
**REQUEST FOR INFORMATION
FOR
FACIAL / OBJECT RECOGNITION & VIDEO
ANALYTICS SOFTWARE**

Prepared By



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Introduction:

ECC is currently seeking proposals for a Video Analytic Solution to operate in conjunction with existing or new Video Surveillance systems for our K-12 clients in NYS. We are looking for a turnkey solution that includes cameras, wiring, Servers and any software needed but for this response we just need information and pricing on the video analytic software. We are looking for functionality that is similar to the SNTECH Aegis Product but that can be purchased outright instead of sold as a software service.

Proposals:

We are not using this document to purchase the solution. Your response will be used to determine what options are available for our clients and the approximate cost. Include in your response catalog cutsheets for the proposed product and include pricing to purchase the software, implement the software, provide software updates during the warranty and a 1 year parts and labor warranty. Price the system for 100 cameras and include pricing options to expand the system based on a 1 and 10 camera increment. Please e-mail your response to and address questions to: [REDACTED]

Please return your response by the end of day Monday June 20th 2016.

Funding and purchase options:

The System solution needs to be eligible for Smart Schools funding and needs to be sold as a system and as such cannot be a software only solution, a Software as a service solution or be a leased solution. The software needs to operate in real time to recognize people and objects.

The software could have recording included or be used with a separate software package for recording without facial and object recognition. In order to be eligible for Smart Schools funding, the software needs to be sold and installed as a system that includes Cameras, wiring, servers, and operating and client software. Software only solutions or Software as a service solutions are not eligible for Smart Schools funding and are not being considered at this time.

Functionality:

It is understood that facial and object recognition will require correct camera placement and high resolution cameras but we are looking for software that uses video cameras that are also used for video surveillance so that walking up to and looking into a camera is not required.

The software needs to have the ability to uploaded facial images of people's faces to be recognized, detect them in real time and send alerts to notify personal.

The software needs to have the ability to uploaded images/database of images of objects/weapons to be recognized, detect them in real time and send alerts to notify personal.

The system needs to be able to operate in real time and be able to analyze recorded video.

Some Applications of the face/object recognition:

- Send an alert if anyone from New York State Sex Offenders Registry enters a school or if any suspended students, fired employees, known gang members or an affiliate enters a school.
- Send an alert to school officials if any of the top 10 guns used in school shootings are recognized within the school – semi automatic and revolver handguns, pump shotguns and an AR 15 type rifle.
- Identify whenever a pair of individuals are in the same area.

Questions:

Are there recommended cameras for the software?

What are the server requirements, include the number of cameras the proposed solution can process per server?

What is the required record frame rate (fps) to analyze recorded video?

What is the required pixels per foot at the scene required to analyze real time video and recorded video?