



# IPSecurityCenter™

BriefCam Browser Plug-in

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## 1. Introduction

This document details an overview of the BriefCam Browser Plugin and the way in which it can be embedded into your current IPSC system to allow fast and easy initiation of notifications, with additional auditing automation.

The plugin provides automatic log-in into the BriefCam system, and allows you to pick a certain page to be viewed along with some style changes to help the user focus on the specified issue.

## 2. IPSecurityCenter Versions

IPSecurityCenter Version	Supported
5.9.2+	☒

## 3. Installation

The BriefCam Browser Plugin must be installed for each IPSecurityCenter Client instance at every site.

### 3.1. Install BriefCam Browser Plugin:

- Ensure that IPSecurityCenter Client is not running. In case of it running whilst the plugin is being installed, the client needs to be restarted for the plugin capabilities to be seen.
- Run **BriefCam.BrowserPlugin.Installer.msi** and go through the installation process. (Can be found in \\tfs2017\Drop\Addons-2.1\CNL-2.1.0.61583)

The following folder is added to IPSecurityCenter folder:

- BriefCamBrowserPlugin :

This can be located under:

C:\Program Files (x86)\CNL Software\IPSecurityCenter\AddonPackages

## 4. Properties

Name	Type	Description	Default Value & Ranges
<b>Request Page</b>	CNL.IPSecurityCenter.BriefCam.Plugin.BrowserPlugin.Enums.SupportedBriefCamPage	The requested Page from BriefCam. Note, some pages require additional IDs	Cases
<b>Camera Name</b>	string	The username used for auto-login	
<b>Case ID</b>	string	The Case ID, required for (CaseViewer, CaseReport, CaseStatus, CaseScheduled)	
<b>Domain Name</b>	string	Domain Name for the BriefCam webpage.	
<b>Rule Name</b>	string	The Rule Name, will highlight the alarm in the (Rules) home rules page.	
<b>Secure Connection</b>	bool	Is the connection secure?	False
<b>Alarm Thumbnail Url</b>	string	The Alarm Thumbnail Name, will highlight affected alarm thumbnail.	
<b>Username</b>	String	Username for auto-login	
<b>Password</b>	String	Password for auto-login	

## 5. Configuring The Plugin

This section provides a guide on how to configure the plug-in in IPSC.

### 5.1.1. Create a new GUI.

Ideally, you will have one GUI per Home Page. (Currently only 2 options)

Follow the steps below to create a new GUI for Partition Status:

- From the System Configuration window, create a new Graphical User Interface (GUI)
- Rename the GUI appropriately. For example, BriefCam Viewer.

### 5.1.2. Add the Plug-in control to the GUI

1. In the toolbox, scroll down to **Plug-in Controls** section and drag and drop the BriefCam Browser Controlview item onto the Design Surface. Alternatively, double-click the BriefCam Control item. The Placeholder page will appear in the Design Surface:



2. In the Properties window on the right, select the *Dock* behavior property to *Fill*.
3. Under Behaviour, set the property values as stated:
  - Username: This is the username of the user in BriefCam system, you can get this from the Admin of our customer. For the initial Phase, this should be the same as the driver.
  - Password: This is the password of the user in BriefCam system, you can get this from the Admin of our customer. For the initial Phase, this should be the same as the driver.

**Note:** The BriefCam Plugin Control is listed in the **Plug-in Controls** palette only after you have installed the plug-in, restarted the services on the server side and restarted your Client.



## 6. Functionality

This section describes the capabilities and expected behaviour of BriefCam Browser Plugin

### 6.1. Automatic log-in

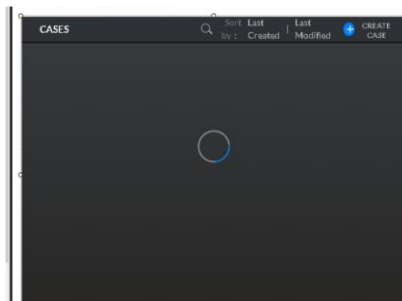
The plugin should automatically log into the BriefCam system with the configured username and password. Upon login, it should land on the configured home page.

Scenarios:

- **Successful login:** Initially, when the GUI is launched, A page will appear with a loading message at the bottom



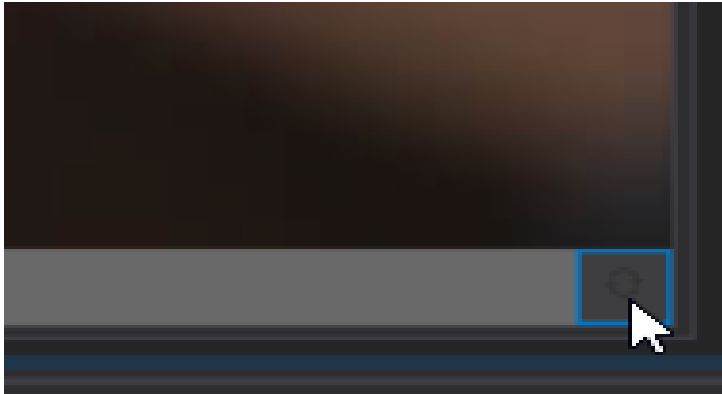
- Default Page will appear with the BriefCam Logo. Once all the properties have been implemented, the page will load.
- 



- **Unsuccessful login:** You will see a warning page, please see the Error Pages for more information.

## 6.2. Reloading

If a page is stuck, you can reload. Caution this will clear the cache.



## 6.3. Supported Pages

Here is a list of the supported pages.

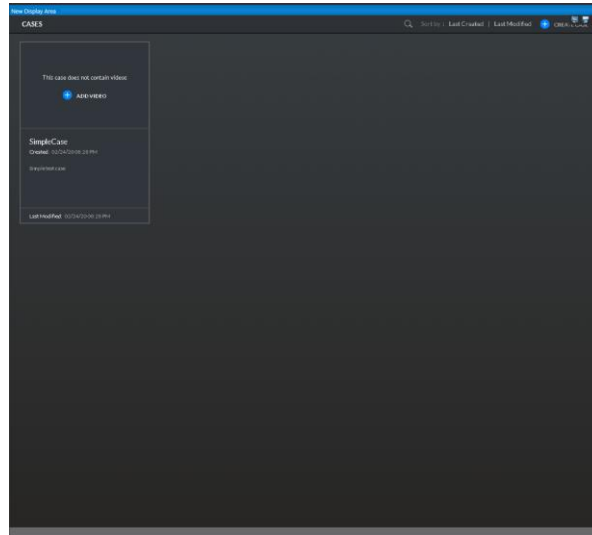
Title	Path	Relevant	Description
Cases	/review/cases	TRUE	Cases Home Page
CaseViewer	/review/cases/{0}/viewer	TRUE	Selected Case view page. Requires Case ID.
CaseReport	/review/cases/{0}/report	TRUE	Selected Case report page. Requires Case ID.
CaseStatus	/review/cases/{0}/status	TRUE	Selected Case status page. Requires Case ID.
CaseScheduled	/review/cases/{0}/scheduled	TRUE	Selected Case scheduled page. Requires Case ID.
Alerts	/respond/alerts	TRUE	Alerts Home Page. Optional AlertID.
Rules	/respond/rules	TRUE	Rules Home Page. Optional RuleName.
Watchlist	/settings/watchlist	TRUE	Watchlist Home Page
Dashboard	/research/dashboard	TRUE	Research Dashboard Page
Sources	/research/sources	TRUE	Research Sources Page
Localization	/settings/localization	FALSE	Localization Setting Page

### 6.3.1. Cases

This page sends you to the base case dashboard. You can create cases or share cases with other users.

Required Properties:

None

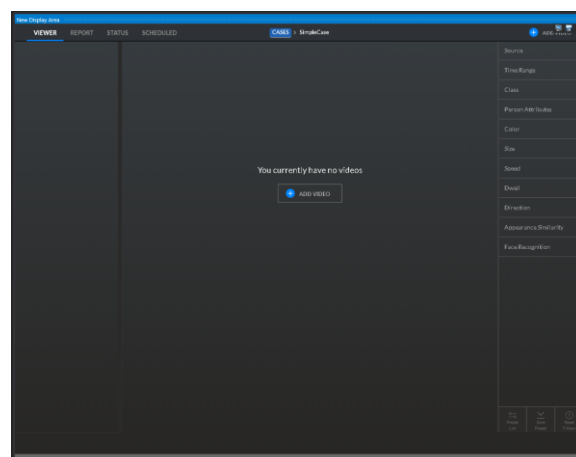


### 6.3.2. CaseViewer

This is the case viewer summarizing the case information, and will display the video clips.

Required Properties:

Case ID

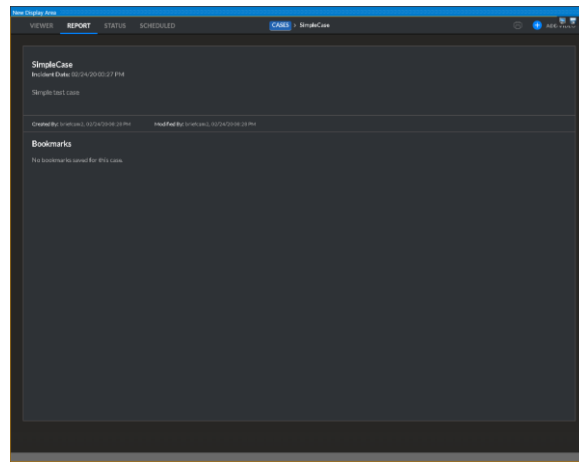


### 6.3.3. CaseReport

The case report displaying the description time and bookmarks of the case.

Required Properties:

Case ID

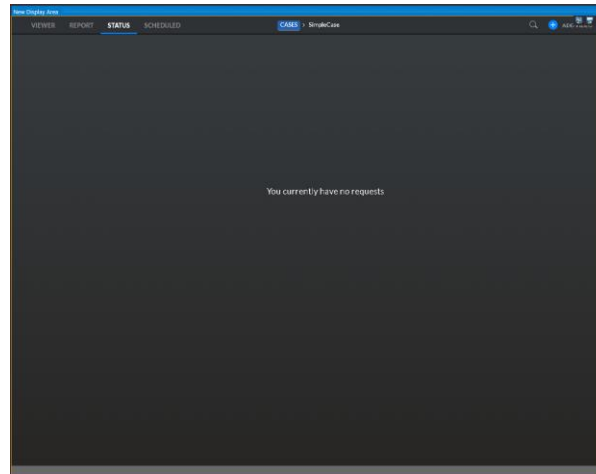


#### 6.3.4. CaseStatus

Case requests status, if there is a video that is still processing, you will see it here.

Required Properties:

Case ID

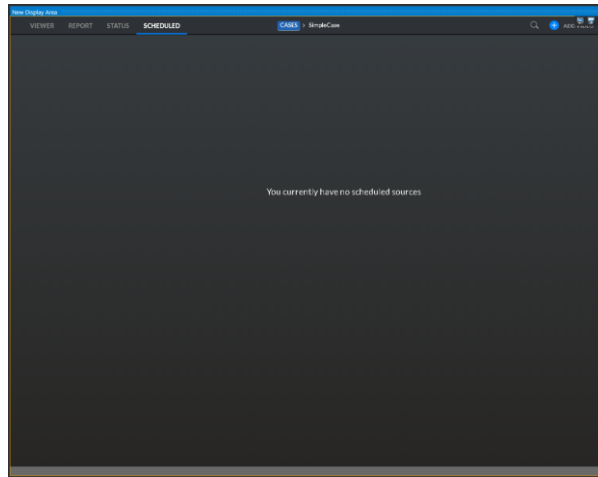


#### 6.3.5. CaseSchedule

Schedule set up for this Case.

Required Properties:

Case ID

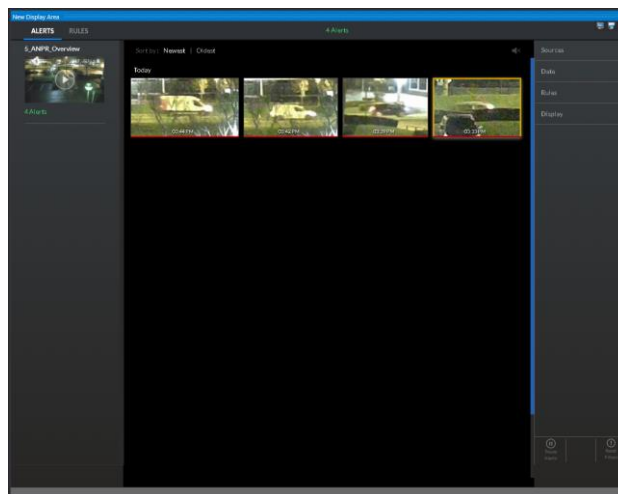


### 6.3.6. Alerts

List of the alarms, there is no alarm identifier open to third party integrations, the thumbnail URL will be use as an easy to point the received alarm.

Suggested Properties:

Alarm Thumbnail Url



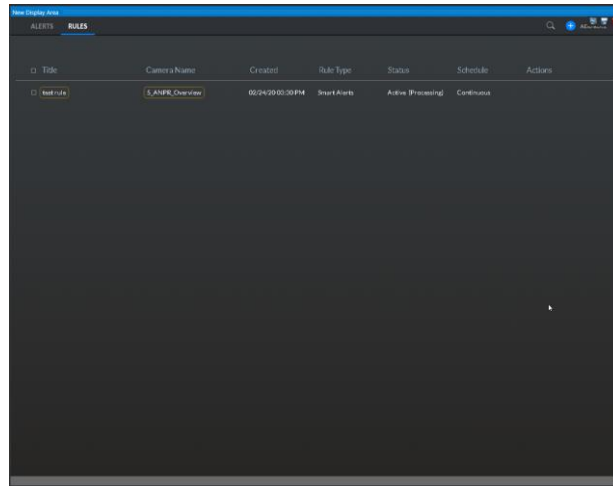
### 6.3.7. Rules

You can view all the rules and cameras. This page allows you to edit the rules.

Suggested Properties:

Camera Name

Rule Name

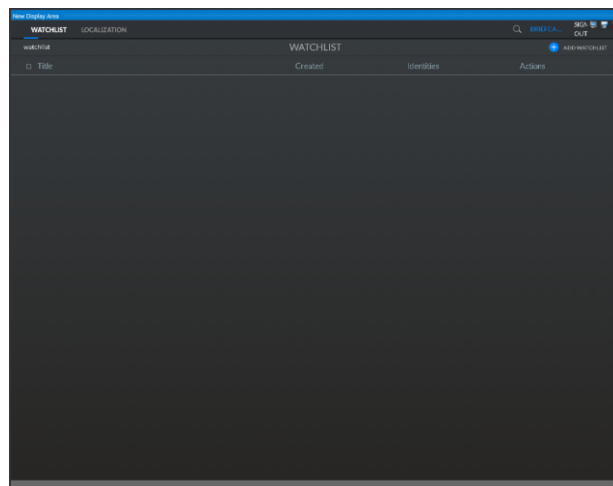


### 6.3.8. Watchlist

You can view and edit the all the watchlist items.

Required Properties:

None

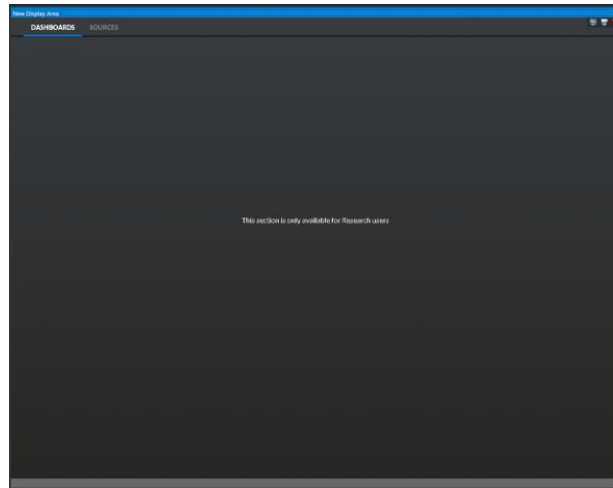


### 6.3.9. Dashboard

View the research dashboard page.

Required Properties:

None

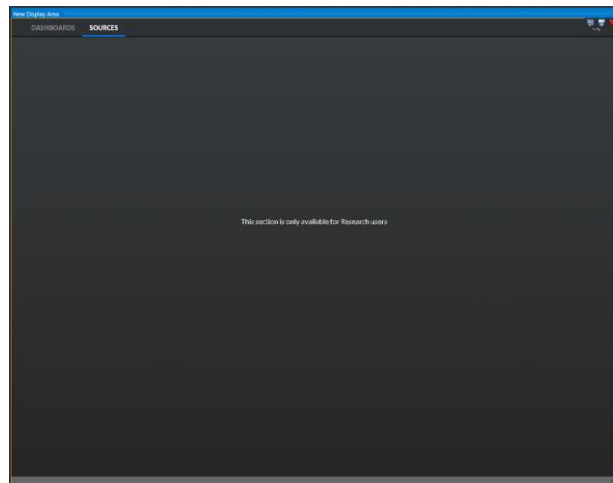


### 6.3.10. Sources

Look at the research sources

Required Properties:

None

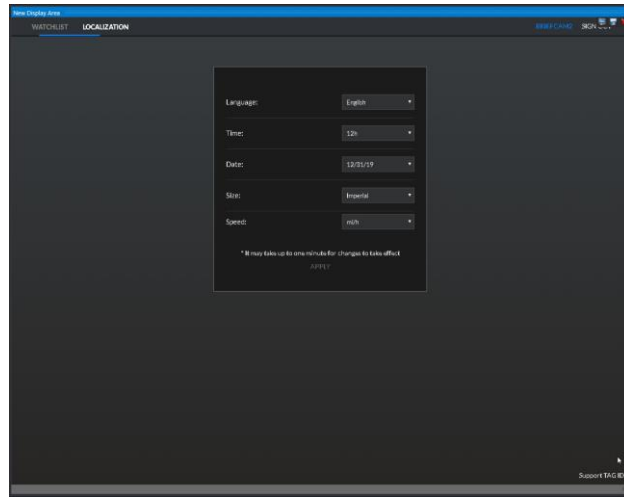


### 6.3.11. Localization

User Settings page.

Required Properties:

None



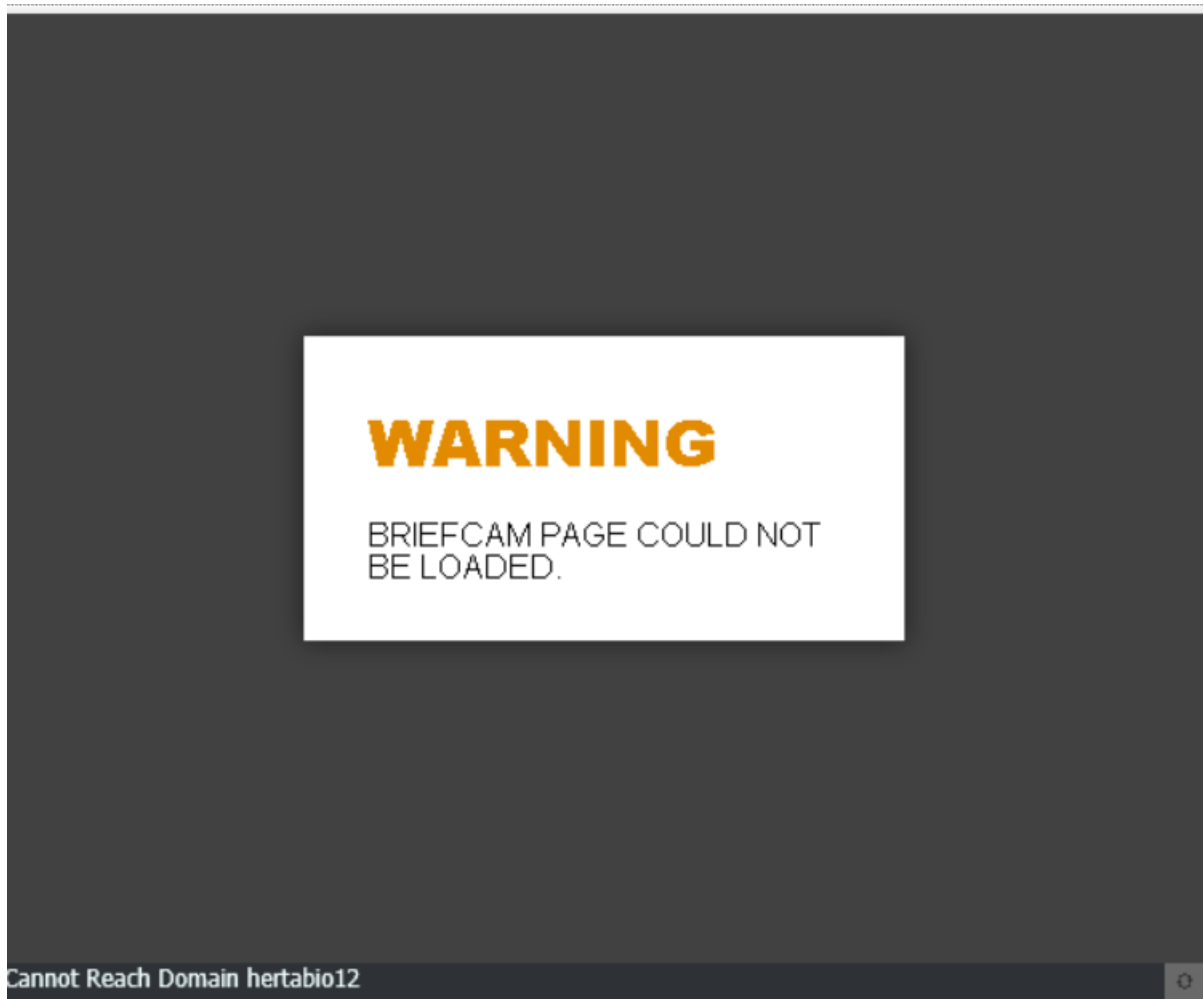


## 6.4. Error Pages

If there is an error with the page, then a warning window will display. At the same time, an error message will appear at the bottom of the GUI.

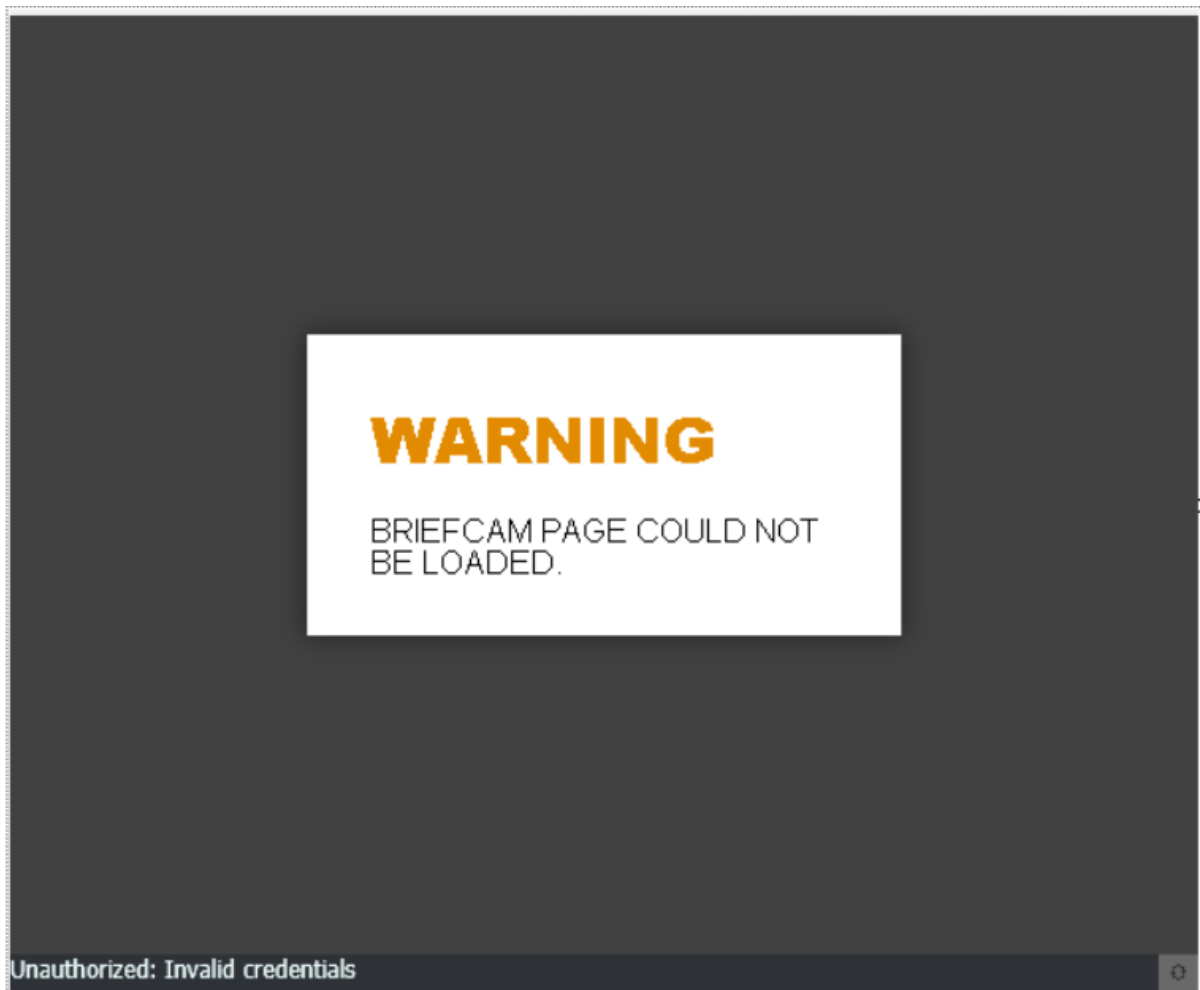
### 6.4.1. Domain Not Found

This window appears if the domain is not pingable. Please use CMD to confirm the client can reach the BriefCam domain.



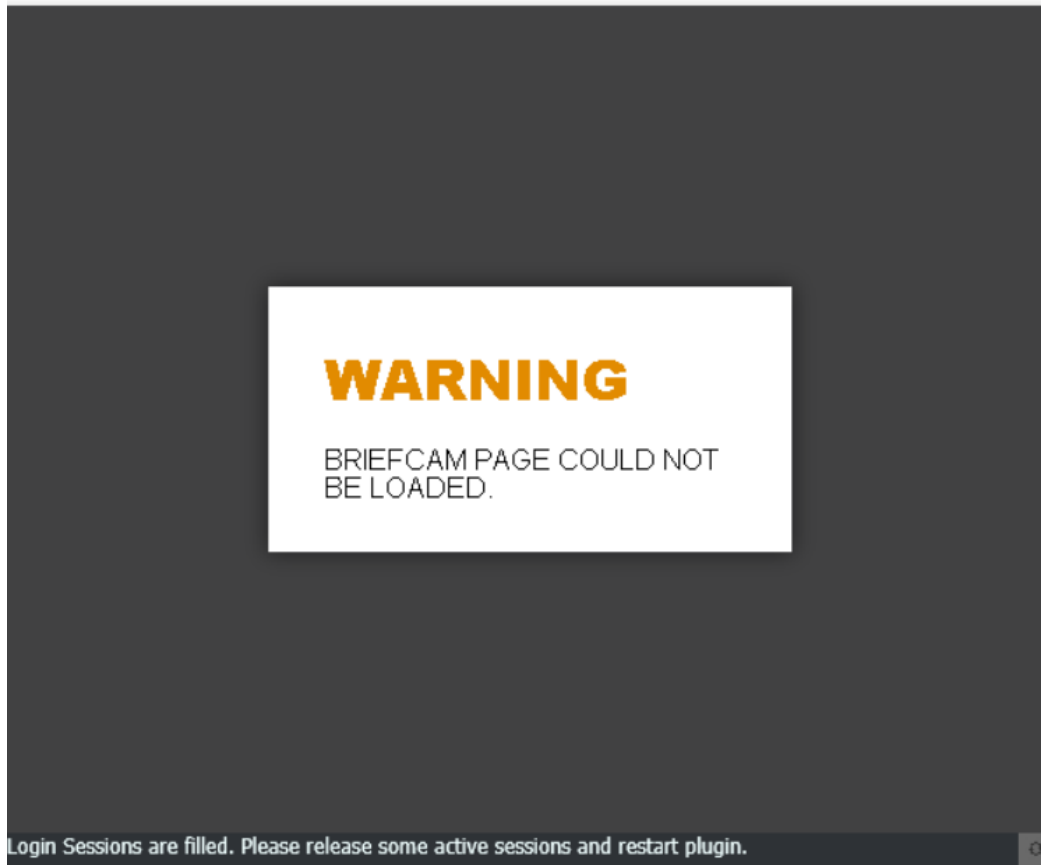
#### 6.4.2. Unauthorized

This window appears if the credentials are incorrect. Please verify the username and password are correct.



### 6.4.3. Session Limit Reached

This window appears if the limit has been reached for the user that has been logged in. Either close other BriefCam Browser instances or release the sessions using the BriefCam Admin console.



## 6.5. Limitations

Currently the plugin does not support audio playback.

There is no active directory support for auto login.

## About CNL Software

CNL Software is a world leader and global provider of Physical Security Information Management (PSIM) software, designed for complete Integrated Situation Management. Our award winning PSIM technology is deployed to secure major cities, critical infrastructure and global commerce. CNL Software's solutions sits at the heart of some of the largest, most complex and ground-breaking security integration projects in the world. Our work with leading organizations is helping to shape the future of security by offering thought leadership on key issues such as asset protection, energy reduction, process compliance and business advantage in converged physical environments.

## About IPSecurityCenter™

IPSecurityCenter is the ultimate PSIM software based integration and management platform. It connects and manages disparate building and security technologies such as video surveillance, life critical systems, radar, analytics, HVAC, PIDS, GPS tracking and GIS mapping. Through aggregating intelligence from these systems, it allows organizations to react faster and more precisely to incidents. IPSecurityCenter provides operators with real-time Situational Awareness through a Common Operating Picture (COP) and following an alert, alarm or event presents step by step process guidance, ensuring complete compliance to security policies.



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