Searching Video based on Text Exception events Generated by Alarm or POS sources

To use this method of search, your recorder must be configured with a compatible text exception source generator. These may include compatible POS terminals, Alarm Panels, Vape Detection units, or Optimum Face Recognition add-ons. There is video tutorial using a POS example available at www.freedomvms.com/textsearch

Methods of searching text data in Freedom VMS:

1. Using the Advanced Search → Text Search window from the Playback GUI.
2. Performing a filtered T.O.E (Text Overlay Exception) search on the Playback timeline'.
3. Using the 'File List' method to browse 'Text Exceptions' event files

Search text using the Text Search Window

Select your text source

Select date

Enter search terms.
For larger length items use the 'Edit Keys' & add the Key words

Select Recorder/s

Advance offset value

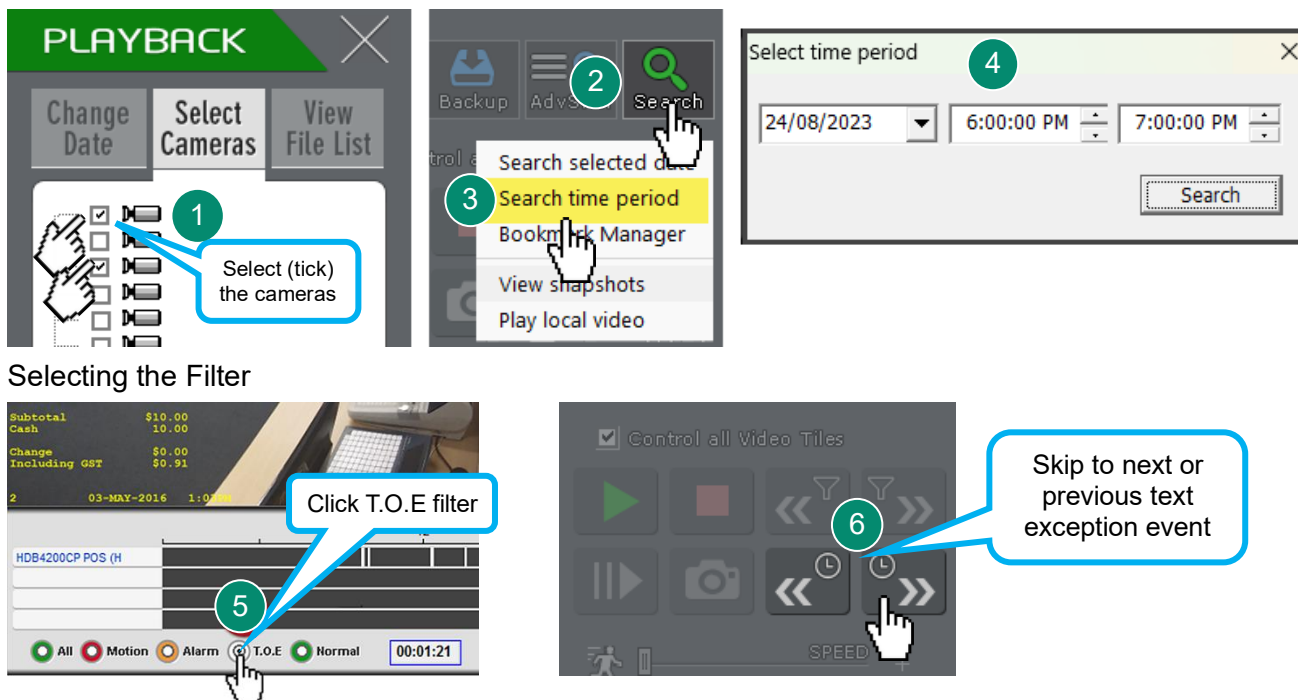Results appear here, **Double click** to play associated video

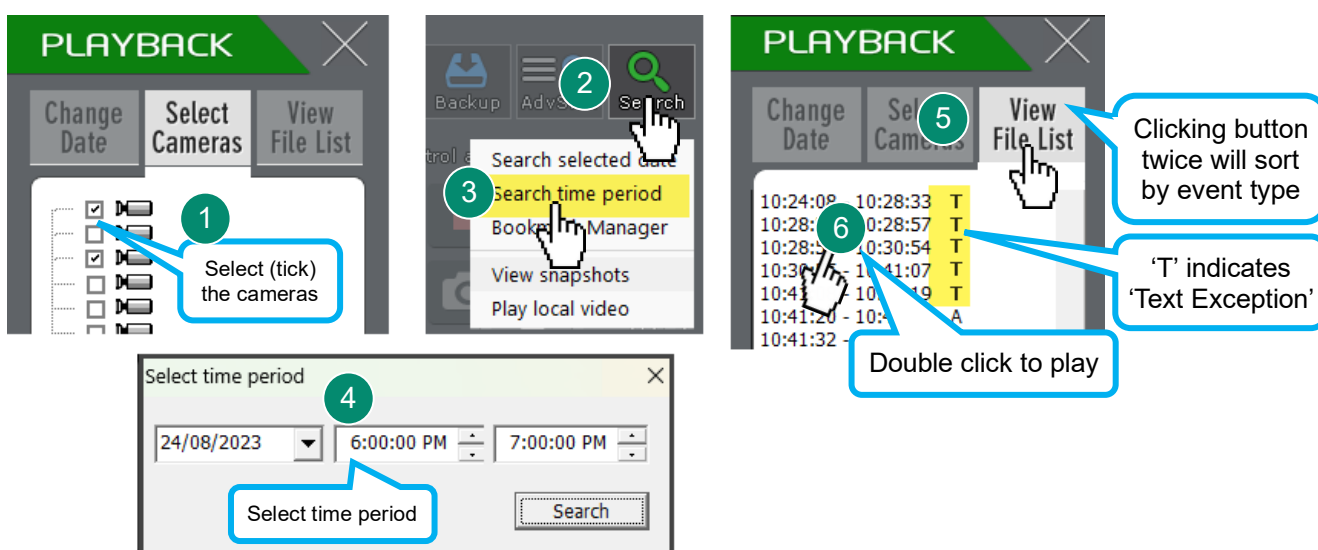**Right click** to expose more details. (only available on some interfaces)

Performing a filtered T.O.E Search

T.O.E (Text Overlay Exceptions) are text exceptions that have been predefined and configured on the Freedom Server recorder. When text matching the text search criteria are encountered, the footage is marked as a 'Text exception' event and is represented in the playback timeline as white coloured marker. To perform a filtered search, navigate to the Playback Window ▶ and follow the steps below.

Selecting the Filter

Performing a 'File List' Search

As with the previous 'filtered' T.O.E search, this search method assumes you have configured predefined 'Text Exceptions' on the Freedom Server recorder.

Keyword Search Usage

Boolean AND and OR are supported as well as multi word/number phrases
Logical AND = **'+',**   Logical OR = **SINGLE SPACE,**   Phase = text enclosed in **2 double quotes** "xxx xxx"
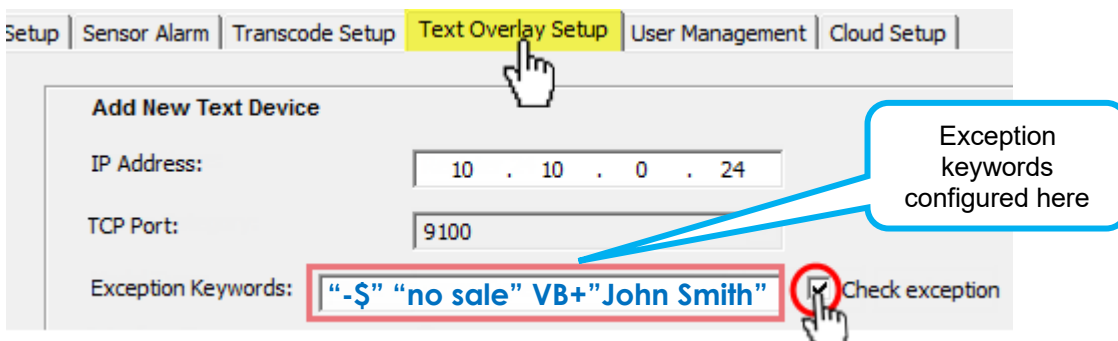
Example / Criteria	You would enter
I want to search transactions that contain either the phrase '**no sale**' OR '**John Smith**' **Note**: there is 1 space between both phrases	**"no sale" "John Smith"**
I want to search transactions that must contain both '**John Smith**' AND '**-$**' OR any transactions containing '**no sale**'	**"John Smith"+-$** **"no sale"**
I want to search transactions that must contain both '**Big Ben**' AND '**-$**' OR '**Sam Citizen**' AND '**Item ID**'	**"Big Ben"+-$** **"Sam Citizen"+"Item ID"**

no+sale will match any transaction with 'no' and 'sale', but the 2 words may not necessarily follow one another and may be on separate lines.
"no sale" looks for the entire phrase, one word/value after the other.

Freedom Server Recorder 'Text Exception' Setup

For automated flagging of 'Text Exception' events you must configure '*Exception keywords*' in the Freedom Server '*Text Overlay Setup*' window. On the Freedom Server navigate to **Setup → Text Overlay Setup.**

Text Overlay Playback options

When playing back video, you have a few options on how the text is overlayed on the video image, including Font Size, Type, Colour and Position or whether to hide all overlayed text all together.

White on the timeline indicates a 'Text Exception' event

Untick to modify