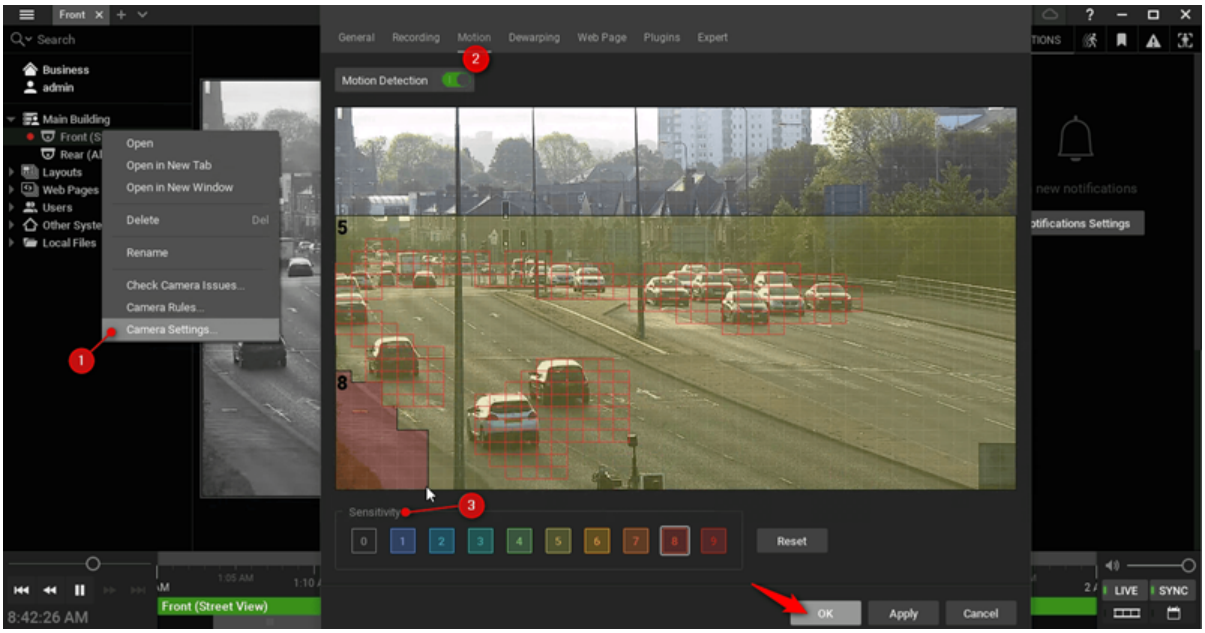


Part 2 – Using Basic Features

The User Interface:

1. Navigation Panel – Access the Main Menu, create and organize layouts, log in to Nx Cloud, and use the context-sensitive user manual.
2. Resource Tree – Organize all servers, cameras, layouts, webpages, and other resources. Use Keyword Search to find resources quickly. Right-click on a resource and choose Rename to change its name.
3. Notification Panel – Access the following tabs:

- Notifications – Displays important information about the system's state and triggered event rules.
- Motion – Displays detected motion events from cameras with recording enabled.
- Bookmarks – Displays bookmarks that were manually created or triggered by an event rule.
- Events – Displays triggered event rules.
- Objects – Displays detected objects from plugin or camera analytics. Only visible when certain analytics are detected.

4. Timeline – Playback controls are to the left (Play/Pause, Last/Next Frame, Last/Next Video Segment), and stream toggles are to the right (Live, Sync, Thumbnail, and Calendar). Recorded video appears as a solid green bar. If the Motion tab is open, motion recordings appear as red segments. If the Bookmarks tab is open, bookmarks appear as blue segments.
5. Viewing Grid – Displays up to 64 items (e.g. cameras, webpages, etc.). Items are easily adjustable (drag-and-drop to move) and can change dynamically in size depending on the number of items on the Viewing Grid.

Create a Layout

To create a Layout:

1. Click on the plus (+) icon on the window header of the *Navigation Panel* to create a new tab.
2. Drag and drop items from the *Resource Tree* onto the *Viewing Grid* and configure them as needed.
3. Right-click on the newly created tab and click **Save Layout** or **Save Layout As...** to rename the Layout.

Searching Through the Video Archive

These are a few different ways to navigate the archive:

- Manually dragging or placing the position slider at a specific position on the Timeline.
- Using Preview Search 17 to break a section of video into equal sized units of time.
- Configuring Smart Motion Search 18 to identify Objects of Interest.
- Accessing the Calendar 19 to view dates and times tag with additional information.

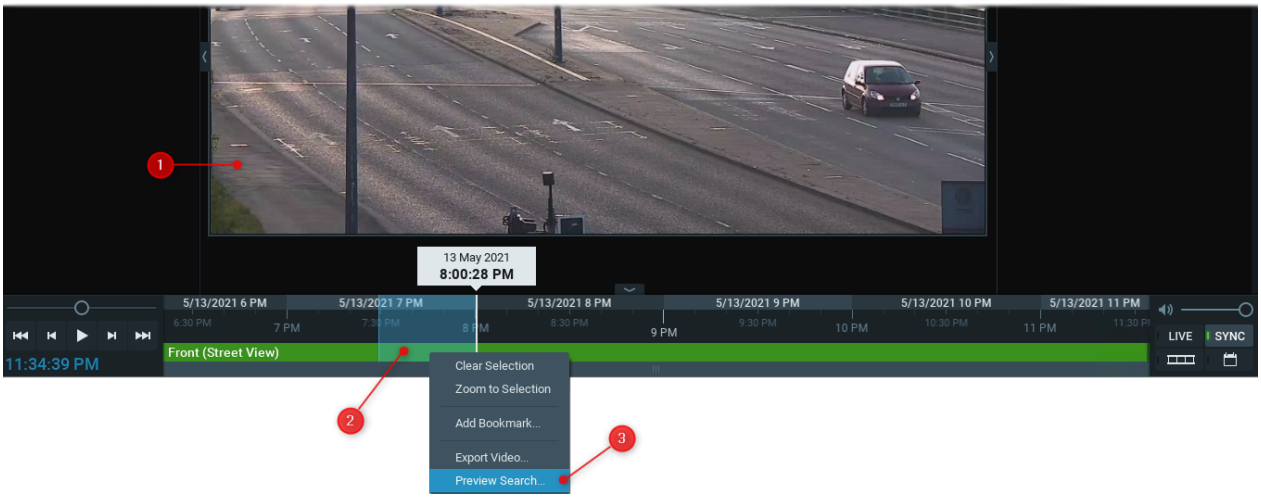
Navigation

- Drag the position slider on the Timeline to select a segment of time. The slider shows the time currently being displayed on the selected Camera or all Cameras on the Viewing Grid if the SYNC button is active.
- Zoom in or out of the Timeline to show smaller or larger time intervals using the mouse scroll wheel or the +/- buttons.

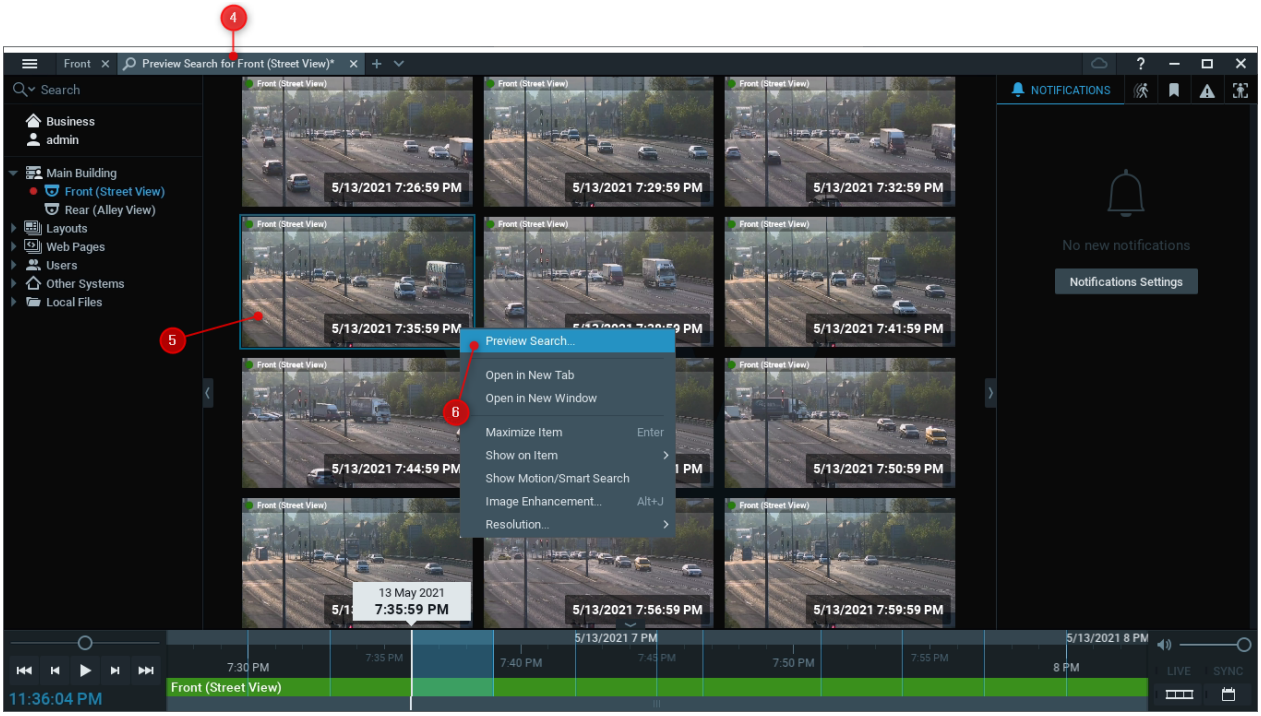
Preview Search

To look for the recorded footage using Preview Search:

1. Select a Camera on the Viewing Grid.
2. Click and drag the position slider on the Timeline to highlight the desired segment of recorded video.
3. Right-click the highlighted segment and click **Preview Search...**



4. The selected time segment will automatically be divided into several equal time segments. A new Layout will be created, and these smaller time segments will be displayed with thumbnails for each time segment.
5. Click on a Preview Search Thumbnail to see the corresponding archive time segment highlighted in the Timeline.
6. Preview Search thumbnails can be divided into smaller time segments by right-clicking on the desired thumbnail and choosing **Preview Search**. The smallest time segment that Preview Search will process thumbnails for is 15 seconds.

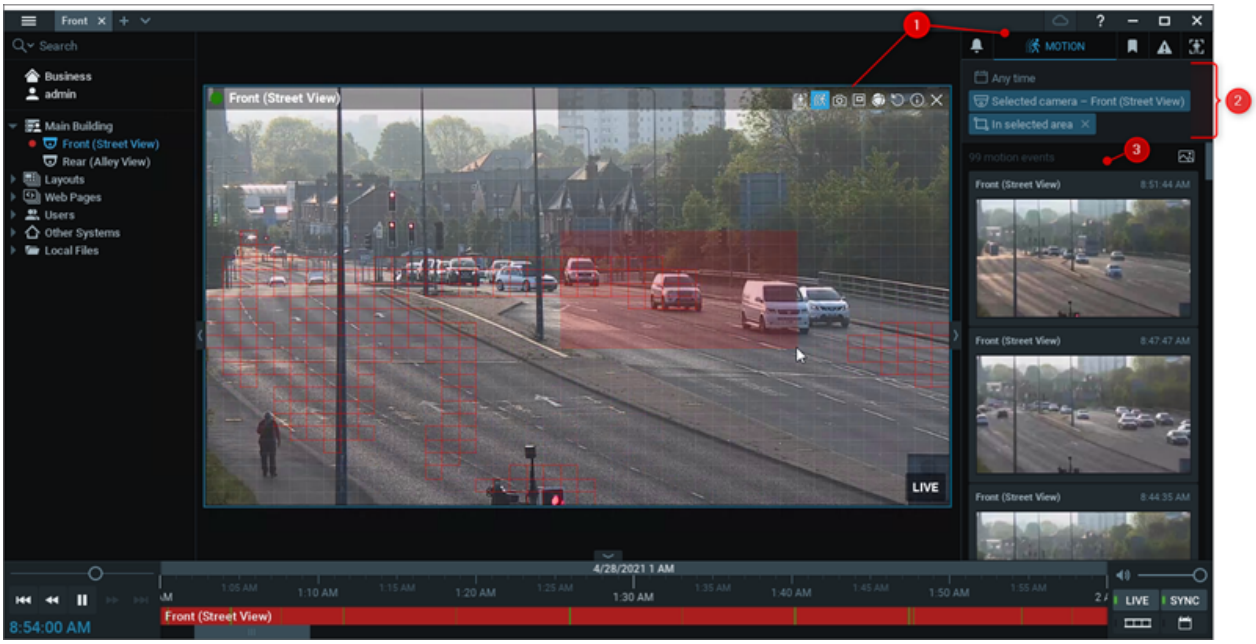


Smart Motion Search

To be able to use Smart Motion Search make sure it is enabled and configured for the desired device (see "Enable Motion Detection and Create a Motion Mask 14" for details).

To search for motion events in the archive:

1. Go to the *Notification Panel* and click the *Motion* tab, or hover over a Camera on the Viewing Grid and click the **Smart Motion Search** icon.
2. Apply the following filters:
   - *Area* (required) – Click and drag over the camera to define the Smart Motion Search area. This limits the results to motion events that occurred within a specified zone of the camera's stream.
   - *Camera* (required) – Limits the results to motion events from the selected camera.
   - *Time* (optional) – Limits the results to motion events that occurred within the selected time interval: **Last day**, **Last 7 days**, **Last 30 days**, and **Any time**.
3. View the search results in the Notification Panel.

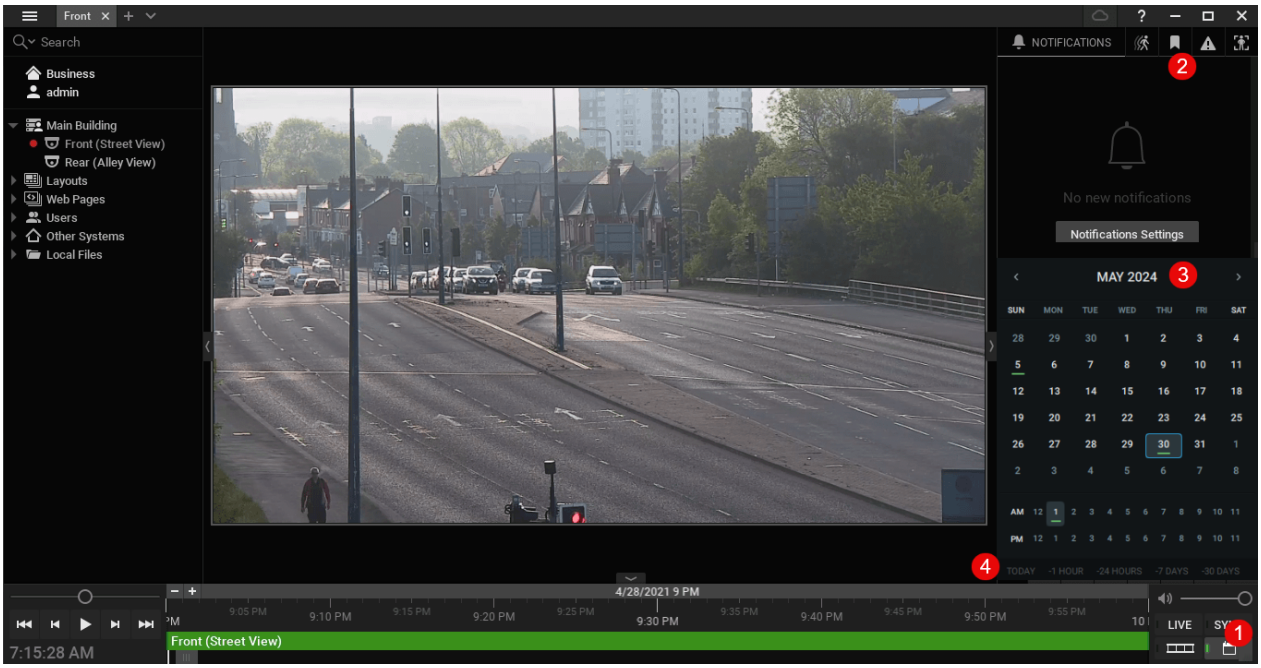


Calendar Search

Search for and view archive video by filtering via a Camera's archive recording date/time:

1. Click on the *Calendar* icon to the right of the Timeline to toggle the Calendar display.
2. The Calendar reflects available archives for the mode set in the Right Panel.
   - Notifications are marked with Green.
   - Motion events are marked with Orange.
   - Objects are marked with Yellow.
3. Change the Month and Year by clicking on the Calendar heading.
4. Use the quick-select labels in the Calendar footer to display today, the last hour, the last 24-hours, the last 7-days, or the last 30-days.

Note: Hold the **CTRL** key while selecting dates/times to choose more than one.

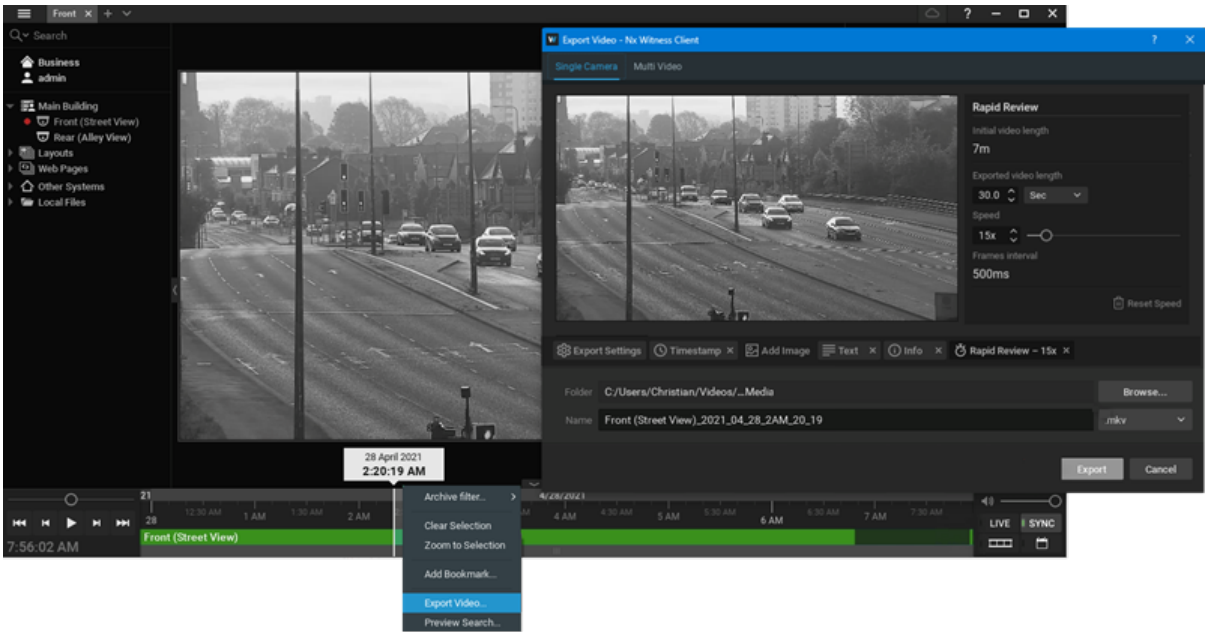


Export Recorded Video

To export fragment(s) from the video archive:

1. Select a Camera on the Viewing Grid.
2. Click and drag the position slider on the Timeline to highlight the desired segment of recorded Video.
3. Right-click the highlighted segment and click **Export Video**.
4. Configure optional Export Settings:
   - Expert Settings – Apply image correction filters and transcoding options.
   - Add Timestamp – Select format and font size of Timestamp.
   - Add Image – Browse for an Icon to scale and overlay.
   - Text – Enter and scale custom text to be applied.
   - Info – Toggle display of Camera name and date.
   - Rapid Review – Adjust speed and frame interval.
   - Select the file type and export location. Click **Export**.

   Note: Read Exporting Video for more information.


Front
Search
Business
admin
Main Building
Front (Street View)
Rear (Alley View)
Layouts
Web Pages
Other Systems
Local Files
Export Video - Nx Witness Client
Single Camera
Multi Video
Rapid Review
Initial video length
7m
Exported video length
30.0
Sec
Speed
15x
Frames interval
500ms
Reset Speed
Export Settings
Timestamp
Add Image
Text
Info
Rapid Review – 15x
Folder
C:/Users/Christian/Videos/...Media
Browse...
Name
Front (Street View)_2021_04_28_2AM_20_19
.mkv
Export
Cancel
28 April 2021
2:20:19 AM
Archive filter...
Clear Selection
Zoom to Selection
Add Bookmark...
Export Video...
Preview Search...
7:56:02 AM
Front (Street View)
LIVE
SYNC

Still need help? Visit us at http://support.networkoptix.com