STUDENT GUIDE ADDENDUM

CompleteView

SALIENT SECURITY PLATFORM - VERSION 5.5.0.31 ADDENDUM

SALIENT

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Introduction

This training addendum highlights the major changes and additions to the CompleteView VMS software with the release of version 5.5.0.31.

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CORS Whitelist

Common Settings > Security > CORS Whitelist

In addition to security certificate creation and addition, the CompleteView Management Server maintains a configurable list of approved host addresses with which various clients and Recording Servers may communicate, referred to as a Cross-Origin Resource Sharing (CORS) Whitelist. For example, if the Web Client must first communicate with a web hosting site to access the video from a deployment's Recording Servers, that web hosting site must be added to the whitelist.
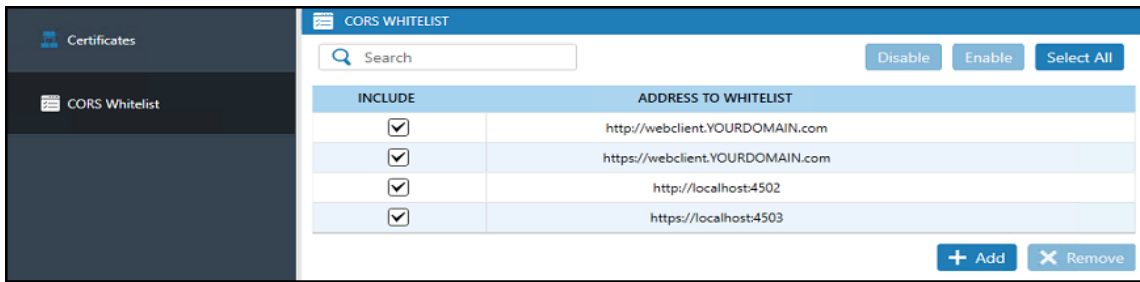
Administrators have the ability to add, remove, or update addresses to or from this list. Each entry should be in the following format:

- http://{address}[:port]
- https://{address}[:port]

Addresses may be either IPv4 or IPv6, or a hostname may be used. When a new Recording Server is added with "Auto Provision" enabled, the whitelist from the Management Server is automatically applied. When "Apply to All Servers" is selected, the Management Server applies the whitelist to all Recording Servers.

Client Preferences

Common Settings > Operations > Client Preferences

Client Preferences relates to the configuration of the names of cameras added to a ProxyCast Server and to toggling the camera ID on or off camera names. Client Preferences settings are global, applied to Desktop Clients per Windows user on a given system, and stored in the local cache (app data) folder.
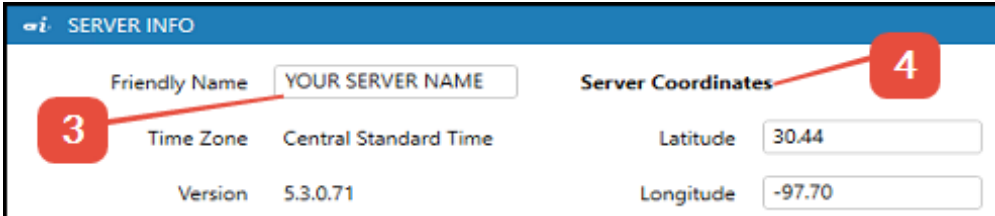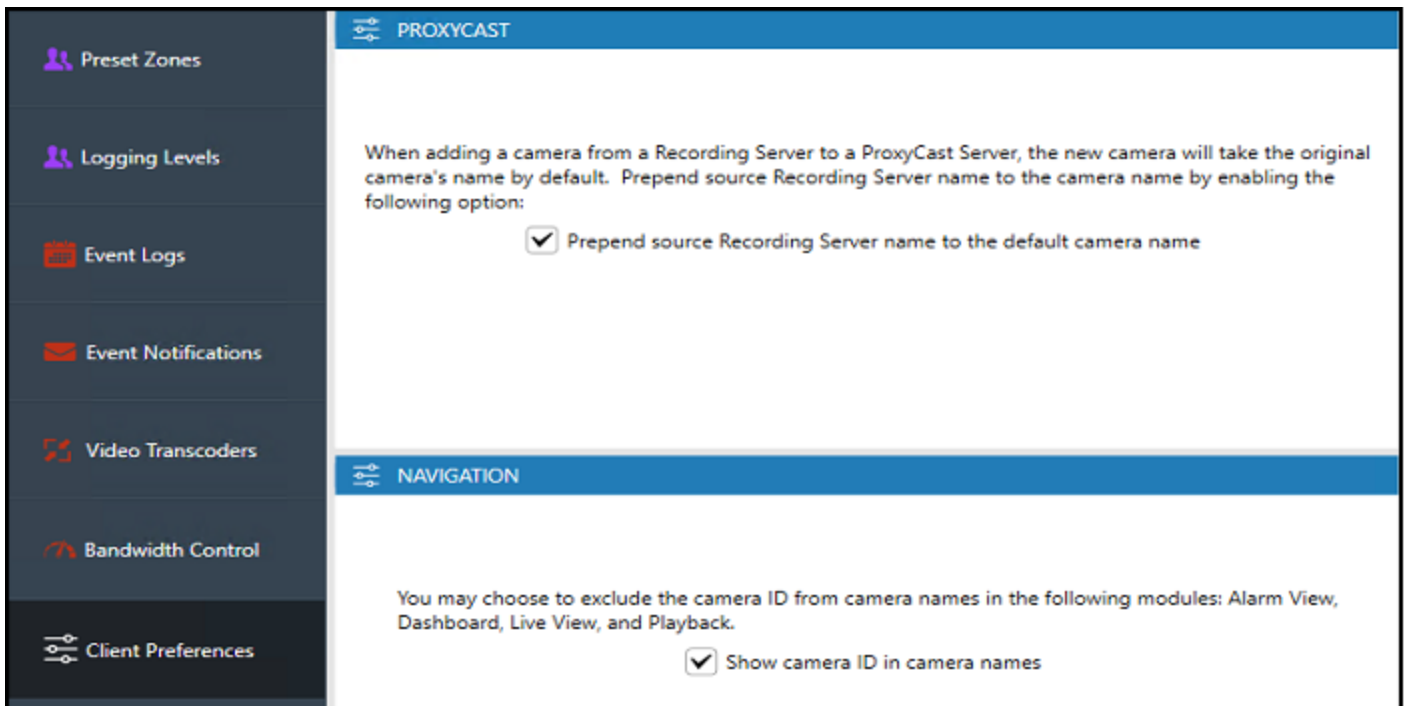
Client Preferences ProxyCast

If the box is selected, the name of the Recording Server from which the camera is being added will be prefixed to the camera's name as it appears on the ProxyCast Server. For example, if a camera residing on a Recording Server named "Headquarters" is labeled as "5-Axis 211M," the "Prepend source Recording Server name to the default camera name" box is selected, and the camera is added to a ProxyCast Server, the name of that camera would read "Headquarters 5-Axis 211M" on the ProxyCast Server. This setting is global, will be applied to all ProxyCast cameras, and is turned on by default.Client Preferences relates to the configuration of the names of cameras added to a ProxyCast Server and to toggling the camera ID on or off camera names. Client Preferences settings are global, applied to Desktop Clients per Windows user on a given system, and stored in the local cache (app data) folder.

Server Info

Server Info includes the Friendly Name, Time Zone, Recording Server Version number and Server Coordinates information. From this panel, the recording server's friendly name may be changed.

## Change the Recording Server's Friendly Name & Enter Server Coordinates

Steps:

1. Select the desired Recording Server
2. Select the Recording Server Icon from the toolbar
3. Enable Recording Server Edit Settings
4. The current name will display in Server Info
5. Type the new name over the existing server name
6. Optionally enter the Recording Server's latitude and longitude information with up to 6 decimal places precision
7. Save the configuration

PTZ Advanced Settings

Camera Panels > PTZ Panel

The Advanced Settings panel allows configuration of elements specific to analog and mechanical PTZ cameras.
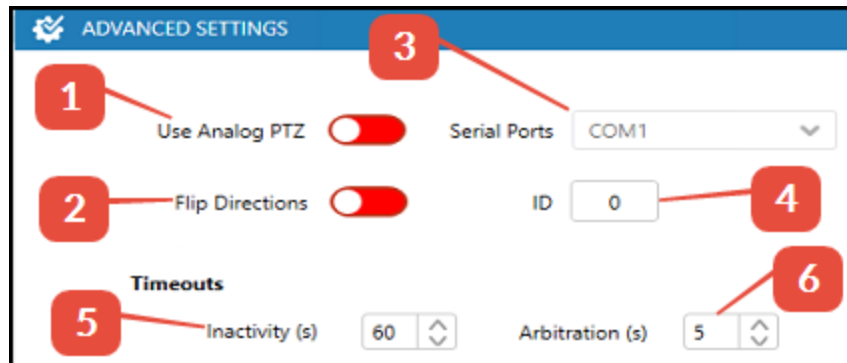
1. **Use Analog PTZ** - allows for the use of an analog PTZ driver on an IP camera. After activating, select the desired PTZ driver from the PTZ Settings pane, as described in Selecting the Correct PTZ Driver above.

2. **Flip Directions** - inverts left/right movement commands. This may apply to any PTZ camera

3. **Serial Port** - Specifies which RS-232C serial port on the recording server is used

4. **ID** - the serial bus ID of an analog camera that is attached to an analog matrix switch

5. **Inactivity (Sec)** - is the period, measured in seconds,CompleteView waits in order to detect an idle camera, if no communication has been received during the Inactivity Timeout, the camera is treated as idle. See below for a list of behaviors resulting from the idle condition

6. **Arbitration (Sec)** - specifies the back off period that expires when contention occurs between users attempting to control the same camera, see below for more information.

PTZ Inactivity

If the inactivity threshold has been reached:

1. If a preset tour is defined and active, then CV will restart the tour from the beginning

2. If a preset tour is defined but inactive (a user turned off the preset tour in the CompleteView Desktop Client), and the Return Home after Inactivity timeout has been enabled (see Auto Home below), then CV will show the Home Preset location

3. If no preset tour is defined, and the Return Home after Inactivity timeout has been enabled, thenCompleteView will show the Auto-Home Preset location

4. If neither a preset tour nor auto-home after inactivity timeout is enabled, CompleteView will do nothing

PTZ Arbitration

User access to camera PTZ controls is prioritized. The user with the highest priority always gains immediate PTZ control. When users having the same or lower priority contend for access to a camera already under user control, CompleteView initiates the Arbitration. If the Arbitration expires without any control activity from the user currently granted PTZ access, PTZ control passes to the contending user with the highest priority.

If PTZ activity occurs during the Arbitration, the timeout resets and continues to run. The arbitration timer continues to run in this manner until PTZ control passes due either to timer expiration or contention from a higher priority user.

Live View

Right Click Menu

Popup Review	Opens a popup window and plays recorded video from the selected camera for playback in increments from 30 seconds to 10 minutes	
Quick Review	Opens a popup window and plays recorded video from the selected camera for playback in increments from 30 seconds to 10 minutes	
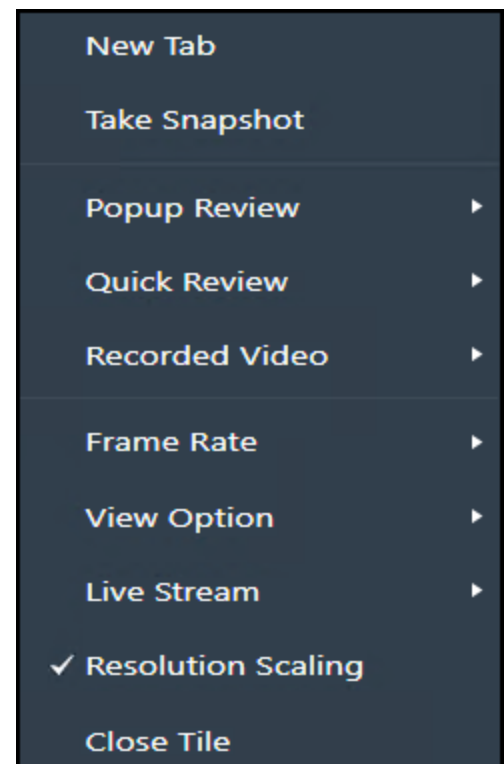
Importing and exporting .CSV List of Cameras

CompleteView has the ability to import and export groups of cameras to/from from a .csv file. For importation, the file must be formatted with 16 columns and the exact headers and data format depicted below.

Name	IP Address	Manufacturer	Model	Channel Count	Channel	User Name	Password	Compression	FPS	On-Demand	RTSP Port	Image Path	Stream Processing	DVD	DFT
Axis-3025	192.168.10.120	Axis	M3025-VE	8	1	root	pass	H264	8	No	554		Yes	Yes	Yes

Exporting All Cameras in a Deployment

Use this method to generate a .csv file that lists all cameras connected to all Recording Servers in a deployment as well as information about the various Recording Servers. **Note:** Since this list contains Recording Server information along with the camera data, it cannot be imported back into CompleteView 20/20.

Steps:

1. Select Overview under Recording Servers
2. Select the Cameras menu option
3. Select Export to CSV and save the file
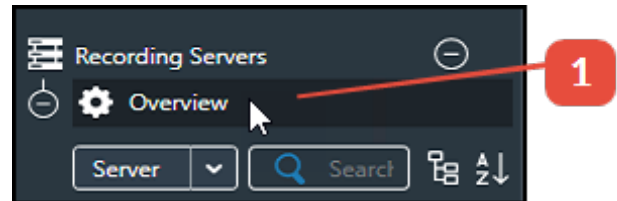
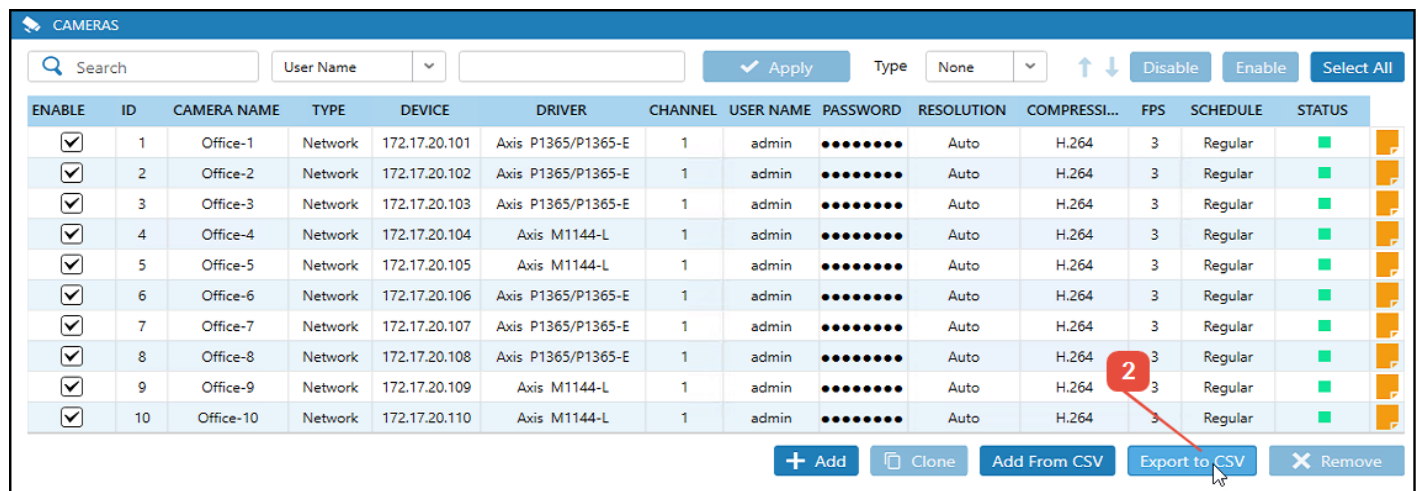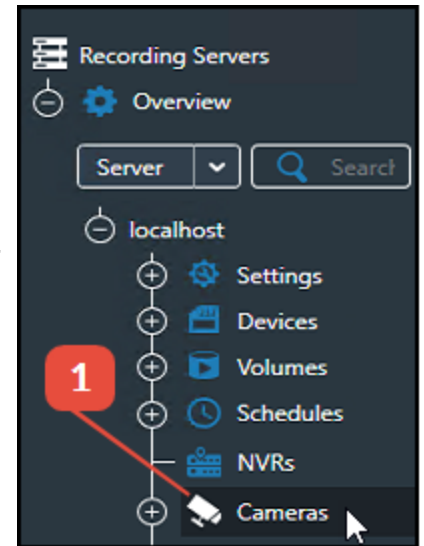| ENABLE	SERVER	ID	CAMERA NAME	TYPE	DEVICE	DRIVER	CHANNEL	USER NAME	PASSWORD	RESOLUTION	COMPRESSI...	FPS	SCHEDULE
✓	localhost	1	AXIS M3014	Network	172.18.2.64	Axis M3014	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	2	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	3	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	1	root	••••	Auto	MJPEG	5	Recording...
✓	localhost	4	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	1	root	••••	Auto	MJPEG	5	Recording...
✓	localhost	5	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	1	root	••••	Auto	MJPEG	5	Recording...
✓	localhost	6	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	1	root	••••	Auto	MJPEG	5	Recording...
✓	localhost	7	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	6	root	••••	Auto	H.264	30	Recording...
✓	localhost	8	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	7	root	••••	Auto	H.264	30	Recording...
✓	localhost	9	AXIS P3344	Network	172.18.2.45	Axis P3344/P3344VE	8	root	••••	Auto	H.264	30	Recording...
✓	localhost	10	AXIS P3353	Network	172.18.2.43	Axis P3353	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	11	AXIS P5544	Network	172.18.2.66	Axis P5544	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	12	AXIS Q1602	Network	172.18.2.55	Axis Q1602	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	13	AXIS Q1755	Network	172.18.2.62	Axis Q1755	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	14	AXIS Q1765	Network	172.18.2.42	Axis Q1615-LE MkIII	1	root	••••	Auto	H.264	30	Recording...
✓	localhost	15	AXIS Q1910	Network	172.18.2.61	Axis Q1910/1910E	1	root	••••	Auto	H.264	30	Recording...

Exporting a Single Recording Server's Cameras

Use this method to generate a .csv file listing all cameras attached to a single Recording Server. This file is valid for importation, and can be used as a backup or when setting up a new or replacement Recording Server.

Steps:

1. Select the Cameras node under a given Recording Server

2. Select Export to CSV and save the file

3. A confirmation prompt will appear asking "inlcude pasword as plain text." Select Yes if the list is to be imported into a Recording Server, and either Yes or No if the list isn't meant to be used for importation. The plain text credentials will be sent to the cameras, alleviating the need for the administrator to manually type them in.

Importing a Single Recording Server's Cameras

Select the Cameras node from the Recording Server as above, select Add from CSV and select the file. The cameras will autopopulate after the file is finished loading. Save the configuration.

GUI - Throughout

Notes

Notes is a feature located throughout CompleteView client. In any location where a notes icon is displayed, a user may add and edit comments. Select the notes icon to enter or edit text. An icon with no lines indicates no notes have been added to that item. Icons with lines contain text.
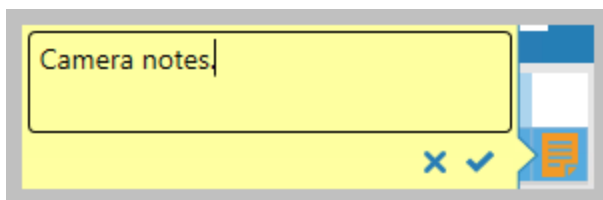
No text in note   **note contains text**

When finished, select the checkmark to save the edits to the note, or select the X to discard them. Click the module's Save button to ensure the note has been saved.

Notes follow the item to which they are attached, such as a camera. For example, if information has been added to a note for a camera in one screen, the information will be accesible in any other screen in which the camera is available and the notes icon is visible.

View Password

The feature allowing users to click on the eyeball icon to view a password has been removed for security reasons.

Additional Resources

Visit the Salient website, www.salientsys.com, for additional support and CompleteView training:

- Manuals & Documentation (https://support.salientsys.com/hc/en-us/categories/115000292747-Knowledge-Base) – Includes all relevant manuals.

- Online Tech Support (https://support.salientsys.com/hc/en-us) – Get quick access to online tech support modules that cover the most frequently asked product questions, such as "Adding IP Camera Licenses."

- CompleteView™ Classroom Certification – Instructor-led two (2)-day course, held in a virtual classroom setting, designed to provide you with certification on CompleteView video management software.

- Certification is valid for two years. Please visit the Salient student registration portal at https://salientsys.gosignmeup.com/public/course/browse. Contact training@salientsys.com for questions.

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