

User Interface Guide

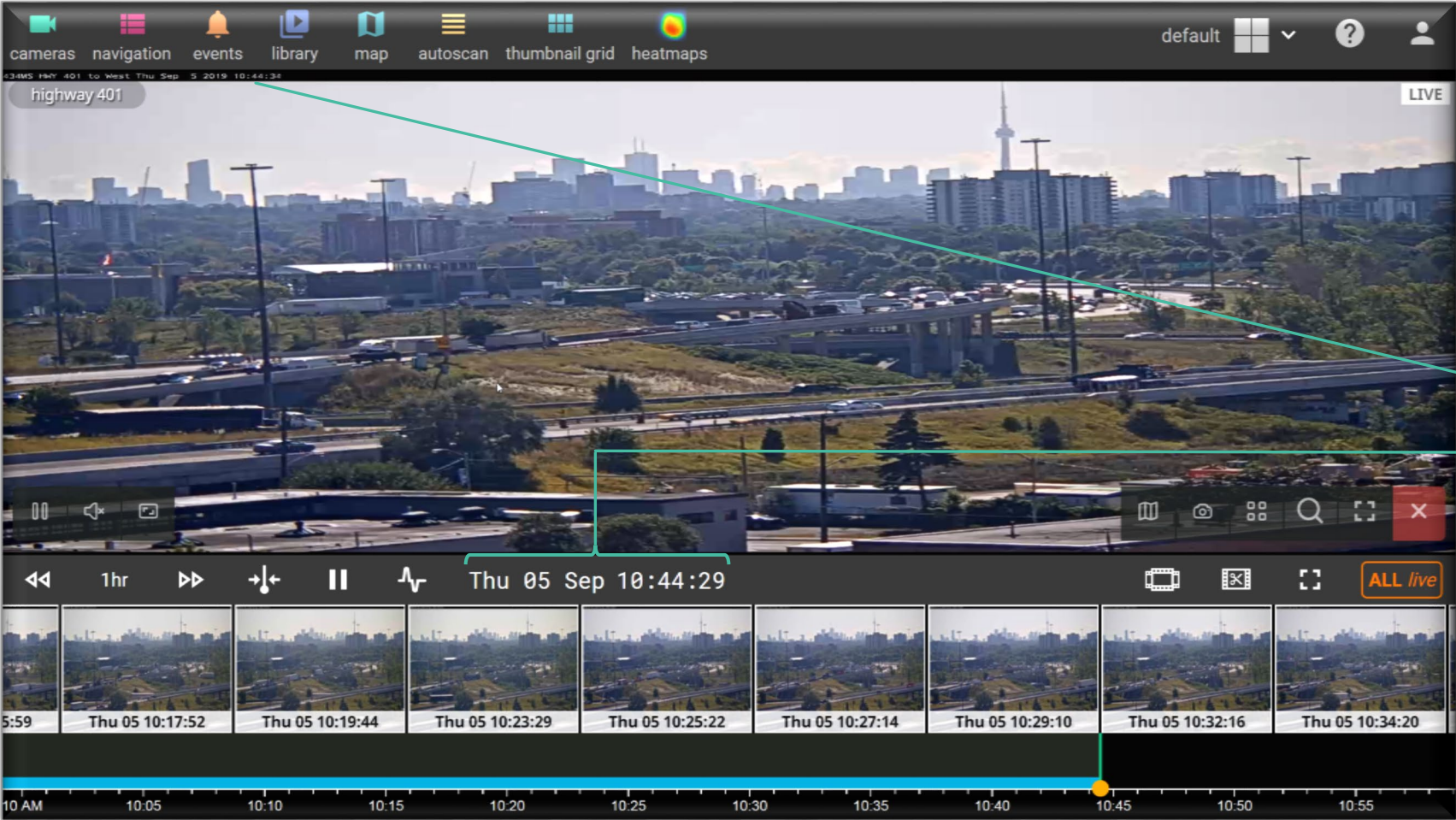
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User Interface (UI)



[Top Menu](#)

You can start monitoring your cameras from any web browser now!

This is an interactive user guide: you can click on any button to get more detailed information on its function.

● [Camera Date/Time](#)

● [Current playback position Date/Time](#)

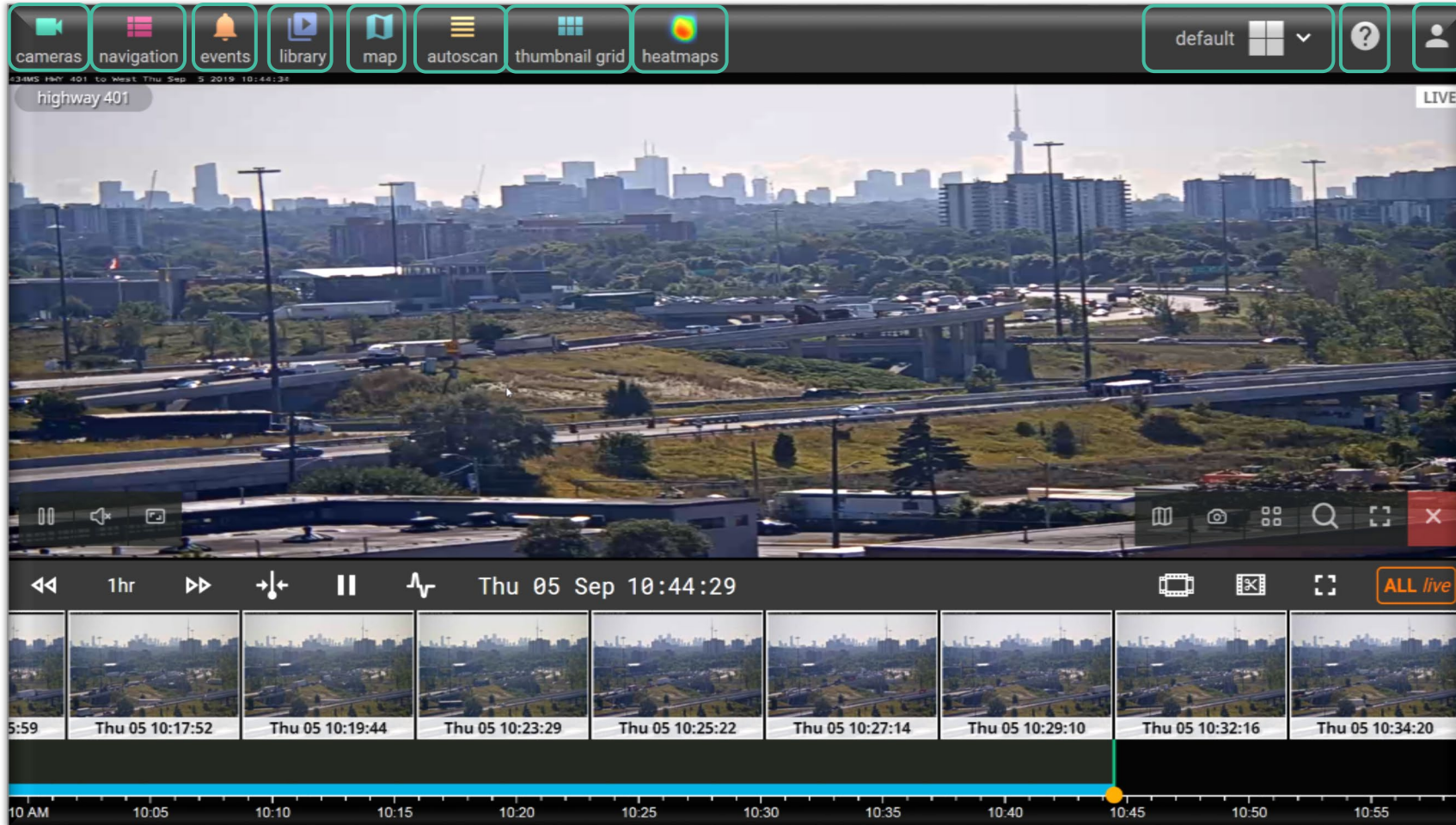
[Camera Player Toolbar](#)

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UI – Top Menu



Main menu opens access to main functions:

[Camera List](#)

[Saved Layouts](#)

[Events History](#)

[Library](#)

[Map](#)

[Autoscan](#)

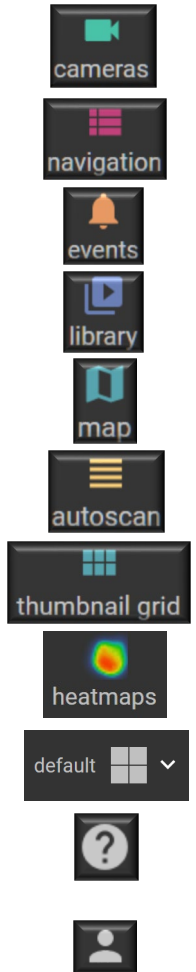
[Thumbnail Grid](#)

[Heatmaps](#)

[Current layout](#)

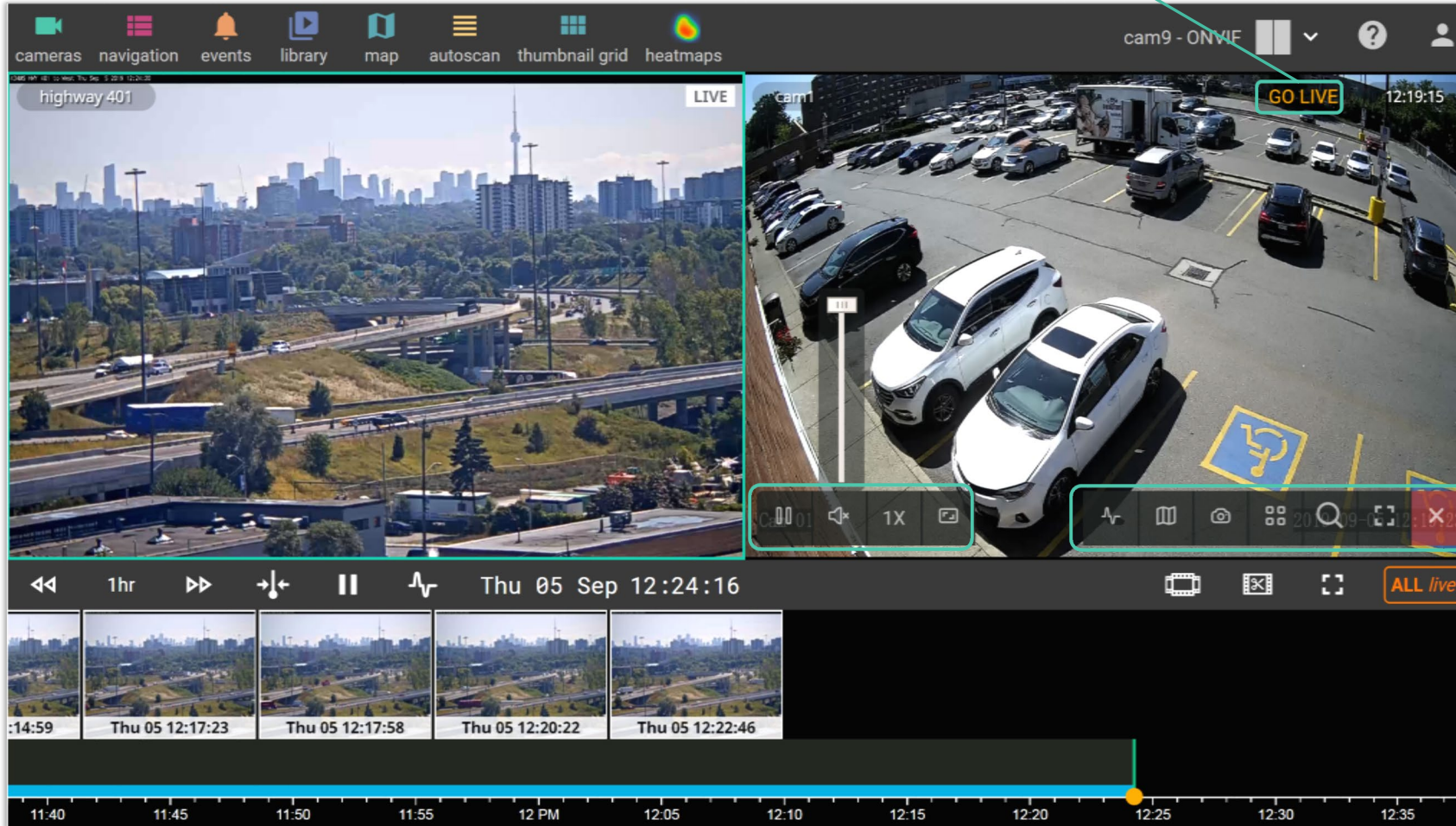
[Help Menu](#)

[User Profile](#)



UI – Camera Toolbar

Go to Live view button



Pause/Play video



Volume control



Archive playback speed. This button appears only during archive viewing.



Stretch/Fill image panel toggle



Synchronize multiple cameras together



Show camera location on a map



Save a snapshot



Show event thumbnails in a grid



Search for events in a specified area



Full screen single camera

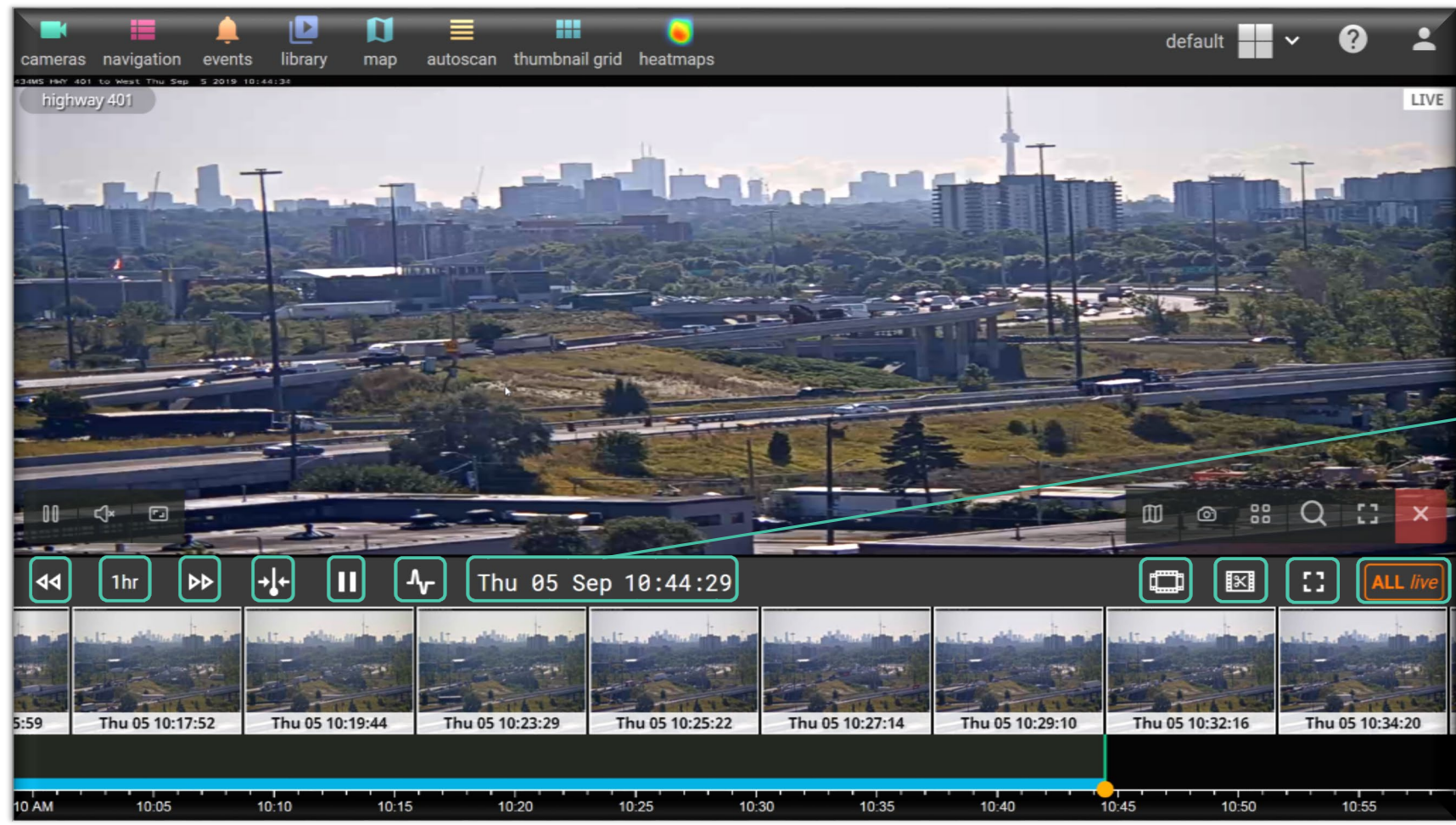


Close camera



Note: To reveal camera toolbar hover mouse over the image panel.


UI – Bottom Toolbar



Bottom panel holds two sets of tools:

1. [Timeline](#) controls for [selected camera](#):

[Change playback position](#)  

Center [Scrubber](#) on timeline 


[Synchronize all](#) 


[Select Date/Time of the recording](#)


[Thumbnail Preview on/off](#) 

[Create Clips](#) 

2. Controls for all cameras currently on the screen:

Play/Pause all cameras 

Full Screen Mode (hides all panels) 

Set all cameras to live mode 

UI – Timeline

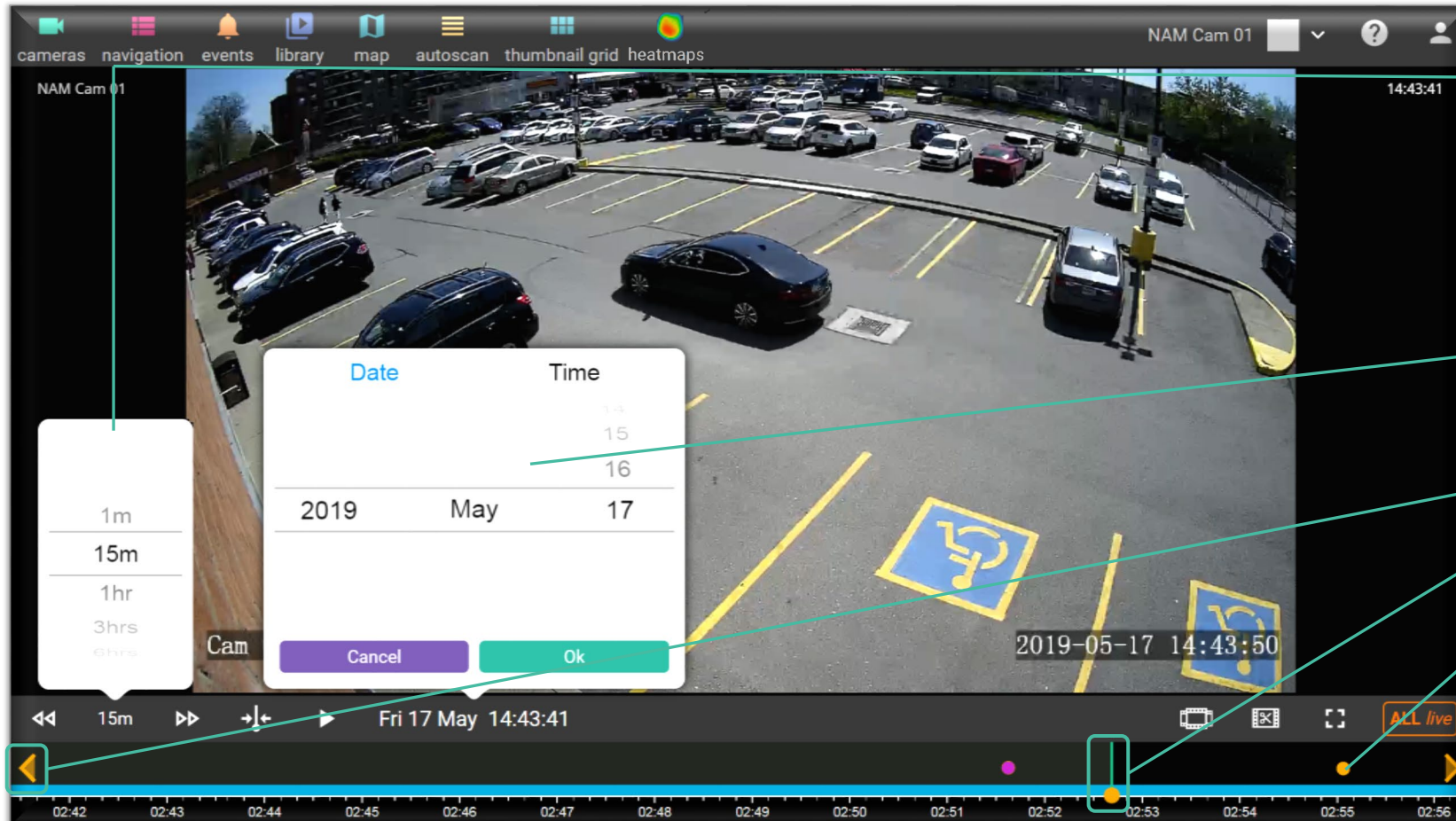
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The timeline lets you easily navigate and search within saved camera footage

Adjust timeline scale from 1 minute to 1 day in Zoom popup menu. White arrows move timeline back or forward by specified time

Alternatively adjust timeline scale by scrolling the mouse wheel to zoom in or out of the timeline while pointing on the timeline (blue line)

In Date/Time popup menu first select date, then click on time tub to select time, lastly click Select to move timeline to the desired moment.

User arrows at the edge of timeline to navigate it

Scrubber. Shows current play position

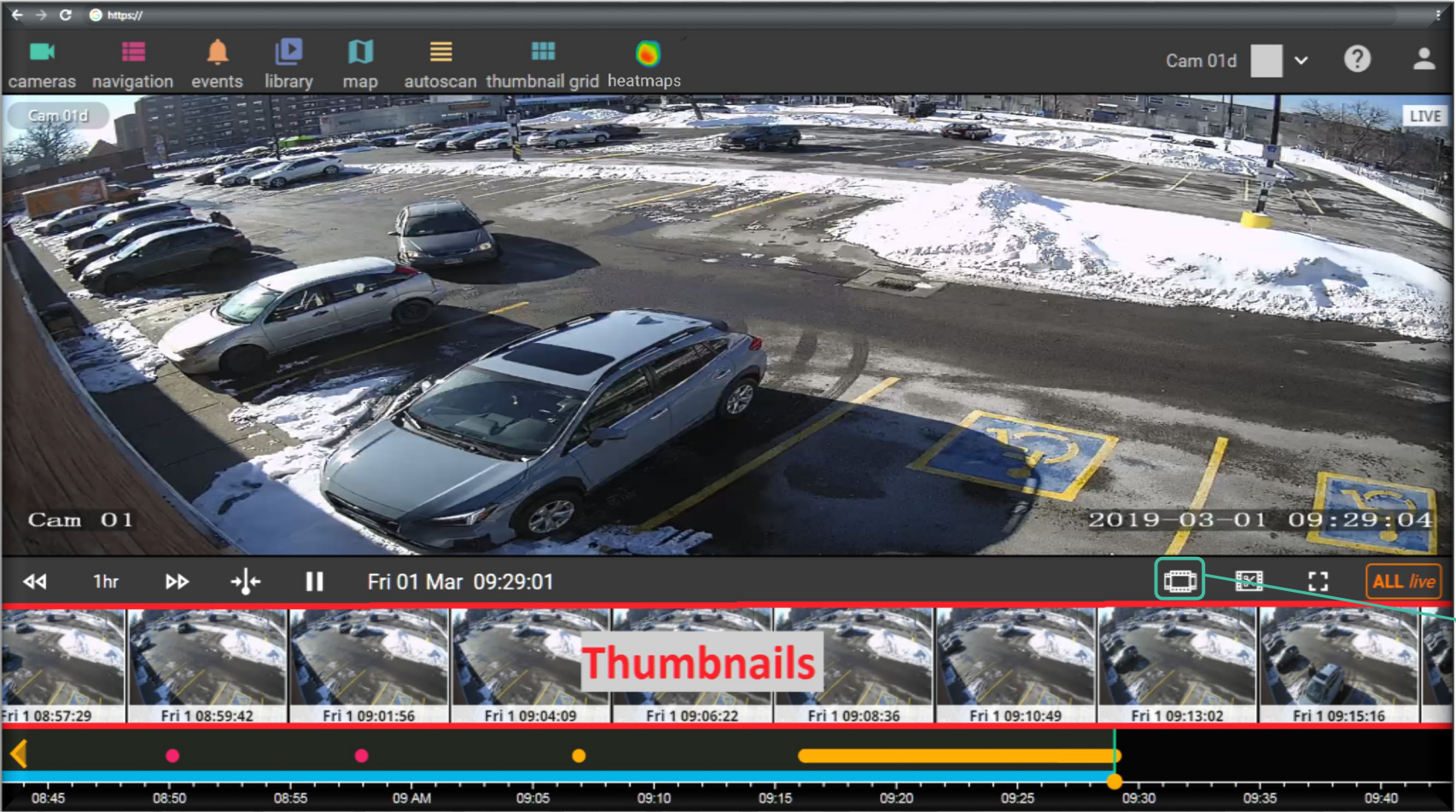
Dots indicate recorded events. Yellow for motion events, pink for recognized objects.

Move timeline position by holding and dragging it

Change scenes by clicking on a specific location on the blue line to jump to the desired moment

Note: In multiple camera view [layout](#) above controls will influence only [selected camera](#) (indicated with [blue frame](#))

Timeline – Thumbnails



Thumbnails make it easier to find what you are looking for in the video archives.

Hover over [timeline](#) (blue line) with mouse pointer to see thumbnails of the scenes for selected time range.

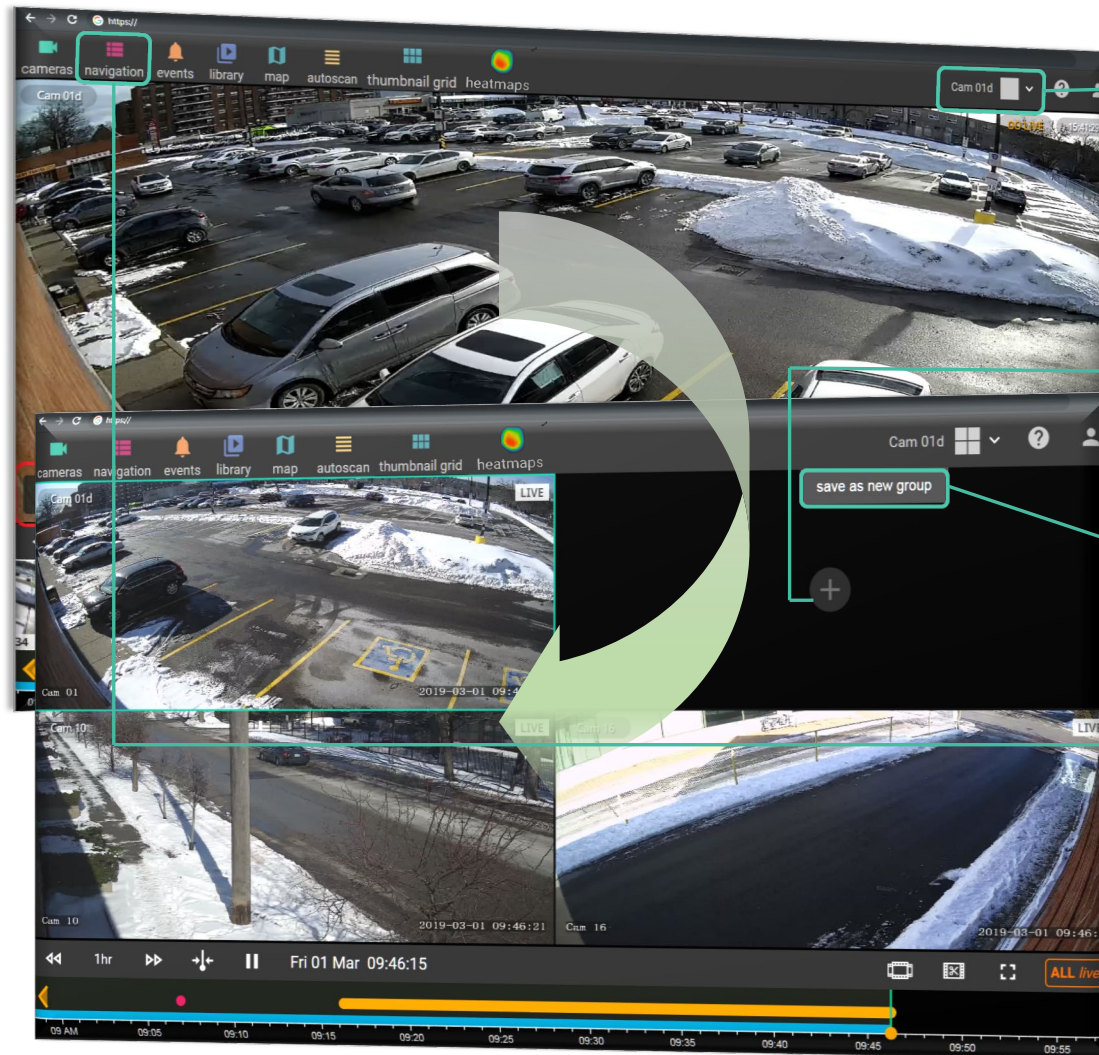
Time difference between two thumbnails depends on the current [zoom level](#) of the [timeline](#).

See a specific date and time of a scene in the selected camera by hovering the mouse over thumbnail. Click on thumbnail to start playback from this time

Click to show/hide thumbnails

Note: For multi camera layout thumbnails are linked to the [selected camera](#) (camera with blue frame around it)

Configuring User Screen



To change the number of cameras that are shown on the screen at the same time select one of the preset layouts and fill it with cameras.

1. Select [Layout](#) from the [preset list](#) of layouts

2. Fill layout cells with cameras using either Plus button or [Camera list](#)

3. To save layout click on name and select save as new group

To reopen saved layout use Navigation menu

Top Menu – Cameras

The screenshot displays a camera management interface. On the left, a 'Cameras' panel shows a list of cameras with a search bar. The list includes 'Cam 01d', 'Cam 01 new', 'Cam 01d', and 'can 2'. Below the list are buttons for 'ACTIVE 29', 'PTZ', and 'OFFLINE 3'. The main area shows a large live video feed of a snowy parking lot with a white car. The interface includes a top navigation bar with a 'CAMERAS' button, a search bar, and a 'LIVE' indicator. A timeline at the bottom shows the current time as 09:53:29 on 2019-03-01. The interface also features a top status bar with 'Cam 01d', a dropdown menu, a help icon, and a user profile icon.


Click on “CAMERA” button to open camera list.

Click and drag camera from the list to place it in a desired [layout](#) cell.

Single click on a camera in the list will open it in a single camera [layout](#) closing previous layout.

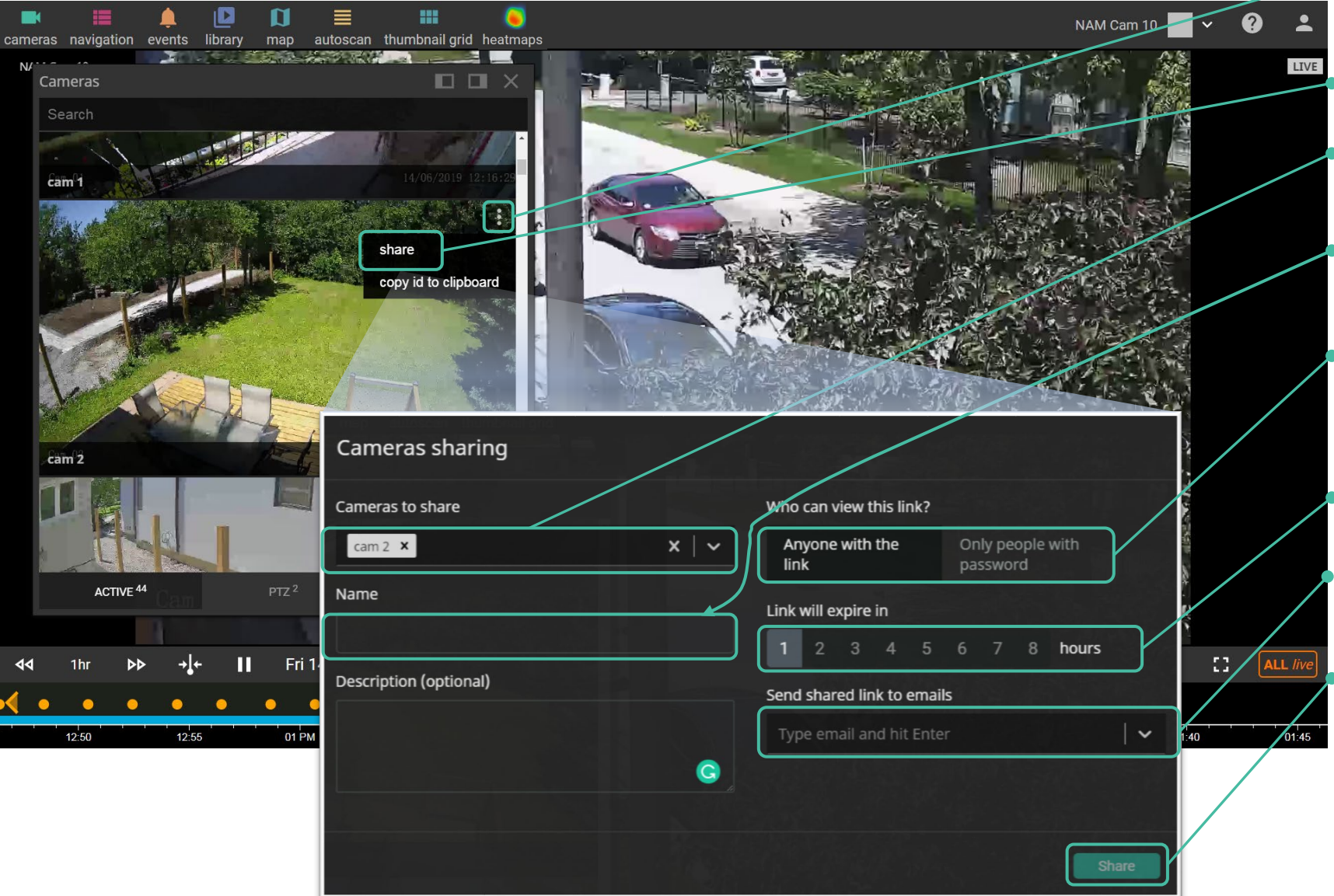
Search cameras by name


Click Active, PTZ or Offline buttons to see online cameras, cameras with Pan Tilt Zoom (PTZ) controls or offline cameras respectively. Number indicates number of cameras in each group

Use  buttons to fix menu to the corresponding side of the screen filling the rest of the screen with current layout

Note: Use [timeline](#) tools to navigate through camera archive.

Top Menu – Cameras: Share



Click on three dots  in the [camera menu](#) to open camera options.

Click Share option.

Select cameras that you wish to share (Click on the line to reveal list of cameras).

Input name that will be displayed in the invitation message.

Select security level: either anybody who has the link can open or choose to require password to open and view shared cameras.

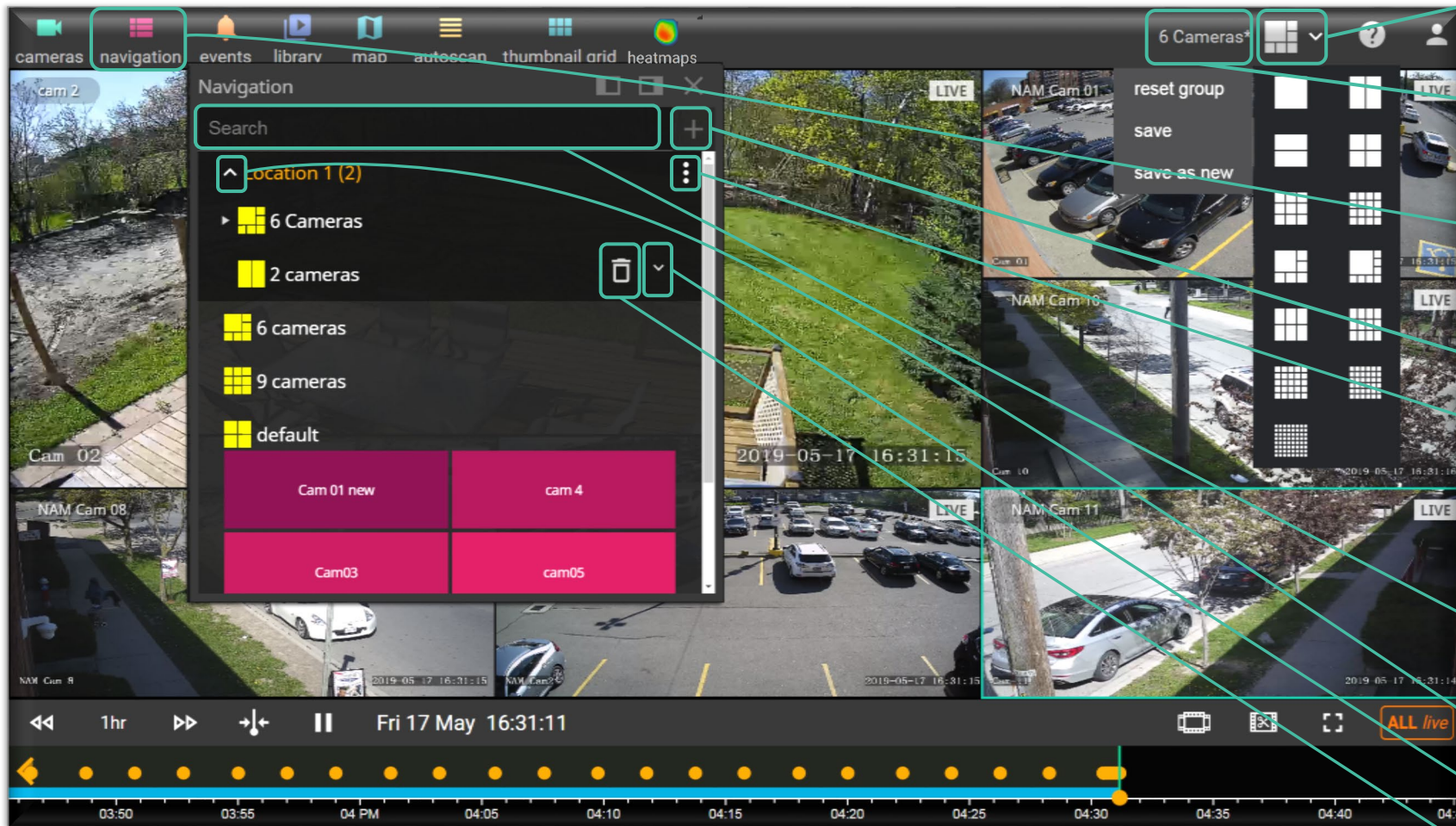
Choose period during which link will be active.

Input email address or addresses of person with who you wish to share your cameras.

Click Share to send invitation messages.

Note: An email message with a link will be send to each of the provided addresses. Anyone who has the link from this email will be able to access cameras either directly or after password confirmation depending on the selected security level.

Top Menu – Navigation



To create new layout click on Preset Layouts button. Choose from one of the presets and fill it with cameras

Star near layout name indicates that layout was changed and these changes are not saved. To save the changes click on layout name and select one of the options

To switch between saved layouts open Navigation menu

Layouts can be organized into groups and sub groups

To create new group click Plus button

To create new sub group hover mouse over group name to reveal menu and select Add category

You can drag and drop Layouts from one category to another

Search layouts by name, just start typing layout name to shorten list of layouts

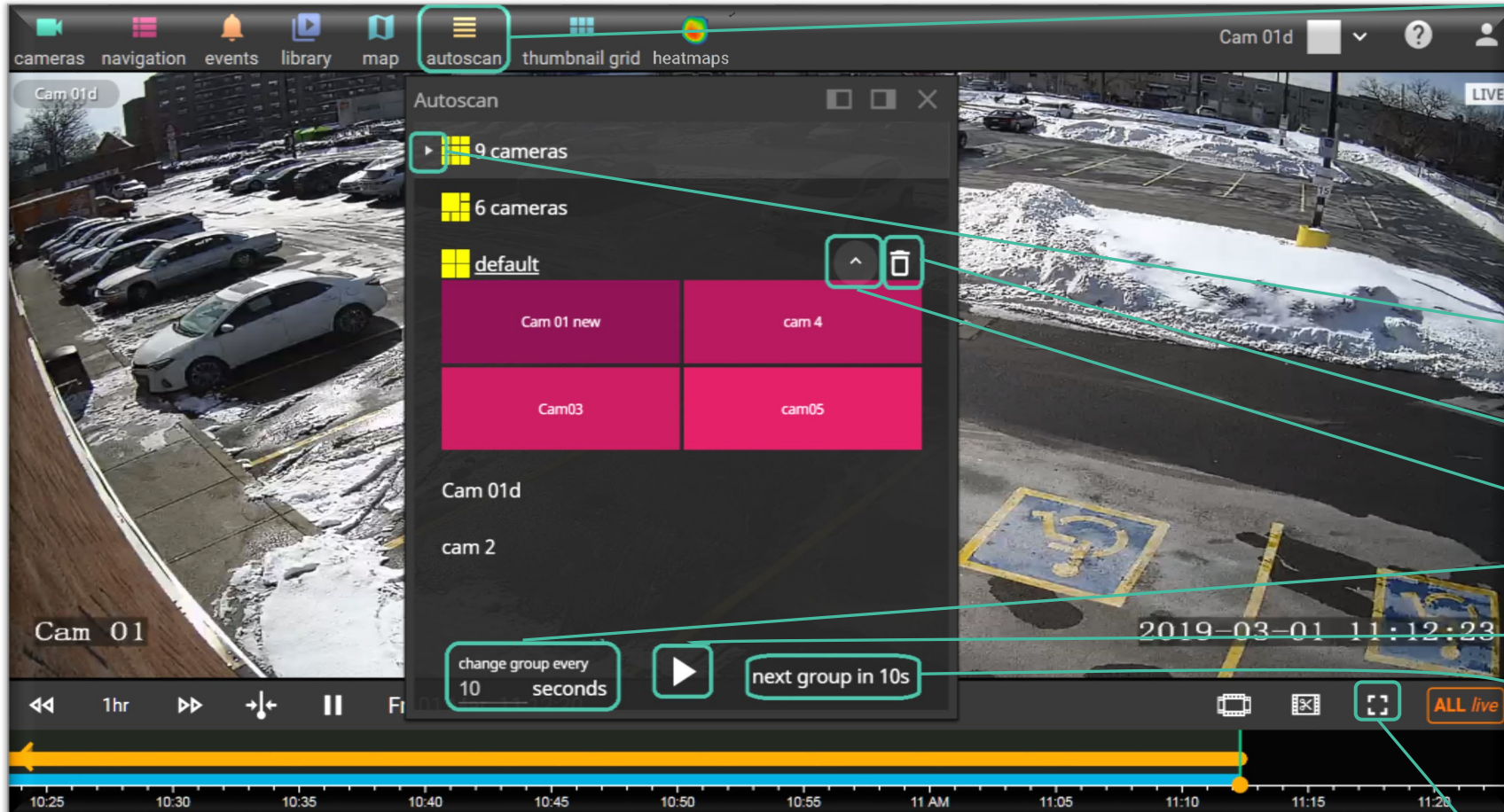
Press this arrow to expand group and see layouts in it

Press this arrow to expand layout and see cameras in it

Press trash-can to delete layout

Note: Layout saved with the name "default" will be the starting layout on all future logins

Top Menu – Autoscan



Autoscan will automatically switch between selected [layouts](#) at a chosen intervals of time

To add layouts or single cameras to autoscan sequence open [Camera](#) or [Layouts](#) menu and drag and drop them into autoscan window

You can drag and drop items in the list to rearrange them

Arrow indicates item from which autoscan will start, or if it is running current item being displayed

Press trashcan to delete item from the sequence


Press arrow to expand layout

Set time between screen changes

Press play to start autoscan

Shows when next screen change will happen

To stop autoscan change playing mode in any way: use any of pause buttons, change playback position, double click on any camera.

Note: Use full screen button  during Autoscan to hide all panels and maximize viewing area. Autoscan will continue after full screen mode is activated.

Top Menu – Events

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The screenshot displays a security camera interface with the following elements:

- Top Menu:** Includes icons for cameras, navigation, events (highlighted), library, map, autoscan, thumbnail grid, and heatmaps. A dropdown menu is set to 'parking'.
- Events Panel:**
 - Filters:** A 'person' filter is active, with a red 'x' to remove it.
 - Date Range:** Set to 'Sep 4, 10:44' to 'now'.
 - CONFIDENCE:** A slider is set to 50%.
 - COLOR:** A color selection palette with options for red, green, blue, yellow, black, white, and grey.
- Main View:** A large video feed of a parking lot labeled '909 UC Parking NW' showing a white car and a dark car. The timestamp is '2019-09-05 06:10:37'.
- Timeline:** A horizontal timeline at the bottom shows event thumbnails with timestamps: '05 06:10:34', 'Thu 05 06:10:45', 'Thu 05 06:12:36', 'Thu 05 06:14:34', 'Thu 05 06:15:33', and 'Thu 05 06:16:06'. A blue bar highlights the current event, and colored circles (yellow, orange, pink) indicate recorded events.
- Bottom Panel:** Shows 'ALL 1726' and 'FACES 6' tabs.

View all recognized events for all cameras.

Use filters to narrow down the search results. If nothing is selected then all events for all cameras are listed. Also here you can filter for which cameras the events are listed.

Select date range to review events.

Select level of recognition confidence. Higher levels will cut down on false positive events but can lead to missed persons/objects.

Filter object by their color.

Recognized objects will be highlighted and confidence level will be listed for each object.

Skip to the previous/next event by clicking on the yellow arrows on the edge of timeline toolbar.

Colored circles indicate that an event was recorded. Click on the circle to view event footage.


Click on Faces tab to view list of recognized people.

Click on any thumbnail from the list to start playback of the event.

Search for Event in a Specified Area

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The screenshot displays a security camera interface for 'NAM Cam 03'. The main view shows a live feed of a parking lot with a blue selection box around a car. A search results panel on the right shows filters for date range (Today, Yesterday, Tue 18 Jun), object type (Car), and confidence level (50%). Below the filters are three thumbnails of search results with confidence scores of 69%, 84%, and 84%.

Use Area Search Tool  from [camera toolbar](#) to search for recognized events.

After search button is pressed click and drag to select area of the image where you want to search for events.

Once area is selected a list of results will be shown.

You can change date range for search results.

You can narrow down search results using [filters](#).

You can change [confidence level](#).

Click on the thumbnail from the list to review footage of the event.

Top Menu – Thumbnail Grid

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Event grid shows images for selected time interval. Each square is a start frame for the period shown.

To open thumbnail grid click on Thumbnail Grid button from top menu or use [camera toolbar](#) button.

Visually search for events in the Event Grid.

Select camera.

Click on time interval to view thumbnails for this period.

Select date.

Click on any thumbnail to zoom into time frame.

Click on the time stamp to start playback at the specified moment.

Shows number of recorded events in the specified time period.

Use arrows or keyboard left and right arrows to jump to next or previous time interval.

Select size of the thumbnails.

The screenshot displays a video management interface. At the top, a navigation bar contains icons for cameras, navigation, events, library, map, autoscan, thumbnail grid, and heatmaps. The main area shows a thumbnail grid for camera CAM 03 on Fri 01 Mar. The grid is organized into two rows of three thumbnails. The first row shows time intervals 07:50 - 08:10 (2 events), 08:10 - 08:29 (3 events), and 08:29 - 08:49 (2 events). The second row shows 08:49 - 09:08 (3 events), 09:08 - 09:28 (2 events), and 09:28 - 09:48 (1 event). A timeline at the bottom shows the selected time range from 10:55 to 11:50. The interface includes a camera toolbar at the bottom left with playback controls and thumbnail size options (XS, S, M, L). A camera toolbar at the bottom right shows playback controls and an 'ALL live' button.

Top Menu – Heatmaps

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Heatmaps show areas where recognized objects were detected. Only motion from people, cars or other selected objects is reported. Smart Events must be enabled on the camera to generate heatmap.

To open heatmap click on Heatmaps button from top menu.

Areas where objects were detected would be highlighted. Intensity of the color is proportional to number of events. You can select one of three color schemes.

Turn on compare to adjust intensity of colors according to the time period with the highest number of motion events.

High quality will improve image processing but takes longer time.

Contrast will add mask to increase contrast of the areas where movement was detected.

Choose time interval length (number of hours that will be averaged on one image).

Press on Calendar to select start time for the Heatmap.

Press on camera name to change camera.

Use arrows to navigate to previous/next time intervals.

Click on any image to review it full screen.


The screenshot shows a security camera interface with a 'Heatmaps' panel. The panel displays a grid of 12 heatmaps for different time intervals. A control panel on the right allows selecting a color scheme (compare, high quality, contrast) and a time interval (1h, 2h, 4h, 12h, 24h). A timeline at the bottom shows the current time as 06:21:26.

Synchronize


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Synchronize multiple cameras to play them at the same time. This does not interrupt other cameras on the screen.

To synchronize two or more cameras follow these steps:

1. Select the main camera by clicking on it (indicated with blue border)
2. Synchronize other camera/cameras to the main camera timer by clicking **“SYNCHRONIZE”** button  on the desired camera toolbar.
3. The [timeline](#) will become green colored and synchronized cameras will have a green time indicator

To remove/stop synchronization:

1. Stop synchronization by clicking on the stop button 
2. Stop one by one by clicking [synchronize button](#) on all dependent cameras

To reassign main camera click on it.


- Use Synchronize all button to synchronize all cameras on screen with main camera. Press again to stop synchronization.

Note 1: Left cameras are in sync with top camera being the main (**selected camera**) camera, indicated with blue border.

Note 2: Thumbnails and timeline are linked to the main camera only.



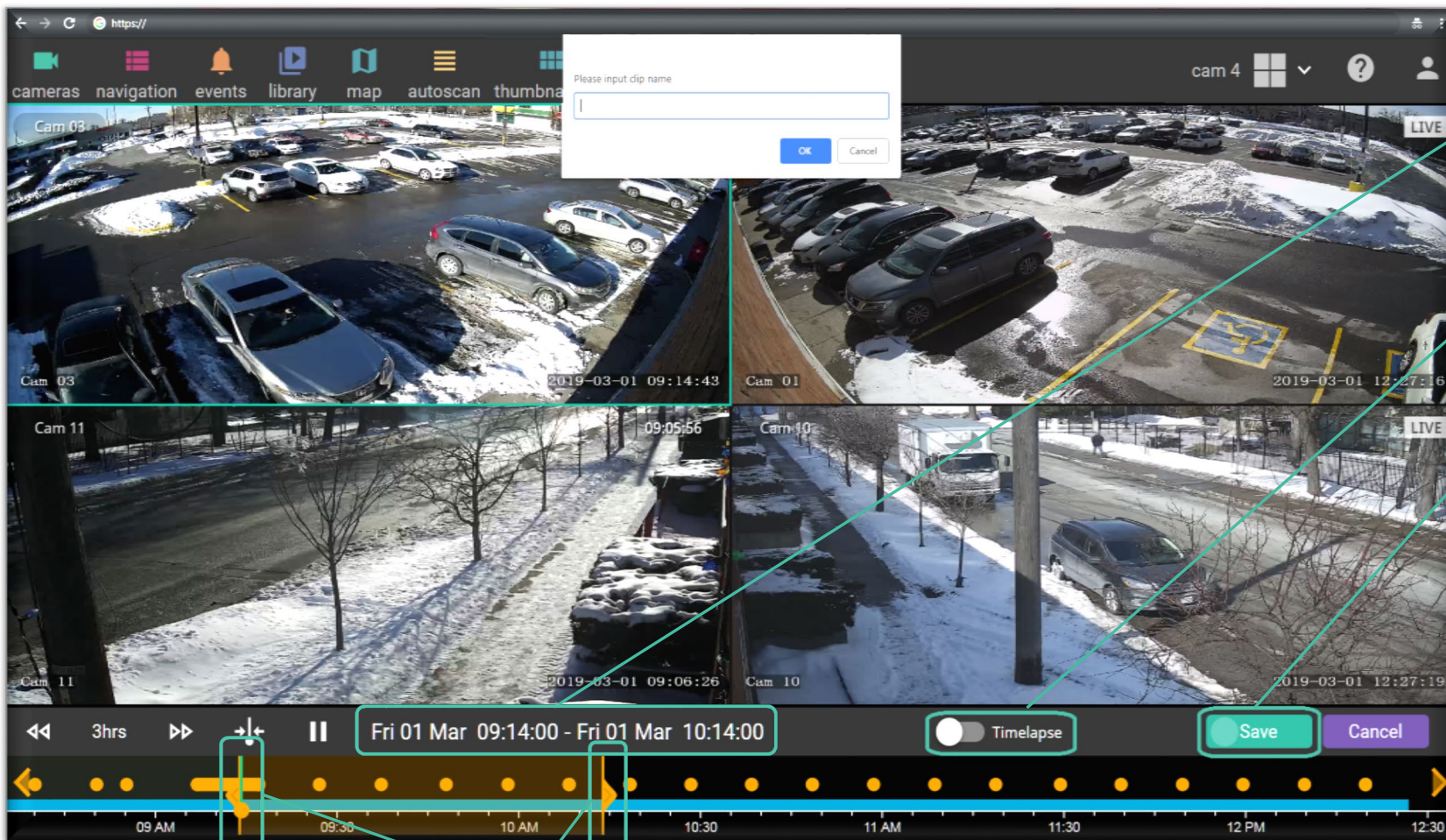
Creating Clips

Use [“Clip Button”](#)  to create short videos of desired footage.

1. Select start and end moments for your clip by either dragging **start and stop handles** or by selecting date/time from the [calendar](#) dropout menu.
2. Select full video clip or time lapse clip with the toggle switch. Set desired frame interval for time lapse video.
3. Click save to create a [Library](#) copy of your clip.
4. Input name for your clip in popup window.

Note 1: System will show a popup message at the top of the screen once the clip is added to the [Library](#).

Note 2 : Clip will be created only for the footage from the selected camera (camera with blue border), if [synchronization](#) is on, only main camera footage will be saved.



Start and stop handles

Library – Downloading Clips



Press “LIBRARY” button to access list of [Clips](#) that were created. From here you can download, view or delete saved clips. To view clip in browser click on the clip name.

Search the Library by clip name

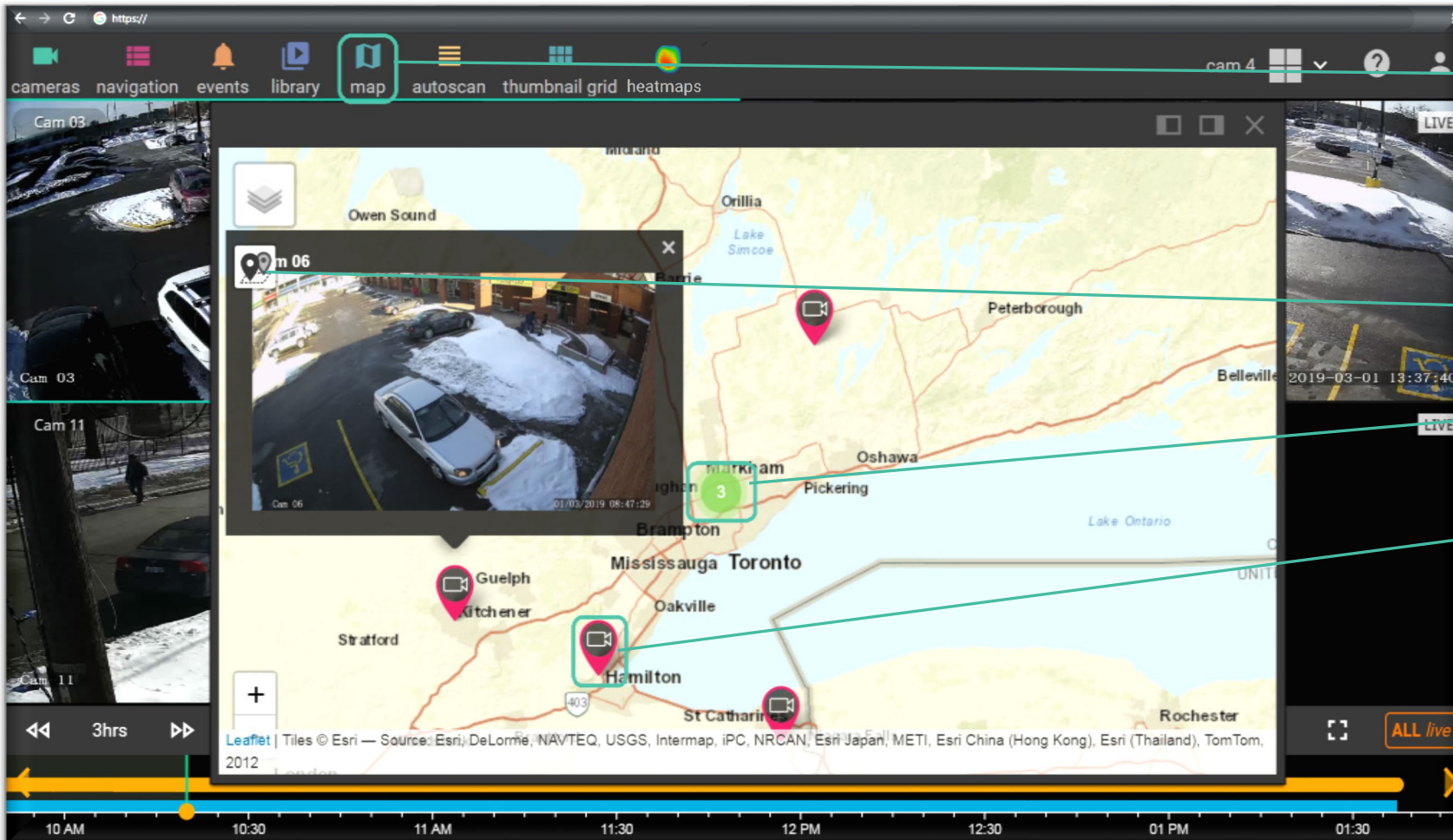
Hover mouse over clip thumbnail to reveal menu button

Select one of the options to modify the clip

View just clips or just timelapses. Number indicates how many clips or timelapses is stored in the library

Preview of the clip will be shown when mouse pointer is stopped over the clip in the Library list.

Top Menu – Map



Map shows location of cameras on the map and allows you to search for cameras based on their physical address. You can zoom in and out of the map with mouse wheel and navigate map clicking and dragging it

Use area select tool to automatically create a new [layout](#) with all selected cameras

Circles with numbers inside indicate that there are more than 1 camera at a given location

Click on a camera symbol to open camera preview

Click on image panel in the preview to open camera full screen and start viewing it

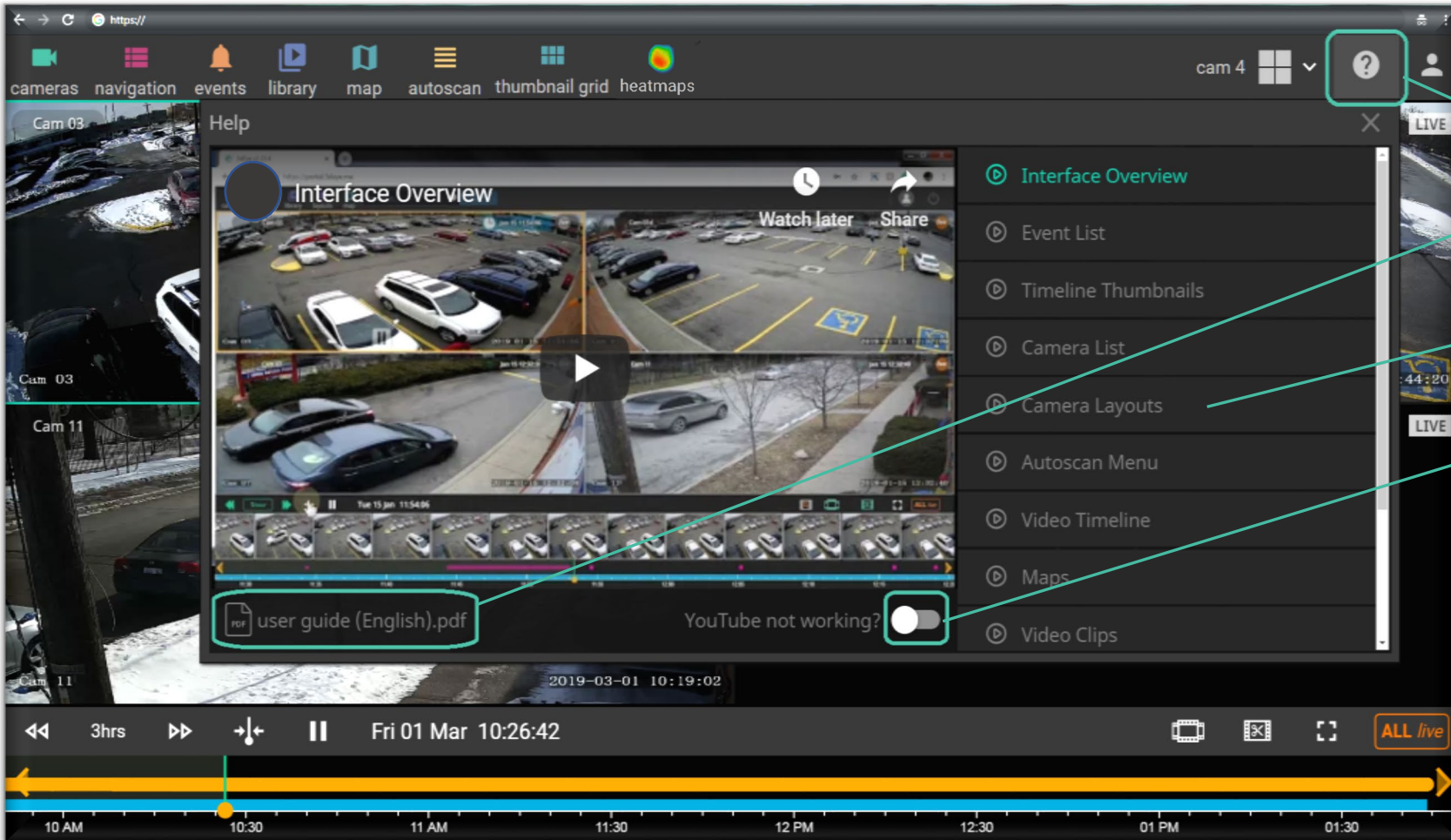
Top Menu – Help

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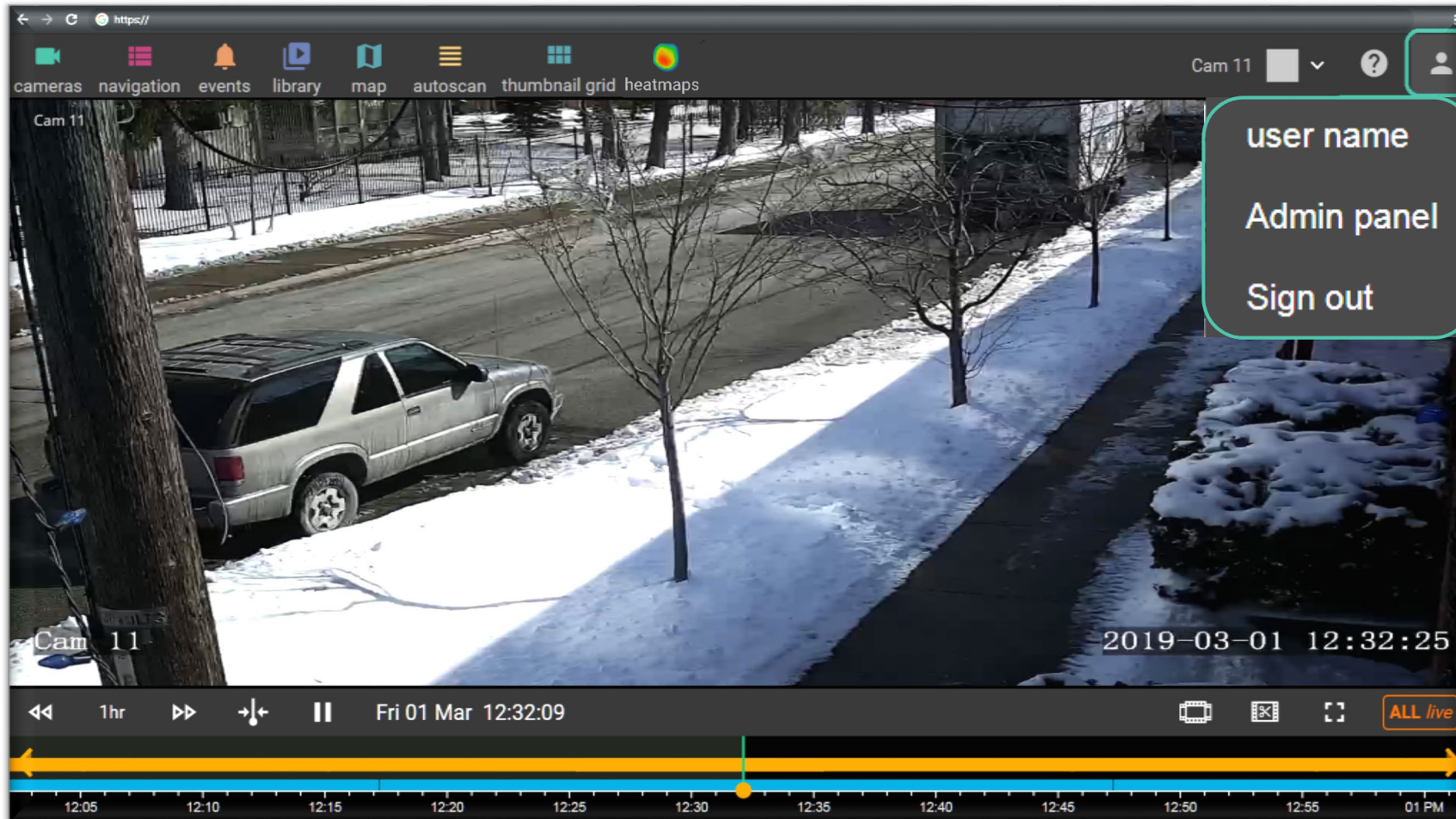
Open help menu

Download interactive pdf version of this manual

View how to video clips on select topics

In the event when YouTube is not accessible use this toggle to switch to a different video server

Top Menu – User Panel



The screenshot displays a web browser interface for a security camera system. The top navigation bar includes icons and labels for 'cameras', 'navigation', 'events', 'library', 'map', 'autoscan', 'thumbnail grid', and 'heatmaps'. The main content area shows a live video feed from 'Cam 11' of a snowy street with a silver SUV parked on the left. A user panel menu is overlaid on the right side of the video feed, containing the following items:

- user name
- Admin panel
- Sign out

The video player controls at the bottom show a timestamp of '2019-03-01 12:32:25' and a playback timeline from 12:05 to 01 PM. A '1hr' button and a 'ALL live' indicator are also visible.

Change your password

Access admin panel

Sign out button closes session