



- Integrate your Gunshot Detection system with XProtect establishing a Unified Security monitoring and analysis platform making your video management system (VMS) the ideal head-end.
- All Gunshot Detection Alerts are time synchronized with the networks video surveillance system.
- Real-time onscreen access control activity provides pop-up alerts when user defined events occur.
- Powerful Hypermedia Search Engine links all text received with all stored surveillance video.
- All shot detection alerts are stored and searchable using the Hypermedia Search Engine.
- User defined real-time event notifications can be sent as Email and SMS alerts via generic events.
- Export search engine table as CSV files.
- Report Manager spreadsheet provides a simple one-click selection of an event bringing up detailed parameters of the event along with the associated video(s).
- Export recorded video evidence directly from the Report Manager's audit entry table.

The screenshot displays the Milestone XProtect Smart Client interface. The main window is titled "Hypermedia Search™" and shows search filters for "ShotSpotter" with a date range from 01/30/2019 23:59 to 01/31/2019 23:59. Below the filters is a table of search results:

View Event	Date	Incident Time	Incident ID	Address
Show Cameras Expand	8:31:58 1/31/2019	2015-01-30 00:54:46	0001500	Lanmark Central Square Cinema
Show Cameras Expand	8:31:48 1/31/2019	2015-01-30 00:54:46	0001499	Southgate Bus Station
Show Cameras Expand	8:31:37 1/31/2019	2015-01-30 00:54:46	0001498	8 Eric Rd
Show Cameras Expand	8:30:30 1/31/2019	2015-01-30 00:54:46	0001499	Southgate Bus Station
Show Cameras Expand	8:30:20 1/31/2019	2015-01-30 00:54:46	0001498	8 Eric Rd

On the right side of the interface, there is a "CTP Overview" panel showing a video feed of the street scene from the first search result. Below the video feed, there is a detailed event log for the incident at 2015-01-30 00:54:46, ID: 0001500, describing multiple gunshots at Lanmark Central Square Cinema. The log includes details such as 3 rounds fired, 1 shooter, and a status of RVD. An "Alarm" icon is visible at the bottom right of the interface.

Hypermedia Search Engine finds events and recalls the associated video

Select search parameter from drop down tab.

Use full or partial keywords from metadata to setup the search.

Qualify your search with equal to, not equal to, contains, etc.

Filter your search by adding multiple keywords.

Setup your spreadsheet columns using either default settings or add or delete columns.

Once your search parameters are defined select view to present results in table.

Select Download to export data in CSV format to a spreadsheet where you can create a visual representation of the data.

Add new columns to your spreadsheet using drop down menu.

Report Manager provides results of audit investigations based on user defined Rules, user defined Pop-up comments and allows annotation of audit status of events.

Alert Manager adds Pop-Up events to push alerts to the client in real time and puts operator's comments into the Audit table.

Export video of events using Video DB Export tool.

Playback video of the event, bring in alternate camera views if needed and set status of event all from the audit entry table.

Alert

Shots Fired

7/25/2018 5:50:06 PM

ID: 0001498

Type: 02 Multiple gunshots

ADR: 123 Main Street

Level:

Room:

Source: EastPaloAltoEngineering

Longitude: -122.131127, Latitude: 37.468568

Comment: detected near hospital entrance

ShotSpotter Report Entries: 133

Timestamp	IncidentID	Latitude	Longitude	Address	Description	Rounds	ShooterSpeed
1/31/2019 9:06:14 AM	0001508	42.3601	-71.0942	MIT	3 ROUNDS	3	0
1/31/2019 9:06:03 AM	0001506	42.4075	-71.119	Tufts University	3 ROUNDS	3	0
1/31/2019 9:05:53 AM	0001505	42.377	-71.1167	Harvard University	3 ROUNDS	3	0
1/31/2019 9:05:42 AM	0001503	42.3637	-71.0537	Paul Revere House	3 ROUNDS	3	0
1/31/2019 9:05:32 AM	0001502	42.3764	-71.0608	Bunker Hill Bridge	3 ROUNDS	3	0
1/31/2019 9:05:22 AM	0001500	42.36608608253023	-71.0909003336352	Lanmark Central Square Cinema	3 ROUNDS	3	0
1/31/2019 9:05:11 AM	0001499	42.35042940589	-71.057078523952	Southgate Bus Station	3 ROUNDS	3	0
1/31/2019 9:05:01 AM	0001498	42.357351	-71.134397	8 Eric Rd	3 ROUNDS	3	0