



KONICA MINOLTA

K-12 SCHOOL DISTRICT PROACTIVELY ADOPTS WEAPON DETECTION TO VIDEO SECURITY STRATEGY

ADDRESSES CONCERNS OF PARENTS & STAFF

This school district is hyper-sensitive to all the active shooter activity that has hit the news over the past few years. They want to have a physical security system that can visibly detect firearms – especially when the person approaches any of their buildings with the gun drawn and ready to wreak havoc.

CHALLENGES

The Director of School Safety has a team that relies on the human eye to detect anomalies from their surveillance camera video streams. In his district, he has 7800 students that populate nine schools – two high schools, one middle school, five elementary schools, one technical center and one alternate education center, and he finds the constant vigilance and attentiveness to catch a visibly-armed intruder can be fatiguing to his team – meaning they might miss an important active shooter incident.

“I’m challenged with having multiple entrances to monitor in multiple school buildings, and no central view of all of the locations’ cameras. This will impact our ability to pre-empt an active shooter.”

-- Director of School Safety

SOLUTION

The local Konica Minolta rep had been visiting the school district since they already were a customer for MFPs, and he wanted to introduce DX capabilities that Konica Minolta offered. On a recent visit, the timing was right to learn of the Video Security challenges and general unrest in the school district around active shooters. The Konica Minolta rep reviewed the intelligent surveillance options and the REACT portfolio for the safety director, and there was clear interest for REACT Visible Weapon Detection.

The rep brought in a Video Solution Services Executive (VSSE) to review the solution and the algorithm that detects visible weapons from any ONVIF camera that has a 30 pixel per foot resolution and sends alerts to the security staff.

WHO
K-12 School District

WHAT
7800 Students Attend

WHERE
Mid-West

SOLUTION
Across the nine locations, they bought one cloud VMS, 54 MOBOTIX cameras and equipped 36 cameras with the REACT VWD module for active shooter detection.



“It was interesting to our team to understand that VWD balances speed and accuracy for the reliable detection of the visible firearm. This is a game-changer for our team and for the parents and staff in the district.”

-- Director of School Safety

Additionally, the VSSE reviewed the value of a Cloud VMS to enable viewing video streams from any type of device – plus getting the alerts with links to the actual footage as well as reviewing what occurred precisely before the alert.

OUTCOME

While the school district already had security cameras, they decided to enhance their current surveillance system with one D16 camera (which has 180° coverage) camera for the front of the building that also covers the main parking lots and the bus line, and for the REACT software four to eight 360° MOBOTIX MOVE vandaldome cameras in each school to better cover hallway corners. Also, they decided to purchase the Cloud VMS which would help their efficiency and REACT – VWD which would help their effectiveness.

After the first two weeks of operation, the Director of School Safety indicated that they uncovered some incidents in their high school parking areas with attempts to steal catalytic converters, and students smoking outside the middle school. They now use mobile alerts to give team members notifications if there is an active shooter. The feedback from the parents in the district has been overwhelmingly positive, adds the Director of School Safety.

“It’s really on us to give our students and staff the benefits of the best possible technologies with video security.”

– Superintendent of Schools

They district is considering some additional cameras to have better visibility in the playing fields and playgrounds.

THIS SOLUTION APPLIES NATIONWIDE, TO ORGANIZATIONS THAT WANT BETTER OVERSITE OF THEIR FACILITIES, INTEREST IN REACT VISIBLE WEAPON DETECTION, UTILIZING DETECTION APPS, AND HAVING CLEAR, HIGH RESOLUTION VIDEO DOCUMENTATION FOR INSURANCE OR LEGAL PURPOSES. THE STORY IS SIMPLE, KONICA MINOLTA CAN HELP TO PROVIDE SECURITY VIA ITS MOBOTIX CAMERAS, THROUGH ITS CAMERA APPS AND REACT OFFERINGS.