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CRIMINALS AND TERRORISTS PULL
GUNS LONG BEFORE THE FIRST SHOT
IS FIRED

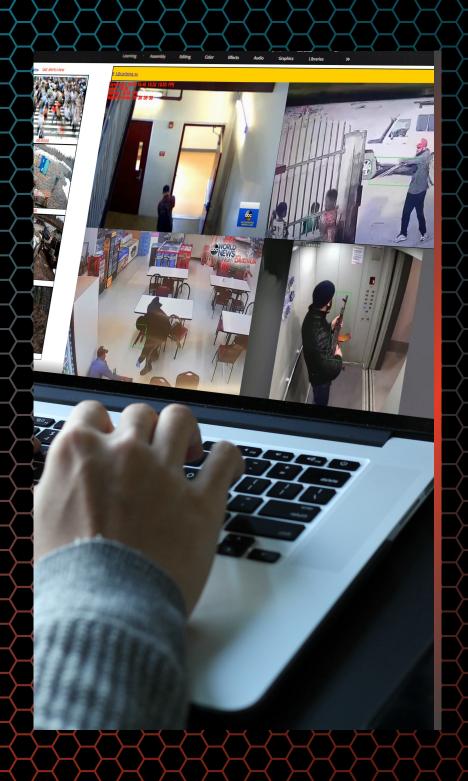
THOUSANDS OF CAMERAS IN CITIES

ARE RECORDING

ARMED PEOPLE EVERY DAY

HOWEVER, THE GUN BEING CAUGHT ON CAMERA DOES NOT USUALLY ENTAIL AN IMMEDIATE POLICE RESPONSE





ACCORDING TO SOME STUDIES, VIDEO SURVEILLANCE OPERATORS BEGIN TO OVERLOOK UP TO 95% OF SCREEN CONTENT IN AS LITTLE AS 40 MINUTES OF WORK

OUR ARTIFICIAL INTELLIGENCE
SOLUTION IS CONTINUOUSLY
SEARCHING FOR
ARMED PEOPLE IN ALL AVAILABLE
VIDEO STREAMS

THE SOFTWARE RECOGNIZES WEAPONS IN REAL TIME

IF AN ARMED PERSON IS DETECTED, THE PROGRAM WILL ALERT THE OPERATOR AND PERFORM THE PROGRAMMED ACTIONS:

- SAVE AND SEND PHOTO
- NOTIFY POLICE
- TURN ON ALARM
- LOCK THE DOORS, ETC.





THE HARDWARE AND SOFTWARE SUITE

IS COMPATIBLE WITH

EXISTING INFRASTRUCTURE

OF CITY CAMERAS

THE PROGRAM IS OPTIMIZED TO RUN ON LOW-COST SERVERS AND COMPUTERS

THESE TWO FACTORS SIGNIFICANTLY REDUCE IMPLEMENTATION COSTS





AN RTSP-ENABLED IP CAMERA
BROADCASTS VIDEO IN
REAL-TIME



VIDEO STREAM IS PROCESSED ON A VIDEO CARD WITH CUDA ARCHITECTURE



ARTIFICIAL INTELLIGENCE
SEARCHES FOR OBJECTS THAT
LOOK LIKE WEAPONS



FRAME, THE OPERATOR IS

ALERTED

SYSTEM REQUIREMENTS

MINIMUM

CPU 2GHZ / 8 CORE 8 GB RAM RTX2060 8 GB

RECOMMENDED

CPU 2GHZ / 8 CORE 16 GB RAM RTX3070 8 GB

CAMERA REQUIREMENTS

H.265/H.265+, RTSP, 4-5 MP, 1920*1080*25FPS, BITRATE 8 MBPS

GUNCHECK BENEFITS

ONE VIDEO CARD PER CAMERA DETECTION RANGE UP TO 10-15 M. **EXPENSIVE EQUIPMENT** FALSE ALARMS OF THE SYSTEM **USE COMMERCIAL SOFTWARE** POSSIBLE SOFTWARE BUGS & VULNERABILITIES HIGH SUPPORT COSTS **EXPENSIVE LICENSES**

GUNCHECK SOFTWARE

ONE VIDEO CARD PER UP TO 16 CAMERAS

DETECTION RANGE UP TO 30 M.

LAPTOP OPERATION WITH MOBILE RTX 3070

STEREO PAIR OPERATION CAPABILITY

USES FREE SOFTWARE

PASSED REQUIRED TESTING

ONLY ONE SETUP IS NECESSARY

AFFORDABLE LICENSE FEE







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