	veertec		
IGUILE					

FIG. 4-2 CAMERA SEARCH







REFRESH:

This section, Fig 4-3, this button will refresh camera statuses.

\$1					-	- (×
Tatt	le Cameras Tattile Settings Alarm Managment							
		Tattile Cameras C	onfiguration					
Sear	ch Search							
	Camera Name	Camera IP:Port	Camera Username	Camera Password				
	Tatlie	5.89.6.23:31094	veertec	•••••		8		Ø
	Tatit2	5.89.6.23:31098	veertec	•••••) 🕸	Î	ď

FIG. 4-3 RELOAD CAMERA STATUS







ADD CAMERA:

This button in Fig 4-4, will enables adding a new camera opening a new window, Fig 4-5.

\$1					1993		×
Tatt	le Cameras Tattile Settings Alarm Managment						
		Tattile Cameras C	onfiguration				
Sear	ch Search						
	Camera Name	Camera IP:Port	Camera Username	Camera Password			
	Tatlie	5.89.6.23:31094	veertec	•••••	00	3	Ø
	Tatit2	5.89.6.23:31098	veertec	•••••	00	3	ď

FIG. 4-4 ADD CAMERA BUTTON

\$P -		×
Add New Camera		
Camera Name		
IP Port		
Username Password		
Choose Corresponding		
Camera in Milestone		
· · · · · · · · · · · · · · · · · · ·	l b	

FIG. 4-5 ADD CAMERA WINDOW







In this section of adding a new camera, the user should add the camera name, its IP address and port along with the username and password, Fig 4-6. After which the user should link the camera to a corresponding camera already existing on the milestone server (Having same credentials) Fig 4-7.

ঞ				-		×				
Add New Camera										
Camera Name										
IP		Port								
Username		Password								
Choose Corresponding Camera in Milestone			ନ୍ଦ							
			K	} ⊒	5	K				

FIG. 4-6 NEW CAMERA SETTINGS

	4	vee	2r	•	milestone
S I				×	
	Add New Ca	mera			
Camera Name					
IP		Port			
Username		Password			
Choose Corresponding Camera in Milestone			ନ		
			¢	K	

FIG. 4-7 LINK CAMERA INFORMATION TO MILESTONE

After filling in all the needed information, clicking Save, shown in Fig. 4-8, will save the information and would require either a manual camera start or a service restart to enable it. Fig 4-9 shows the cancel button discard the entry.

জ				- [) X	
	Add New	Camera				
Camera Name						
IP		Port				
Username		Password				
Choose Corresponding Camera in Milestone			ନ			
			\$		×	

FIG. 4-8 SAVE CONFIGURATION

Video Engineering for Enterprise Recognition www.veertec.com

	4	vee	r	•	milestone
§ 1			.—.		
	Add New Can	nera			
Camera Name					
IP		Port			
Username		Password			
Choose Corresponding Camera in Milestone			ନ		
			÷	×	

FIG. 4-9 CANCEL ADDING CAMERA

CAMERA NAME:

Also, the camera configuration consist of a table that stores the camera with its configurations, as first item of that table it the camera name, Fig 4-10, which stores all the camera name and it's state colored in green for working or red for not working.







\$1]	×
Tatt	ile Cameras Tattile Settings Alarm Managment							
		Tattile Cameras C	onfiguration					
Sear	ch Search							
	Camera Name	Camera IP:Port	Camera Username	Camera Password				
	Tatlie	5.89.6.23:31094	veertec	•••••	U	Ð	ŵ	ď
	Tatit2	5.89.6.23:31098	veertec	•••••	U	ŵ	Î	ď
		-						

FIG. 4-10 CAMERA NAME







CAMERA IP:PORT/ USERNAME / PASSWORD :

The second column, camera IP:PORT, Fig 4-11, shows the IP Address and port of the camera configuration, the username and the password that has been set previously in add camera.

\$1						_		×
Tatt	le Cameras Tattile Settings Alarm Managment							
		Tattile Cameras Co	onfiguration					
Sear	ch Search							
	Camera Name	Camera IP:Port	Camera Username	Camera Password	1			
	Tatlie	5.89.6.23:31094	veertec	•••••		U	-	e
	Tatit2	5.89.6.23:31098	veertec	•••••		Ö	ø	î (
					4			

FIG. 4-11 CAMERA DETAILS







START/STOP BUTTON:

As for the buttons that comes with each row, those buttons allow to manage each camera, we first can see the start and stop button, Fig 4-12, this feature allow the user to select the cameras that he wishes to monitor without having to remove it and read it each time.

\$1							×
Tat	le Cameras Tattile Settings Alarm Managment						
		Tattile Cameras C	onfiguration				
Sea	ch Search C 🐯						
	Camera Name	Camera IP:Port	Camera Username	Camera Password			
	Tatlie	5.89.6.23:31094	veertec	•••••	U	ø 1	ľ
	Tatit2	5.89.6.23:31098	veertec	•••••	U	ŵ [ľ

FIG. 4-12 STOP SELECTED CAMERA MONITOR







RESTART CAMERA MONITOR:

The button restart camera monitor, Fig 4-13, this button allows the user to restart the monitoring of the camera without having to stop it then restart it each time, useful feature to assure loading of proper camera parameters.

জ				- [x c
Tattile Cameras Tattile Settings Alarm Managment					
	Tattile Cameras C	onfiguration			
Search Search 🐨					
Camera Name	Camera IP:Port	Camera Username	Camera Password		
Tatlie	5.89.6.23:31094	veertec	•••••	🗌 🖸 🕸	1
Tatit2	5.89.6.23:31098	veertec	•••••	0 Ø	1

FIG. 4-13 RESTART SELECTED CAMERA MONITOR







AUTO CONFIGURE CAMERA:

The Auto Configure camera Button, Fig 4-14, this will set the parameters on the selected camera to push the results whenever detected to the server using TCP Message, along with the image and its dimensions, confidence, vehicle brand, etc....

জ				<u>191</u> 8		×
Tattile Cameras Tattile Settings Alarm Managment						
	Tattile Cameras C	onfiguration				
Sourch Sourch						
Search Search						
Camera Name	Camera IP:Port	Camera Username	Camera Password			
Tatlie	5.89.6.23:31094	veertec	•••••		÷	ď
Tatit2	5.89.6.23:31098	veertec	•••••		÷	ď

FIG. 4-14 AUTO CONFIGURE CAMERA







DELETE CAMERA:

In case a camera unwanted anymore (removed, replaced ...), Fig 4-15, deleting the camera will remove all its respective information from the system.

\$1							×
Tatt	le Cameras Tattile Settings Alarm Managment						
		Tattile Cameras Co	onfiguration				
Sear	ch Search 🖸 🖉						
	Camera Name	Camera IP:Port	Camera Username	Camera Password			
	Tatlie	5.89.6.23:31094	veertec	•••••	0	÷	Ø
	Tatit2	5.89.6.23:31098	veertec	•••••	C D	÷	Ø

FIG. 4-15 DELETE SELECTED CAMERA







EDIT CAMERA:

The Edit camera button, Fig 4-16, this feature will allow the user to edit the camera information in the system, to change IP address, Port, credentials, or even link it to another camera on the Milestone Server.

\$1					_		×
Tatt	le Cameras Tattile Settings Alarm Managment						
		Tattile Cameras C	onfiguration				
-							
Sear	ch Search 🖸 🖸						
	Camera Name	Camera IP:Port	Camera Username	Camera Password			
	Tatlie	5.89.6.23:31094	veertec	•••••	U	÷	ø
	Tatit2	5.89.6.23:31098	veertec	•••••	U	ŵ 🗈	ď
<							

FIG. 4-16 EDIT SELECTED CAMERA







4.2. Tattile Server Settings

As for this section enables the user to configure the server parameters as per his requirements:

START/STOP/RESTART SERVER:

The top three buttons, Fig 4-17, the user can control the state of the server as to Run, Stop or Restart.

Tattile Cameras Tattile Settin	gs Alarm Managment				
Ст		Server Settings			
Plate Resolution	160x120	v	~		
Image Folder Location	D:/Vegar	Browse	~		
Retention Period	90		~		
Server IP	0.0.0.0				
Milestone Server IP	10.10.10.122				
Milestone Username	Administrator				
Milestone Password					
Milestone Login Type	Windows	v			
		~			

FIG. 4-17 MONITORING SERVER SETTINGS







PLATE RESOLUTION:

This section, Fig 4-18, offers the user choices of plate resolution to select from in order to store the plate in.

Tattile Cameras Tattile Settin	ngs Alarm Managment		
		Server Settings	
Plate Resolution	160x120	v	
Image Folder Location	D:/Vegar	Browse	~
Retention Period	90		~
C	0000		
Server IP	0.0.0.0		
Milestone Server IP	10.10.10.122		
Milestone Username	Administrator		
Milestone Password			
Milestone Login Type	Windows	v	
		~	

FIG. 4-18 MONITORING SERVER PLATE RESOLUTION







IMAGE FOLDER LOCATION:

In this section, Fig 4-19, the user can set the location which he wishes to have the plates saved. In case the image were to be seen on different machines, it is advised to create a shared directory and set it as the destination folder; where all users have proper permission to access it.

Tattile Cameras Tattile Settin	gs Alarm Managment
Vit.	Server Settings
Plate Resolution	160x120 · ·
Image Folder Location	D:/Vegar Browse
Retention Period	90
Server IP	0.0.0
Milestone Server IP	10.10.122
Milestone Username	Administrator
Milestone Password	
Milestone Login Type	Windows
	~

FIG. 4-19 MONITORING SERVER SAVE IMAGE LOCATION







RETENTION PERIOD:

This feature, Fig 4-20, permits the user to set the lifespan of the data saved, in order to delete it automatically. Next to the Retention settings, is an Apply Now button which notifies the system to clear all the data older than the retention period allows immediately.

Note: the retention period value is in Days.

Tattile Cameras Tattile Settin	gs Alarm Managment				
	Serv	er Settings			
Plate Resolution	160x120	v	~		
Image Folder Location	D:/Vegar	Browse	~		
Retention Period	90				
Server IP	0.0.0.0				
Milestone Server IP	10.10.10.122				
Milestone Username	Administrator				
Milestone Password	•••••				
Milestone Login Type	Windows	~			
		~			

FIG. 4-20 MONITORING SERVER RETENTION PERIOD







SERVER IP:

This box, Fig 4-21, will needs to contain the server IP, on which the service is running, from the user.

Tattile Cameras Tattile Settir	gs Alarm Managment
	Server Settings
Plate Resolution	160x120 · ·
Image Folder Location	D:/Vegar Browse 🗸
Retention Period	
Server IP	0.0.0
Milestone Server IP	10.10.122
Milestone Username	Administrator
Milestone Password	
Milestone Login Type	Windows ~
	~

FIG. 4-21 MONITORING SERVER LOCAL IP







MILESTONE CONFIGURATIONS:

The remaining settings, Fig 4-22, consist of pure milestone connection configuration:

- Milestone Server IP
- Milestone Username
- Milestone Password
- Milestone Login Type

These settings will allow the server to connect with the milestone server, also with a validation button at the top of the login type.

Tattile Cameras Tattile Settin	Igs Alarm Managment
	Server Settings
Plate Resolution	160x120 ~ 🗸
Image Folder Location	D:/Vegar Browse 🗸
Retention Period	90
Server IP	0.0.0
Milestone Server IP	10.10.122
Milestone Username	Administrator
Milestone Password	
Milestone Login Type	Windows

FIG. 4-22 CONNECTED MILESTONE CREDENTIALS







4.3. Alarm Management

In Fig 4-23, there is an overall view of all the Alarm Types and Watch Lists in the system.

Tattile Cameras Tattile Settings	Alarm Managment				
\Lambda Alert Type : ————					
				Alert Typ	es :
Nama		Is Active		AlertName1	
Name :				AlertName2	
				TatlieAlerts	
Custom Message :		Add			
				Remov	
Alart					
	AlestName1				
Name	Alertivamen	Add Alert	Kemove		Search
	Detected Text		Is Active	Alert Type	Date Added
CR019PN			True	TatlieAlerts	4/4/2019 5:33 PM

FIG. 4-23 MONITORING SERVER ALARM MANAGER







ALARM TYPE:

This part of the alarm management, is to add a new alarm type, and a section to see and remove the alarm.

First to add an alarm type, Fig 4-24, the user should input the name (unique) of the alarm type, check if it's active alert or not, and input a custom message to be displayed in Milestone Alarm Manager, then add it to the list of alert type so the user can select it.



FIG. 4-24 ALARM TYPE CONFIGURATION

Section shown in, Fig 4-25, there is a section on the right of add alert that allows you to check the types, select the alerts that needs to be removed from the list and remove them using the remove button.

	veel	r	milestone		
Tattile Cameras Tattile Settings Alarn	n Managment				
- 📀 Alert Type : ———————————————————————————————————				Alart Tur	er :
Name :		Is Active		AlertName1 AlertName2 TatlieAlerts	G,
Custom Message :		Add		Remov	e
Alert :					
Name	AlertName1	× Add Alert	Remove		Search
	Detected Text		Is Active	Alert Type	Date Added
CR019PN			True	TatlieAlerts	4/4/2019 5:33 PM

FIG. 4-25 LIST OF ALARM TYPES







ALERT:

In this section, the user has two parts of the feature. First the user can input a plate to add it or remove it from the watchlist, also the user has an option to search for a specific plate added previously in the table.

First, Fig 4-26, the user has to input the Plate to be on the look for, then choose an alarm type from the added types seen in the section of **Alarm Types** above, then the user has a choice between adding the input alert(if not previously added), or remove the alert(if it exists in the table).

Tattile Cameras Tattile Settings	larm Managment				
🔿 Alert Type : —————					
Name :	-	ls Active		Alert Type AlertName1 AlertName2 TatlieAlerts	25 :
Custom Message :		Add		Remove	2
A1-+-					
Name	AlertName1 ~	Add Alert	Remove		Search
	Detected Text		Is Active	Alert Type	Date Added
CR019PN			True	TatlieAlerts	4/4/2019 5:33 PM

FIG. 4-26 ADD PLATE TO WATCH LIST ALARM







Fig 4-7, the user can filter the watch list based on a keyword typed in the search field.

Tattile Cameras	Tattile Settings	Alarm Managment						
🔿 Alert Type :								
							Alert Types	:
Name :			📃 ls /	Active		AlertName1		
						AlertName2		
						latlieAlerts		
Custom Message :				Add				
2.00	10						Remove	e de de
- Alert :								
Name		AlertName	1 v	Add Alert	Remove			Search
		Detected Text			Is Active	Alert	Туре	Date Added
CR019PN					True	TatlieAlerts		4/4/2019 5:33 PM

FIG. 4-27 SEARCH EXISTING PLATES IN WATCH LIST







ALERT TABLE:

A grid showing all the plate added to the watchlist based on Alarm Type, Fig 4-28 shows the list of watch listed, with the following information:

- Detected Text
- Is Active
- Alert Type
- Date Added

Note: in order to edit, double click on a Row and it will be automatically switched to edit mode in the Client.

Tattile Cameras	Tattile Settings	Alarm Managment				
🔿 Alert Type :						
					Alert Typ	es :
Name :			Is Active		AlertName1	
					AlertName2	
					TatlieAlerts	
Curtom Merrage			Add			
custom message.	10		Add		Ramou	
					Keniov	
Alert :						
Name		AlertName1	Add Alert	Remove		Search
1		Detected Text		Is Active	Alert Type	Date Added
CD010DN					Talia Alasta	A/A/2010 5-22 DM
Скотэри				Irue	latileAlerts	4/4/2019 5:55 PW

FIG. 4-28 ACTIVE WATCH LIST PLATES







5. MILESTONE PLUGIN

As for the Milestone Plugin section, it consists of 2 main parts. The live view interface and the History (data collected) view.

5.1. Live View

Fig 5-1, displays the V-Tattile Plugin in the Smart Client live view with 2 separate data streams.



FIG. 5-1 SMART CLIENT PLUGIN VIEW

In order to activate the plugin, the user logging in to Milestone should have enough permissions to use the Setup functionality. After Logging in to Smart Client, and choosing the view where the plugin should load.







Milestone XProtect Smart Client				3.	/28/2019 8:38:36 PM 🗕 🗗 🗙
Live Playback Sequence Explor	rer History				+ 0 1 ×
XProtect <	New View (2 x 2) 🔹 🦌				Setup
Views A	Camera1	Full Frame Details 🔀	Camera2		Full Frame Details 🔀
Search views and cameras Q 😒		1835EY75-FRA			1835EY75-FRA
Admin					
🔺 🛅 Private		1835 EY 75			1835 EY 75
New Group		No Insage Available			No Image Availation
III 1 x 1					L CEDIIORNATA
New View (1 x 1)	Tem Picker – L X	CAUGHAIR	LOT CV 75	CR-019PN	Charlen
Bull New View (2 x 2)	Select one:	CR 019PN -	1835 ET 75		CR-019PN
107 117 / X 🖬 Illa	10.10.122 Compress Compress	The International States			No Image Available
Shortcut: Set	VAS Mietone 14				
System Overview	■ V Cameras	1839ET/5-FHA			1830ET/5-FRA
Ø Alarms	Camera 2	U1835 EY 75			B1835 57 75
As-milestone14		Yolin Descapes			No Image
4 Im veer					
V-TATTILE XProtect		CR019PN+ITA	28/03/2019 19:12:44,367		CR019PN-ITA
Carnusel					
Hotspot		Camera 1			Camera2
ITTML Page					
💷 Image					
IST Map					
E Inst					
Overlay Buttons					
 A Camera 					
► 巻 Device					
Properties					

FIG. 5-2 SMART CLIENT CONFIGURE

Then, after switching to Setup Mode, he should drag and drop **V-TATTILE XProtect** found under the name **Veer**, Fig 5-3 tab will appear, click on it and a view with the analytics will appear, Fig 5-4.



FIG. 5-3 SMART CLIENT ACTIVATING PLUGIN







Milestone XProtect Smart Client				3/28/2019 8:38:36 PM 🗕 🔍 🗙
Live Playback Sequence Explo	rer History			◆ @ Ÿ ヾ
XProtect <	New View (2 x 2) 👻 🐪			Setup
III Views	Camera1	Full Frame Details 🗙	Camera2	Full Frame Details 🗙
Search views and cameras Q 🔊		1835EY75-FRA		1835EY75-FRA
▶ Teer Admin		and the second		The second se
Private		1835 EY 75 -		1835 EY 75 -
▲ The New Group		No Illusge Available		No Traga Availatio
III New View (1 x 1)	💼 Item Picker - 🗆 🗙	CR019PN-ITA		CR019PN-ITA
Kill New View (2 x 2)	Select one	The second se	1835 EY 75	
lie 111 🖌 🗙 🖷 🛍	a 1 10 10 122	CR 019PN -		CR-019PN -
Shortcut: Set	Camera Groups Vision 14	100 Tanage Available		She Tanaga Aveitable
System Overview	Al Cameras	1835EY75-FRA		1835EY75-FRA
k 🖸 Alarma	verve Comera2	Concerned and		Second States
All VAS-MILESTONE14		1835 EY /5		11835 EV 751 -
4 🚥 veer		Available		AN UNITARY.
V-TATTILE XProtect		CR019PN-ITA	28/03/2019 19:12: 11 ,367	CR019PN-ITA
Camera Navigator				
Hotspot		Camera 1		Carrera2
C HTML Page	- Concer J			
🖾 Image				
USI Map				
E Text				
Overlay Buttons				
Application				
 A Camera 				
► +1+ PTZ				
+ & Device				
Properties				

FIG. 5-4 SMART CLIENT LIVE VIEW

As for the Live View plugin consists of 2 parts. First part is the live streaming shown in Fig 5-5.



FIG. 5-5 SMART CLIENT PLUGIN DETAILS

And shown in Fig 5-6, the live results for the live stream, it will show the full frame of the plate in a column, a details in the second column, containing the full plate number as detected.



FIG. 5-6 SMART CLIENT LIVE RESULTS DETAILS







5.2. History View

V-Tattile Plugin contains a history view section, Fig 5-7, which is divided into 2 parts:

- The filters
- The Data

Milestor	e XProtect Smart Cl	ient						3/29	/2019 10:57:25 AM 🗕 🗗 🗙
Live	Playback	Sequence Explorer History							◆ 0 f ×
									8
From		Thursday, March 28, 2019 10:57:18 AM 🗢 🗸	Text	Country	All	Color	AI 🗸	Vehicle Class	ALL 🔻
		Friday, March 29, 2019 10:57:18 AM 🔹 🗸	Brand	State	All	 Vehicle Color 	ALL 👻	Camera	
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
	1835EY75	Tatit2	3/29/2019 10:55.04 AM	FRA		RED	Mercedes	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:55:03 AM	ITA		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:55:02 AM	ITA		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatit2	3/29/2019 10:55:02 AM	FRA		NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:55:00 AM	ПА		NA	Lancia	CAR	CR-019PN
	CR019PN	Tatle	3/29/2019 10:54:57 AM	ПА		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatil2	3/29/2019 10:54:54 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:53 AM	ПА		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ПА		NA	vw	CAR	CR 019PN
	1835EY75	Tatle	3/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatil2	3/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:54:48 AM	ITA		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	ПА		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:44 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatrt2	3/29/2019 10:54:43 AM	ПА		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	ITA		NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatle	3/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Records	•	Total Court 406					S) (a (a)	Page 1/9

FIG. 5-7 SMART CLIENT HISTORY

THE FILTERS:

First there are the time range filters, which select the results only between the selected dates, Fig 5-8.





Live	Playback	Sequence Explorer History											+ 0	۴ ~
			_											
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text		Country	All	-	Color	Al	-	Vehicle Class	ALL		-
TAI		Friday, March 29, 2019 10:57:18 AM 🔷 🗸	Brand		State	All	•	Vehicle Color	ALL	-	Camera			
1000	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Bra	nd	Vehicle Class	R	rame	-
	1835EY75	Tatit2		3/29/2019 10:55:04 AM	FRA			RED	Mercedes		HEAVY TRUCK	1835	E	13
	CR019PN	Tatit2		3/29/2019 10:55:03 AM	ПА			NA	Mercedes		CAR	CR-0	19	PN
٥	CR019PN	Tatlie		3/29/2019 10:55:02 AM	ITA			NA	Toyota		CAR	CR O	19	PN
	1835EY75	Tatit2		3/29/2019 10:55:02 AM	FRA			NA	Alfa Romeo		CAR	1835	EY	75
	1835EY75	Tatie		3/29/2019 10:55:01 AM	FRA			RED	NA		CAR	1835	EY	75
	CR019PN	Tatil2		3/29/2019 10:55:00 AM	ПА			NA	Lancia		CAR	CR-0	19	PN
	CR019PN	Tatlie		3/29/2019 10:54:57 AM	ПА			RED	DAF		HEAVY TRUCK	CRO	19	PN
	1835EY75	Tatlie		3/29/2019 10:54:56 AM	FRA			RED	NA		CAR	1835	EY	75
	1835EY75	Tatit2		3/29/2019 10:54:54 AM	FRA			RED	Alfa Romeo		CAR	1835	EY	75
	CR019PN	Tatr2		3/29/2019 10:54:53 AM	ITA			NA	Mercedes		CAR	CR-0	19	PN
	CR019PN	Tatlie		3/29/2019 10:54:52 AM	ITA			NA	vw		CAR	CR 0	19	PN
	1835EY75	Tatlie		3/29/2019 10:54:51 AM	FRA			RED	Land Rover		CAR	1835	EY	75
	1835EY75	Tatit2		3/29/2019 10:54:49 AM	FRA			RED	DAF		HEAVY TRUCK	1835	EY	75
	CR019PN	Tatil2		3/29/2019 10:54:48 AM	ITA			NA	Fiat		CAR	CR-0	19	PN
	CR019PN	Tatlie		3/29/2019 10:54:47 AM	ΠΑ			NA	Toyota		CAR	CR O	19	ΡN
	1835EY75	Tatlie		3/29/2019 10:54:46 AM	FRA			RED	vw		CAR	1835	EY	75
	1835EY75	Tatit2		3/29/2019 10:54:44 AM	FRA			RED	Alfa Romeo		CAR	1835	EY	75
	CR019PN	Tatit2		3/29/2019 10:54:43 AM	ITA			NA	vw		CAR	CR-0	19	PN
	CR019PN	Tatlie		3/29/2019 10:54:42 AM	ITA			NA	Mercedes		HEAVY TRUCK	CRO	19	PN
	1835EY75	Tatlie		3/29/2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR	1835	EY	75
50 Records	-	Total Count 406								C		Page 1/9		\odot

FIG. 5-8 HISTORY TIME PERIOD

Text and **Brand**, Fig 5-8, enable searching through the data based on the car text plate, or the car brand name.

Milesto	ne XProtect Smart Cli	ient							3/29/	2019 10:57:25 AM 🗕 🗗 🗙
Live	Playback	Sequence Explorer History								+ 0 f ~
										8
From		Thursday, March 28, 2019 10:57:18 AM 🔹 🗸	Text	Country	All	-	Color	All	✓ Vehicle Class	ALL 👻
Till		Friday, March 29, 2019 10:57:18 AM 💌 🗸	Brand	State	All	-	Vehicle Color	ALL	✓ Camera	
	OCR Result	Camera Name	Date/Time	Country	Plate Colo	r	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
	1835EY75	Tatil2	3/29/2019 10:55:04	AM FRA			RED	Mercedes	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:55:03	AM ITA			NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:55:02	AM ITA			NA	Toyota	CAR	CR 019PN
	1835EY75	Tatit2	3/29/2019 10:55:02	AM FRA			NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01	AM FRA			RED	NA	CAR	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:55:00	AM ITA			NA	Lancia	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:57	AM ITA			RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56	AM FRA			RED	NA	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:54	AM FRA			RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:53	AM ITA			NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatke	3/29/2019 10:54:52	AM ITA			NA	vw	CAR	CR 019PN
•	1835EY75	Tatlie	3/29/2019 10:54:51	AM FRA			RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatil2	3/29/2019 10:54:49	AM FRA			RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:54:48	AM ITA			NA	Fiat	CAR	<u>CR-019PN</u>
	CR019PN	Tatlie	3/29/2019 10:54:47	AM ITA			NA	Toyota	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:46	AM FRA			RED	vw	CAR	1835 EY 75
	1835EY75	Tatil2	3/29/2019 10:54:44	AM FRA			RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:43	AM ITA			NA	vw	CAR	<u>CR-019PN</u>
	CR019PN	Tatlie	3/29/2019 10:54:42	AM ITA			NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:41	AM FRA			RED	Mitsubishi	CAR	1835 EY 75
50 Records	-	Total Count 406						Ģ		Page 1/9

FIG. 5-9 HISTORY FILTERS





More filtering options such as Plate Country of Origin, or Plate State, or Plate Color ... shown in Fig 5-10.

Milesto	ne XProtect Smart C	Dient						3/29/	/2019 10:57:25 AM 🗕 🗗 🗙
Live	Playback	Sequence Explorer History							◆ 9 † v
									8
From		Thursday, March 28, 2019 10:57:18 AM 💌 🕶	Text	Country	Al	- Color	All	Vehicle Class	ALL
тан		Friday, March 29, 2019 10:57:18 AM 🔷 🗸	Brand	State	Al	 Vehicle Color 	ALL 👻	Camera	
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
	1835EY75	Tatit2	3/29/2019 10:55:04 AM	FRA		RED	Mercedes	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:55:03 AM	ΠΑ		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10.55.02 AM	ПА		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatit2	3/29/2019 10:55:02 AM	FRA		NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75
•	CR019PN	Tatil2	3/29/2019 10:55:00 AM	ITA		NA	Lancia	CAR	<u> CR-019PN</u>
	CR019PN	Tatlie	3/29/2019 10:54:57 AM	ПА		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatii2	3/29/2019 10:54:54 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatıt2	3/29/2019 10:54:53 AM	ITA		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ITA		NA	vw	CAR	CR 019PN
•	1835EY75	Tatlie	3/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:48 AM	ITA		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	ПА		NA	Toyota	CAR	CR 019PN
•	1835EY75	Tatlie	3/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:44 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatrt2	3/29/2019 10:54:43 AM	ITA		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	ПА		NA	Mercedes	HEAVY TRUCK	CR 019PN
۵	1835EY75	Tatile	3/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Records	-	Total Count 406					Ç		Page 1/9

FIG. 5-10 HISTORY FILTERS

Milesto	ne XProtect Smart C	ient									3/2	9/2019 10:57:25 AM	– ° ×.
Live	Playback	Sequence Explorer History											+ 0 1 ×
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text		Country	All	•	Color	All	•	Vehide Class	ALL	-
Till		Friday, March 29, 2019 10:57:18 AM 💌 🗸	Brand		State	Al	•	Vehicle Color	ALL	•	Camera		
	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Bra	nd	Vehicle Class	Frai	ne
	1835EY75	Tatil2	3/2	2019 10:55:04 AM	FRA			RED	Mercedes		HEAVY TRUCK	1835	EY /5
	CR019PN	Tatrt2	3/2	2019 10:55:03 AM	ITA			NA	Mercedes		CAR	CR-0	19PN
	CR019PN	Tatlie	3/2	2019 10:55:02 AM	ΠΑ			NA	Toyota		CAR	CRO	19PN
	1835EY75	Tatit2	3/2	2019 10:55:02 AM	FRA			NA	Alfa Romeo		CAR	1835	EY 75
	1835EY75	Tatlie	3/2	9/2019 10:55:01 AM	FRA			RED	NA		CAR	1835	EY 75
	CR019PN	Tatil2	3/2	2019 10:55:00 AM	ITA			NA	Lancia		CAR	CR-0	19PN
	CR019PN	Tatlie	3/2	0/2019 10:54:57 AM	ITA			RED	DAF		HEAVY TRUCK	CRO	19PN
	1835EY75	Tatlie	3/2	2019 10:54:56 AM	FRA			RED	NA		CAR	1835	EY 75
	1835EY75	Tatit2	3/2	2019 10:54:54 AM	FRA			RED	Alfa Romeo		CAR	1835	EY 75
	CR019PN	Tatit2	3/2	9/2019 10:54:53 AM	ITA			NA	Mercedes		CAR	CR-01	19PN
	CR019PN	Tatlie	3/2	9/2019 10:54:52 AM	ITA			NA	vw		CAR	CRO	19PN
	1835EY75	Tatlie	3/2	0/2019 10:54:51 AM	FRA			RED	Land Rover		CAR	1835	EY 75
	1835EY75	Tatit2	3/2	2019 10:54:49 AM	FRA			RED	DAF		HEAVY TRUCK	1835	EY 75
	CR019PN	Tatil2	3/2	2019 10:54:48 AM	ITA			NA	Fiat		CAR	CR-0	19PN
	CR019PN	Tatlie	3/2	9/2019 10:54:47 AM	ΠΑ			NA	Toyota		CAR	CRO	19PN
	1835EY75	Tatlie	3/2	0/2019 10:54:46 AM	FRA			RED	vw		CAR	1835	EY 75
	1835EY75	Tatil2	3/2	9/2019 10:54:44 AM	FRA			RED	Alfa Romeo		CAR	1835	EY 75
	CR019PN	Tatn2	3/2	9/2019 10:54:43 AM	ПА			NA	vw		CAR	CR-0	19PN
	CR019PN	Tatlie	3/2	2019 10:54:42 AM	ITA			NA	Mercedes		HEAVY TRUCK	CRO	19PN
	1835EY75	Tatlie	3/2	2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR	1835	EY 75
50 Records		Total Count 406								S		Page 1/9	0

The user can also filter out results based on a specific camera also.

FIG. 5-11 HISTORY FILTERS

Note: All filters are applied together in an accumulative manner.

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THE DATA:

The data stored in the system, after applying the existing filters, is shown the table below, with OCR Results being the plate results captured, Fig 5-12.

Miles	tone XProtect Smart Cli	ient										3/29/2	019 10:57:25 AM	— •' ×
Live	Playback	Sequence Explorer History												• 9 9 ~
From		Thursday, March 28, 2019 10:57:18 AM 🜩 🗸	Text		Country	Al	-	Color	All	-	Vehicle Class		ALL	-
тан		Friday, March 29, 2019 10:57:18 AM 🔹 👻	Brand		State	Al	-	Vehicle Color	ALL	-	Camera			
	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Brar	nd 🛛	Vehicle Cl	ass	Fran	ne
	1835EY75	Tatil2	30	29/2019 10:55:04 AM	FRA			RED	Mercedes		HEAVY TRU	іск	1835 E	Y 75
	CR019PN	Tatit2	3/	29/2019 10:55:03 AM	ПА			NA	Mercedes		CAR		CR-01	9PN
	CR019PN	Tatlie	3/	29/2019 10:55:02 AM	ΠΑ			NA	Toyota		CAR		CRO	9PN
	1835EY75	Tatit2	3/	29/2019 10:55:02 AM	FRA			NA	Alfa Romeo		CAR		1835 E	Y 75
	1835EY75	Tatlie	3/	29/2019 10:55:01 AM	FRA			RED	NA		CAR		1835 E	Y 75
	CR019PN	Tatil2	3/	29/2019 10:55:00 AM	ΠΑ			NA	Lancia		CAR		CR-01	9PN
	CR019PN	Tatile	3/	29/2019 10:54:57 AM	ΠΑ			RED	DAF		HEAVY TRU	іск	CRO	9PN
	1835EY75	Tatlie	3/	29/2019 10:54:56 AM	FRA			RED	NA		CAR		1835 E	Y 75
	1835EY75	Tatit2	3/	29/2019 10:54:54 AM	FRA			RED	Alfa Romeo		CAR		1835 E	Y 75
	CR019PN	Tatit2	3/	29/2019 10:54:53 AM	ПА			NA	Mercedes		CAR		CR-01	9PN
	CR019PN	Tatlie	3/	29/2019 10:54:52 AM	ПА			NA	vw		CAR		CRO	9PN
	1835EY75	Tatlie	3/	29/2019 10:54:51 AM	FRA			RED	Land Rover		CAR		1835 E	Y 75
	1835EY75	Tatil2	3/	29/2019 10:54:49 AM	FRA			RED	DAF		HEAVY TRU	іск	1835 E	Y 75
	CR019PN	Tatil2	3/	29/2019 10:54:48 AM	ПА			NA	Fiat		CAR		CR-01	9PN
	CR019PN	Tatlie	3/	29/2019 10:54:47 AM	ПА			NA	Toyota		CAR		CRO	9PN
	1835EY75	Tatlie	3/	29/2019 10:54:46 AM	FRA			RED	vw		CAR		1835 E	Y 75
	1835EY75	Tatil2	3/	29/2019 10:54:44 AM	FRA			RED	Alfa Romeo		CAR		1835 E	Y 75
	CR019PN	Tatit2	3/2	29/2019 10:54:43 AM	ПА			NA	vw		CAR		CR-01	9PN
	CR019PN	Tatlie	3/	29/2019 10:54:42 AM	ПА			NA	Mercedes		HEAVY TRU	іск	CRO	9PN
	1835EY75	Tatie	3/	29/2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR		1835	Y 75
50 Recor	is •	Total Count 406								S	•	\odot	Page 1/9	0

FIG. 5-12 HISTORY PLATE RESULTS

Camera Name, Fig 5-13 this column shows the camera name that has detected the specific result.

Milesto	ne XProtect Smart Client							3/29	/2019 10:57:25 AM 🗕 🗗 🗙
Live	Playback Sequence Expl	orer History							◆ 0 f ~
From	Thursday, M	larch 28, 2019 10:57:18 AM 🗘 🗸	Text	Country	Al	- Color	AI -	Vehicle Class	ALL 🔻
Till	Friday, M	larch 29, 2019 10:57:18 AM 🚭 👻	Brand	State	Al	 Vehicle Color 	ALL 👻	Camera	
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
•	1835EY75	Tatil2	3/29/2019 10:55.04 A	M FRA		RED	Mercedes	HEAVY TRUCK	1835 ET 75
	CR019PN	Tatit2	3/29/2019 10:55:03 A	м іта		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:55:02 A	м іта		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatit2	3/29/2019 10:55:02 A	M FRA		NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01 A	M FRA		RED	NA	CAR	1835 EY 75
	CR019PN	Talil2	3/29/2019 10:55:00 A	м іта		NA	Lancia	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:57 A	м іта		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56 A	M FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:54 A	M FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatrt2	3/29/2019 10:54:53 A	м іта		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:52 A	м іта		NA	vw	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:51 A	M FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:49 A	M FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:54:48 A	м ПА		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:47 A	м іта		NA	Toyota	CAR	CR 019PN
8	1835EY75	Tatlie	3/29/2019 10:54:46 A	M FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatil2	3/29/2019 10:54:44 A	M FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatri2	3/29/2019 10:54:43 A	м іта		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:42 A	м іта		NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:41 A	M FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Records	▼ Total Count 40	6					C	• • •	Page 1/9 🕥



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www.veertec.com







Date/Time, Fig 5-14 this column shows the date and time when the plate has been captured.

Milesto	ne XProtect Smart C	lient									3/29/	2019 10:57:25 AM	- "	x
Live	Playback	Sequence Explorer History											• 0 9	· •
From		Thursday, March 28, 2019 10:57:18 AM 🗘 🗸	Text		Country	All	-	Color	All	-	Vehicle Class	ALL	-	
Till		Friday, March 29, 2019 10:57:18 AM 🔹 🗸	Brand		State	All	•	Vehicle Color	ALL	-	Camera			
	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Bran	wd	Vehicle Class	Fra	ne	
	1835EY75	Tatil2		3/29/2019 10:55:04 AM	FRA			RED	Mercedes		HEAVY TRUCK	1835	EY 7	5
	CR019PN	Tatri2		3/29/2019 10:55:03 AM	ITA			NA	Mercedes		CAR	CR-0	9 P	N
	CR019PN	Tatlie		3/29/2019 10:55:02 AM	ПА			NA	Toyota		CAR	CRO	19P	N
	1835EY75	Tatri2		3/29/2019 10:55:02 AM	FRA			NA	Alfa Romeo		CAR	1835	<u>Y</u> 7	5
	1835EY75	Tatlie		3/29/2019 10:55:01 AM	FRA			RED	NA		CAR	1835	<u>- Y 7</u>	5
	CR019PN	Tatil2		3/29/2019 10:55:00 AM	ITA			NA	Lancia		CAR	CR-0	19P	N
	CR019PN	Tatlie		3/29/2019 10:54:57 AM	ITA			RED	DAF		HEAVY TRUCK	CRO	19P	Ν
	1835EY75	Tatlie		3/29/2019 10:54:56 AM	FRA			RED	NA		CAR	1835	<u>7 7</u>	5
	1835EY75	Tatit2		3/29/2019 10:54:54 AM	FRA			RED	Alfa Romeo		CAR	1835	<u>Y 7</u>	5
	CR019PN	Tatrt2		3/29/2019 10:54:53 AM	ITA			NA	Mercedes		CAR	CR-01	9 P	N
	CR019PN	Tatlie		3/29/2019 10:54:52 AM	ITA			NA	vw		CAR	CRO	19P	Ν
	1835EY75	Tatlie		3/29/2019 10:54:51 AM	FRA			RED	Land Rover		CAR	1835	<u>Y 7</u>	5
	1835EY75	Tatit2		3/29/2019 10:54:49 AM	FRA			RED	DAF		HEAVY TRUCK	1835	<u>Y</u> 7	5
	CR019PN	Tatil2		3/29/2019 10:54:48 AM	ПА			NA	Fiat		CAR	CR-0	<u>9</u> P	N
	CR019PN	Tatlie		3/29/2019 10:54:47 AM	ITA			NA	Toyota		CAR	CRO	19P	Ν
	1835EY75	Tatlie		3/29/2019 10:54:46 AM	FRA			RED	w		CAR	1835	<u>Y 7</u>	2
	1835EY75	Tatil2		3/29/2019 10:54:44 AM	FRA			RED	Alfa Romeo		CAR	1835	<u>Y 7</u>	5
	CR019PN	Tatit2		3/29/2019 10:54:43 AM	ITA			NA	vw		CAR	CR-0	9 P	N
	CR019PN	Tatlie		3/29/2019 10:54:42 AM	ITA			NA	Mercedes		HEAVY TRUCK	CRO	19P	Ν
	1835EY75	Tatlie		3/29/2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR	1835	<u>Y 7</u>	5
50 Records	-	Total Count 406								C		Page 1/9		\odot

FIG. 5-14 HISTORY CAPTURE ON

Country, Fig 5-15, this column shows the country to which the detected plate is from.

Milesto	ne XProtect Smart Clie	ent										3/29	2019 10:57:25 AM	- •	×
Live	Playback	Sequence Explorer History												+ 0	۴ ~
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text		Country	All	-	Color	All	-	Vehicle Class		ALL		-
TRI		Friday, March 29, 2019 10:57:18 AM 👻 🗸	Brand		State	All	•	Vehicle Color	ALL	-	Camera				
	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Bra	nd	Vehicle C	lass	Fra	me	
	1835EY75	Tatil2	3/	29/2019 10:55:04 AM	FRA			RED	Mercedes		HEAVY TR	иск	1835	EY	75
	CR019PN	Tatit2	30	29/2019 10:55:03 AM	ПА			NA	Mercedes		CAR		CR-0	19	PN
	CR019PN	Tatlie	3/	9/2019 10:55:02 AM	ITA			NA	Toyota		CAR		CRO	19	PN
	1835EY75	Tatit2	3/	29/2019 10:55:02 AM	FRA			NA	Alfa Romeo		CAR		1835	EY	75
	1835EY75	Tatlie	3/	29/2019 10:55:01 AM	FRA			RED	NA		CAR		1835	EY	75
	CR019PN	Tatil2	3/2	29/2019 10:55:00 AM	ITA			NA	Lancia		CAR		CR-0	19	PN
	CR019PN	Tatile	3/2	29/2019 10:54:57 AM	ITA			RED	DAF		HEAVY TR	иск	CRO	19	PN
	1835EY75	Tatlie	3/	29/2019 10:54:56 AM	FRA			RED	NA		CAR		1835	EY	75
	1835EY75	Tatit2	3/	29/2019 10:54:54 AM	FRA			RED	Alfa Romec		CAR		1835	EY	75
	CR019PN	Tatıt2	3/	29/2019 10:54:53 AM	ITA			NA	Mercedes		CAR		CR-0	19	PN
	CR019PN	Tatlie	3/	29/2019 10:54:52 AM	ITA			NA	vw		CAR		CR O	19	PN
	1835EY75	Tatlie	3/	29/2019 10:54:51 AM	FRA			RED	Land Rover		CAR		1835	EY	75
	1835EY75	Tatit2	3/	29/2019 10:54:49 AM	FRA			RED	DAF		HEAVY TR	иск	1835	EY	75
	CR019PN	Tatil2	3/	9/2019 10:54:48 AM	ITA			NA	Fiat		CAR		CR-0	19	PN
	CR019PN	Tatlie	3/	29/2019 10:54:47 AM	ITA			NA	Toyota		CAR		CRO	19	PN
8	1835EY75	Tatlie	3/	29/2019 10:54:46 AM	FRA			RED	vw		CAR		1835	EY	75
	1835EY75	Tatil2	3/	9/2019 10:54:44 AM	FRA			RED	Alfa Romec		CAR		1835	EY	75
	CR019PN	Tatn2	30	29/2019 10:54:43 AM	ITA			NA	vw		CAR		CR-0	19	PN
	CR019PN	Tatlie	3/	9/2019 10:54:42 AM	ITA			NA	Mercedes		HEAVY TR	иск	CRO	19	PN
	1835EY75	Tatlie	3/	29/2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR		1835	EY	75
50 Records	-	Total Count 406								S		\odot	Page 1/9		\odot

FIG. 5-15 HISTORY COUNTRY







🔷 Milesto	ne XProtect Smart Cl	ient							3/29,	/2019 10:57:25 AM 🗕 🗗 🗙
Live	Playback	Sequence Explorer History								+ 0 f ∨
										×
From		Thursday, March 28, 2019 10:57:18 AM 💌 🛩	Text		Country	All	- Color	Al 👻	Vehicle Class	ALL 🔻
тан		Friday, March 29, 2019 10:57:18 AM 👻 🗸	Brand		State	All	 Vehicle Color 	ALL 👻	Camera	
	OCR Result	Camera Name		Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
	1835EY75	Tatil2	3	/29/2019 10:55:04 AM	FRA		RED	Mercedes	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatri2	3	/29/2019 10:55:03 AM	ПА		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3	/29/2019 10:55:02 AM	ITA		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatit2	3	/29/2019 10:55:02 AM	FRA		NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3	/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75
	CR019PN	Tatit2	3	/29/2019 10:55:00 AM	ITA		NA	Lancia	CAR	CR-019PN
	CR019PN	Tatlie	3	/29/2019 10:54:57 AM	ITA		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3	/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatit2	3	/29/2019 10:54:54 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3	/29/2019 10:54:53 AM	ΠΑ		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3	/29/2019 10:54:52 AM	ITA		NA	vw	CAR	CR 019PN
	1835EY75	Tatlie	3	/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatil2	3	/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3	/29/2019 10:54:48 AM	ΠΑ		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3	/29/2019 10:54:47 AM	ПА		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatlie	3	/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatit2	3	/29/2019 10:54:44 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3	/29/2019 10:54:43 AM	ITA		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3	/29/2019 10:54:42 AM	ITA		NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3	/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Records	-	Total Count 406						S		Page 1/9

Plate Color, Fig 5-16, this column shows the color of the plate.

FIG. 5-16 HISTORY PLATE COLOR

Vehicle colors/ brand/ class, Fig 5-17, are the vehicle description, it allows the user to know the car brand name, its color, and the class that the car belongs to.





Live	Playback	Sequence Explorer History															+ 6	9 9 v	
																			l
From		Thursday, March 28, 2019 10:57:18 AN	≑ v Te	ext		Country	All		•	Color	Al	_	-	Vehicle Class		ALL		-	
Till		Friday, March 29, 2019 10:57:18 AN	\$ т В	rand		State	All			Vehicle Color	ALL		-	Camera					
	OCR Result	Camera Na	ne		Date/Time	Country	F	Nate Color		Vehicle Colors	Ve	hicle Brand	,	Vehicle C	lass		rame	-	ĺ
	1835EY75	Tatit2		8	3/29/2019 10:55:04 AM	FRA				RED		Mercedes		HEAVY TR	иск	1835	EY	15	
	CR019PN	Tatit2		1	3/29/2019 10:55:03 AM	ПА				NA		Mercedes		CAR		CR-C	119	PN	
	CR019PN	Tatlie		8	3/29/2019 10:55:02 AM	ΠΑ				NA		Toyota		CAR		CRO	119	PN	
	1835EY75	Tatit2		\$	3/29/2019 10:55:02 AM	FRA				NA	,	Alfa Romeo		CAR		1835	EY	75	
	1835EY75	Tatlie		5	3/29/2019 10:55:01 AM	FRA				RED		NA		CAR		1835	EY	75	
	CR019PN	Tatil2		:	3/29/2019 10:55:00 AM	ITA				NA		Lancia		CAR		CR-C	119	PN	
	CR019PN	Tatlie		5	3/29/2019 10:54:57 AM	ΠΑ				RED		DAF		HEAVY TR	иск	CRO	19	PN	
	1835EY75	Tatlie		\$	3/29/2019 10:54:56 AM	FRA				RED		NA		CAR		1835	EY	75	
	1835EY75	Tatit2		5	3/29/2019 10:54:54 AM	FRA				RED	,	Alfa Romeo		CAR		1835	EY	75	
	CR019PN	Tatit2		\$	3/29/2019 10:54:53 AM	ITA				NA		Mercedes		CAR		CR-C	19	PN	
	CR019PN	Tatlie		5	3/29/2019 10:54:52 AM	ITA				NA		vw		CAR		CRO	119	PN	
	1835EY75	Tatlie		5	3/29/2019 10:54:51 AM	FRA				RED	L	Land Rover		CAR		1835	EY	75	
	1835EY75	Tatit2		3	3/29/2019 10:54:49 AM	FRA				RED		DAF		HEAVY TR	иск	1835	EY	75	
	CR019PN	Tatil2		5	3/29/2019 10:54:48 AM	ПА				NA		Fiat		CAR		CR-0	119	PN	
	CR019PN	Tatlie		:	3/29/2019 10:54:47 AM	ПА				NA		Toyota		CAR		CRO	119	PN	
	1835EY75	Tatlie		5	3/29/2019 10:54:46 AM	FRA				RED		vw		CAR		1835	EY	75	
	1835EY75	Tatil2		\$	3/29/2019 10:54:44 AM	FRA				RED	,	Alfa Romeo		CAR		1835	EY	75	
	CR019PN	Tatit2		1	3/29/2019 10:54:43 AM	ПА				NA		vw		CAR		CR-C	119	PN	
	CR019PN	Tatlie		3	3/29/2019 10:54:42 AM	ITA				NA		Mercedes		HEAVY TR	иск	CRO	119	PN	
	1835EY75	Tatlie		:	3/29/2019 10:54:41 AM	FRA				RED		Mitsubishi		CAR		1835	EY	75	
50 Records	-	Total Count 406											S	•	\odot	Page 1/	9	0	0

FIG. 5-17 HISTORY VEHICLE DETAILS

Frame, Fig 5-18, this final column will show the frames that has been detected with the plate, does not support filtering, this feature can be used to compare between detected filterable name and its origin.

Milesto	one XProtect Smart Cli	ient						3/29	/2019 10:57:25 AM 🗕 🖬 🗙
Live	Playback	Sequence Explorer History							★ 0 1 ~
									8
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text	Country	Al	- Color	All	 Vehicle Class 	ALL 👻
тан		Friday, March 29, 2019 10:57:18 AM 🔷 🗸	Brand	State	All	 Vehicle Color 	ALL	 Camera 	
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame
	1835EY75	Tatil2	3/29/2019 10:55.04 AM	FRA		RED	Mercedes	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatn2	3/29/2019 10:55:03 AM	ITA		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:55.02 AM	ΠΑ		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatn2	3/29/2019 10:55:02 AM	FRA		NA	Alfa Romeo	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:55:00 AM	ITA		NA	Lancia	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:57 AM	ITA		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:54 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:53 AM	ΠΑ		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ITA		NA	vw	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:54:48 AM	ITA		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	ПА		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:44 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75
	CR019PN	Tatn2	3/29/2019 10:54:43 AM	ПА		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	ITA		NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Records	s -	Total Count 406					S		Page 1/9

FIG. 5-18 HISTORY PLATE IMAGE CAPTURED

The toolbar below the table contains the number of records per page, the total number of records based on the applied filters, exporting ...

Number of Records per page, shown in Fig 5-19, allows the user to select the desired number of records to be shown in the table after the filter is applied.





Milesto	ne XProtect Smart	Client								3/29	2019 10:57:25 AM	— o' ×
Live	Playback	Sequence Explorer History										• 9 9 ×
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text	Country	All	- (Color	All	- v	shide Class	ALL	-
TAIL		Friday, March 29, 2019 10:57:18 AM 💌 🛩	Brand	State	All	- v	Vehicle Color	ALL	- c	amera		
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Ve	ehicle Colors	Vehicle Brand		/ehicle Class	Fran	ne
	1835EY75	Tatil2	3/29/2019 10:55.04 /	NM FRA			RED	Mercedes		HEAVY TRUCK	1835	EY 75
	CR019PN	Tatrl2	3/29/2019 10:55:03 /	AM ITA			NA	Mercedes		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:55.02 /	∿м пта			NA	Toyota		CAR	CRO	I 9 PN
	1835EY75	Tatit2	3/29/2019 10:55:02	M FRA			NA	Alfa Romeo		CAR	1835	Y 75
	1835EY75	Tatlle	3/29/2019 10:55:01 #	AM FRA			RED	NA		CAR	1835	<u>Y 75</u>
	CR019PN	Tatil2	3/29/2019 10:55.00 /	am ita			NA	Lancia		CAR	CR-01	9PN
	CR019PN	Tatie	3/29/2019 10:54:57	am ita			RED	DAF		IEAVY TRUCK	CRO	I9PN
	1835EY75	Tatlie	3/29/2019 10:54:56	AM FRA			RED	NA		CAR	1835	<u>Y 75</u>
	1835EY75	Tatit2	3/29/2019 10:54:54 /	AM FRA			RED	Alfa Romeo		CAR	1835	<u>Y 75</u>
	CR019PN	Tatit2	3/29/2019 10:54:53	am ita			NA	Mercedes		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:52	am ita			NA	vw		CAR	CRO	19PN
	1835EY75	Tatie	3/29/2019 10:54:51 /	AM FRA			RED	Land Rover		CAR	1835	<u>Y 75</u>
	1835EY75	Tatit2	3/29/2019 10:54:49 /	AM FRA			RED	DAF		IEAVY TRUCK	1835	Y 75
	CR019PN	Tatil2	3/29/2019 10:54:48 /	мм ПТА			NA	Fiat		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:47 /	мм Па			NA	Toyota		CAR	CRO	19PN
	1835EY75	Tatlie	3/29/2019 10:54:46 /	AM FRA			RED	vw		CAR	1835	<u>Y 75</u>
	1835EY75	Tatil2	3/29/2019 10:54:44 /	M FRA			RED	Alfa Romeo		CAR	1835	<u>Y 75</u>
	CR019PN	Tatit2	3/29/2019 10:54:43 /	am ita			NA	vw		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:42	ам іта			NA	Mercedes		HEAVY TRUCK	CRO	9PN
	1835EY75	Tatie	3/29/2019 10:54:41 /	AM FRA			RED	Mitsubishi		CAR	1835	Y 75
50 Records	•	Total Count 406							S 🗎	ی 📾	Page 1/9	\odot

FIG. 5-19 HISTORY RECORDS PER PAGE

Total Row Count, Fig 5-20 this shows the user the total amount of plate detected for filtered data overall the existing pages.

♦ Milestone XProtect Smart Gient X129/2019 10:57:23 AM = P ¹ X												
Live Playback Sequence Explorer History												
From		Thursday, March 28, 2019 10:57:18 AM 🔷 🗸	Text	Country	All	-	Color	All	-	Vehicle Class	ALL	-
тан		Friday, March 29, 2019 10:57:18 AM 🔷 🗸	Brand	State	Al	•	Vehicle Color	ALL	-	Camera		
	OCR Result	Camera Name	Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Brand		Vehicle Class	Fram	e
	1835EY75	Tatit2	3/29/2019 10:55:04 AM	I FRA			RED	Mercedes		HEAVY TRUCK	1835 E	Y 75
	CR019PN	Tatit2	3/29/2019 10:55:03 AM	I ITA			NA	Mercedes		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10.55.02 AM	ПА			NA	Toyota		CAR	CR 01	9PN
	1835EY75	Tatit2	3/29/2019 10:55:02 AM	I FRA			NA	Alfa Romeo		CAR	1835 E	Y 75
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	I FRA			RED	NA		CAR	1835 E	Y 75
	CR019PN	Tatil2	3/29/2019 10.55:00 AM	I ITA			NA	Lancia		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:57 AM	ΙΠΑ			RED	DAF		HEAVY TRUCK	CR 01	9PN
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	I FRA			RED	NA		CAR	1835 E	Y 75
	1835EY75	Tatit2	3/29/2019 10:54:54 AM	I FRA			RED	Alfa Romeo		CAR	1835 E	Y 75
	CR019PN	Tatit2	3/29/2019 10:54:53 AM	і ПА			NA	Mercedes		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ΙΠΑ			NA	vw		CAR	CR 01	9PN
	1835EY75	Tatlie	3/29/2019 10:54:51 AM	I FRA			RED	Land Rover		CAR	1835 E	<u>Y 75</u>
	1835EY75	Tatit2	3/29/2019 10:54:49 AM	I FRA			RED	DAF		HEAVY TRUCK	1835 E	Y 75
	CR019PN	Tatil2	3/29/2019 10.54:48 AM	і ПА			NA	Fiat		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	і ПА			NA	Toyota		CAR	CR 01	9PN
	1835EY75	Tatlie	3/29/2019 10:54:46 AM	I FRA			RED	vw		CAR	1835 E	Y 75
	1835EY75	Tatit2	3/29/2019 10.54.44 AM	I FRA			RED	Alfa Romeo		CAR	1835 E	Y 75
	CR019PN	Tatit2	3/29/2019 10:54:43 AM	ПА			NA	vw		CAR	CR-01	9PN
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	I ITA			NA	Mercedes		HEAVY TRUCK	CR 01	9PN
	1835EY75	Tatlie	3/29/2019 10:54:41 AM	FRA			RED	Mitsubishi		CAR	1835 E	Y 75
50 Records	-	Total Count 406							S		Page 1/9	\odot

FIG. 5-20 HISTORY TOTAL COUNT

Refresh button, Fig 5-21, this button will allow the user to refresh the data any time needed and reset the filters.





Live	Playback	Sequence Explorer History							÷ 0 9 ×
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From		Thursday, March 28, 2019 10:57:18 AM 💌 🗸	Text	Country	Al	- Color	All	 Vehicle Class 	ALL 🔻
та		Friday, March 29, 2019 10:57:18 AM 👻 👻	Brand	State	Al	Vehicle Col	or ALL	Camera	
-	1835EV75	Camera Name	Date/Time	EDA	Plate Color	Vehicle Co	lors Vehicle Bra	nd Vehicle Class	Frame 1075 EV 75
	0002110	10012	01201201310.00.04741				increases		CD 010PN
	CRU19PN	Tatit2	3/29/2019 10:55:03 AM	IIA		NA	Mercedes	CAR	LKUISPN
<u> </u>	CR019PN	Tatlie	3/29/2019 10:55:02 AM	ITA		NA	Toyota	CAR	LRUISPN
	1835EY75	Tatit2	3/29/2019 10:55:02 AM	FRA		NA	Alfa Romec	CAR	1835 EY 75
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:55:00 AM	ITA		NA	Lancia	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:57 AM	ITA		RED	DAF	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:54 AM	FRA		RED	Alfa Romec	CAR	1835 EY 75
	CR019PN	Tatit2	3/29/2019 10:54:53 AM	ITA		NA	Mercedes	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ITA		NA	vw	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75
	CR019PN	Tatil2	3/29/2019 10:54:48 AM	ITA		NA	Fiat	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	ITA		NA	Toyota	CAR	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75
	1835EY75	Tatit2	3/29/2019 10:54:44 AM	FRA		RED	Alfa Romec	CAR	1835 EY 75
	CR019PN	Tatri2	3/29/2019 10:54:43 AM	ITA		NA	vw	CAR	CR-019PN
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	ITA		NA	Mercedes	HEAVY TRUCK	CR 019PN
	1835EY75	Tatlie	3/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75
50 Record	• •	Total Count 406					[S 🖶 🖶 O	Page 1/9

FIG. 5-21 HISTORY REFRESH DATA

Export buttons, Fig 5-22, these buttons will allow the user to export filtered data to either an excel sheet or a pdf document based on his need.

NOTE: in order to export to Excel, Microsoft office should be installed on the client machine.

3/27/2019 15:72:3 AM = 0" X													
Live	Playback	Sequence Explorer History										+ 0	۴ ~
From		Thursday, March 28, 2019 10:57:18 AM 😴 🗸	Text		Country	All	-	Color	Al	✓ Vehide Class	ALL		Ŧ
		Friday, March 29, 2019 10:57:18 AM 🔷 🗸	Brand		State	All	•	Vehicle Color	ALL	- Camera			
	OCR Result	Camera Name		Date/Time	Country	Plate Color		Vehicle Colors	Vehicle Brand	Vehicle Class	Fr	me	
	1835EY75	Tatil2	3/29	2019 10:55:04 AM	FRA			RED	Mercedes	HEAVY TRUCK	1835	EY	75
	CR019PN	Tatr12	3/25	2019 10:55:03 AM	ΠΑ			NA	Mercedes	CAR	CR-0	19F	PN
	CR019PN	Tatlie	3/29	2019 10:55:02 AM	ΠΑ			NA	Toyota	CAR	CR O	19F	PN
	1835EY75	Tatit2	3/29	9/2019 10:55:02 AM	FRA			NA	Alfa Romeo	CAR	1835	EY '	75
	1835EY75	Tatie	3/25	9/2019 10:55:01 AM	FRA			RED	NA	CAR	1835	EY	75
8	CR019PN	Talii2	3/25	2019 10:55:00 AM	ITA			NA	Lancia	CAR	CR-0	19F	PN
	CR019PN	Tatlie	3/25	02019 10:54:57 AM	ITA			RED	DAF	HEAVY TRUCK	CR O	19F	PN
	1835EY75	Tatlie	3/25	02019 10:54:56 AM	FRA			RED	NA	CAR	1835	EY	75
	1835EY75	Tatit2	3/29	2019 10:54:54 AM	FRA			RED	Alfa Romeo	CAR	1835	EY	75
۰	CR019PN	Tatit2	3/25	2019 10:54:53 AM	ITA			NA	Mercedes	CAR	CR-0	19F	2N
٥	CR019PN	Tatlie	3/29	0/2019 10:54:52 AM	ITA			NA	vw	CAR	CR O	19F	PN
	1835EY75	Tatlie	3/29	2019 10:54:51 AM	FRA			RED	Land Rover	CAR	1835	EY	75
0	1835EY75	Tatil2	3/25	02019 10:54:49 AM	FRA			RED	DAF	HEAVY TRUCK	1835	EY '	75
	CR019PN	Tatil2	3/29	2019 10:54:48 AM	ITA			NA	Fiat	CAR	CR-0	19F	PN
0	CR019PN	Tatlie	3/29	92019 10:54:47 AM	ПА			NA	Toyota	CAR	CR O	19F	PN
8	1835EY75	Tatlie	3/25	0/2019 10:54:46 AM	FRA			RED	vw	CAR	1835	EY	75
٥	1835EY75	Tatit2	3/25	02019 10:54:44 AM	FRA			RED	Alfa Romeo	CAR	1835	EY	75
	CR019PN	Tatrt2	3/29	02019 10:54:43 AM	ITA			NA	vw	CAR	CR-0	19F	2N
	CR019PN	Tatlie	3/29	2019 10:54:42 AM	ITA			NA	Mercedes	HEAVY TRUCK	CR O	19F	PN
	1835EY75	Tatie	3/29	2019 10:54:41 AM	FRA			RED	Mitsubishi	CAR	1835	EY	75
50 Records	-	Total Count 406							ç) Page 1/9		\odot

FIG. 5-22 HISTORY EXPORT

Number of pages available with the ability to navigate through them is shown in Fig 5-23.

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Milestone XProtect Smart Client 3/29/2019 10:57:25 AM — D ¹ X										
Live Pizyback Sequence Explorer History										
From		Thursday, March 28, 2019 10:57:18 AM 👻 🗸	Text	Country	All	- Color	Al 🗸	Vehicle Class	ALL 🔻	
Till		Friday, March 29, 2019 10:57:18 AM 💌 🛩	Brand	State	All	 Vehicle Color 	ALL	Camera		
	OCR Result	Camera Name	Date/Time	Country	Plate Color	Vehicle Colors	Vehicle Brand	Vehicle Class	Frame	
	1835EY75	Tatit2	3/29/2019 10.55:04 AM	FRA		RED	Mercedes	HEAVY TRUCK	1835 EY 75	
	CR019PN	Tatit2	3/29/2019 10:55:03 AM	ITA		NA	Mercedes	CAR	CR-019PN	
	CR019PN	Tatlie	3/29/2019 10.55.02 AM	ПА		NA	Toyota	CAR	CR 019PN	
	1835EY75	Tatit2	3/29/2019 10:55:02 AM	FRA		NA	Alfa Romeo	CAR	1835 EY 75	
	1835EY75	Tatlie	3/29/2019 10:55:01 AM	FRA		RED	NA	CAR	1835 EY 75	
	CR019PN	Tatit2	3/29/2019 10:55:00 AM	ПА		NA	Lancia	CAR	CR-019PN	
	CR019PN	Tatlie	3/29/2019 10:54:57 AM	ПА		RED	DAF	HEAVY TRUCK	CR 019PN	
	1835EY75	Tatlie	3/29/2019 10:54:56 AM	FRA		RED	NA	CAR	1835 EY 75	
	1835EY75	Tatit2	3/29/2019 10:54:54 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75	
•	CR019PN	Tatit2	3/29/2019 10:54:53 AM	ITA		NA	Mercedes	CAR	CR-019PN	
۰	CR019PN	Tatlie	3/29/2019 10:54:52 AM	ITA		NA	vw	CAR	CR 019PN	
	1835EY75	Tatie	3/29/2019 10:54:51 AM	FRA		RED	Land Rover	CAR	1835 EY 75	
	1835EY75	Tatit2	3/29/2019 10:54:49 AM	FRA		RED	DAF	HEAVY TRUCK	1835 EY 75	
	CR019PN	Tatit2	3/29/2019 10:54:48 AM	ITA		NA	Fiat	CAR	CR-019PN	
	CR019PN	Tatlie	3/29/2019 10:54:47 AM	ПА		NA	Toyota	CAR	CR 019PN	
	1835EY75	Tatile	3/29/2019 10:54:46 AM	FRA		RED	vw	CAR	1835 EY 75	
	1835EY75	Tatit2	3/29/2019 10:54:44 AM	FRA		RED	Alfa Romeo	CAR	1835 EY 75	
	CR019PN	Tatit2	3/29/2019 10:54:43 AM	ПА		NA	vw	CAR	CR-019PN	
	CR019PN	Tatlie	3/29/2019 10:54:42 AM	ITA		NA	Mercedes	HEAVY TRUCK	CR 019PN	
	1835EY75	Tatie	3/29/2019 10:54:41 AM	FRA		RED	Mitsubishi	CAR	1835 EY 75	
50 Record	• •	Total Count 406					S	🖻 🖻 🕥	Page 1/9	

FIG. 5-23 HISTORY PAGING