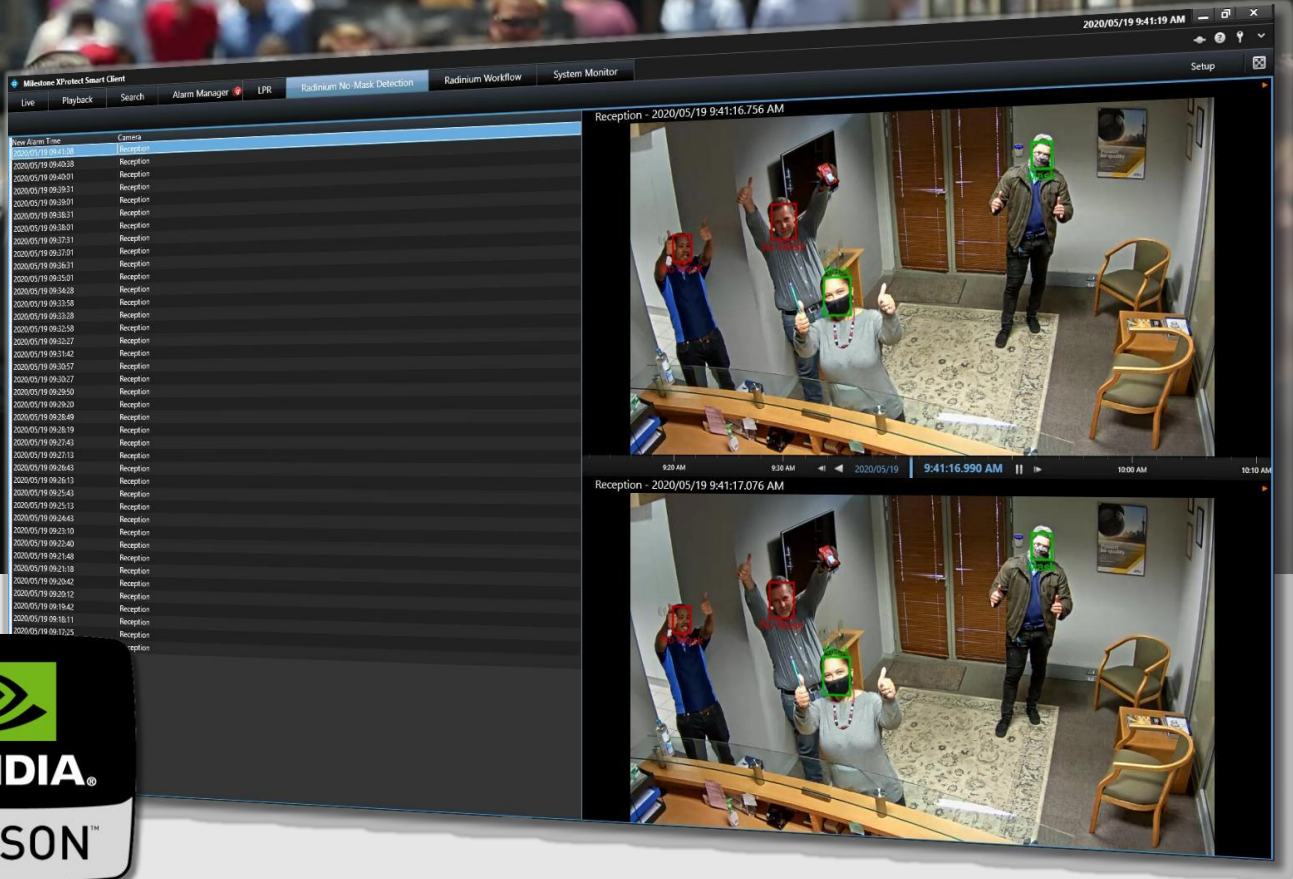


MASK/NO-MASK DETECTION

radinium
www.radium.com

for Milestone XProtect®



1 Radium Classifier – MASK/NO MASK Detection*

Mask & No-Mask Classification by Computer Vision and Neural Network Acceleration.

RADINIUM Classifier MASK provides a Mask and No-Mask classification and Detection analytic solution for Milestone XProtect®.

Supported by the nVidia Jetson family of Embedded AI platforms, makes it a very cost effective and off-the-shelf solution that caters for any environment.

*requires Milestone XProtect® Express+, Professional+, Expert, Corporate 2019 R3 or higher.



2 Why do you need No-Mask Detection?

- By ensuring your staff and customers meet regulatory requirements for COVID-19.
- To ensure a safe environment by tracking and classifying people wearing no masks.
- Be informed by instant alarms of someone that does not wear a Mask.
- Have playback evidence with META DATA at your fingertips.
- Do a Forensic Search on all people with No-Masks.

3 Meet the Jetson Family

RADINIUM Classifier – MASK/NO-MASK Analytic is powered by nVidia's Jetson Family of Powerful Embedded devices.



JETSON NANO
0.5 TFLOPS (fp16)
5-10W
45MM X 70MM

1 CHANNEL
720P



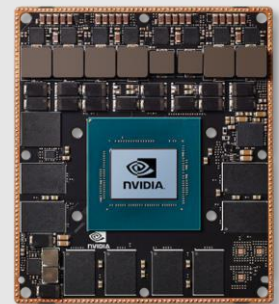
JETSON TX2 SERIES
1.3 TFLOPS (FP16)
7.5-15W
50MM X 70MM

1-2 CHANNELS
1080P



JETSON XAVIER NX
6 TFLOPS (FP16)
21 TOPS (INT8)
10-15W
45MM X 70MM

1-8 CHANNELS
1080P

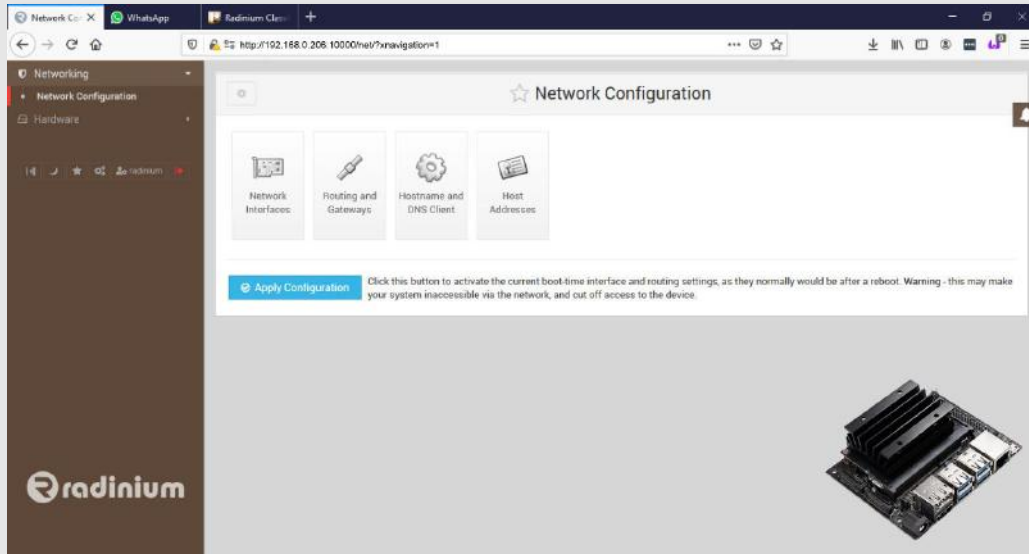


JETSON AGX XAVIER
20-32 TOPS (INT8)
5.5-11 TFLOPS (FP16)
10-30W
100MM X 87MM

1-16 CHANNELS
1080P

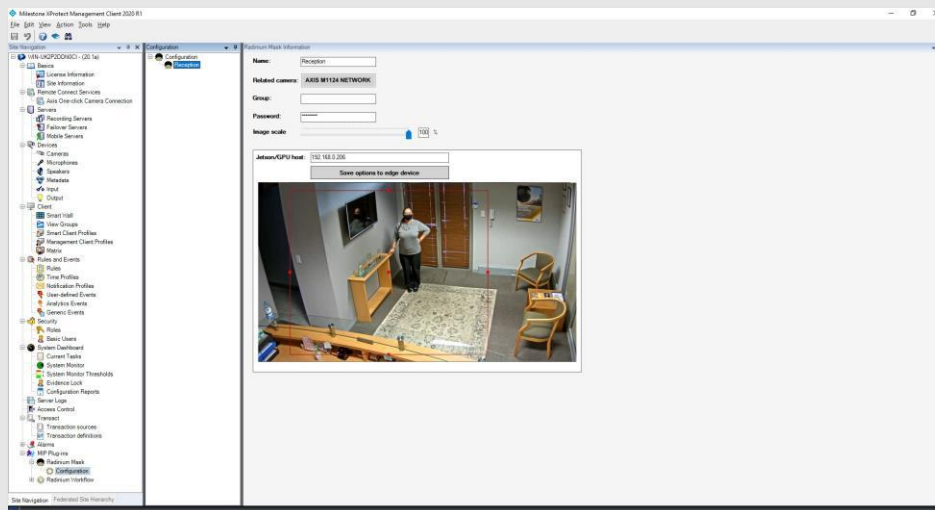


4 nVidia Jetson Web interface



Radium created an easy web interface to setup the Jetson for the first time, just by giving it an IP address and Password. No additional configuration or settings is required.

5 Milestone Management Client



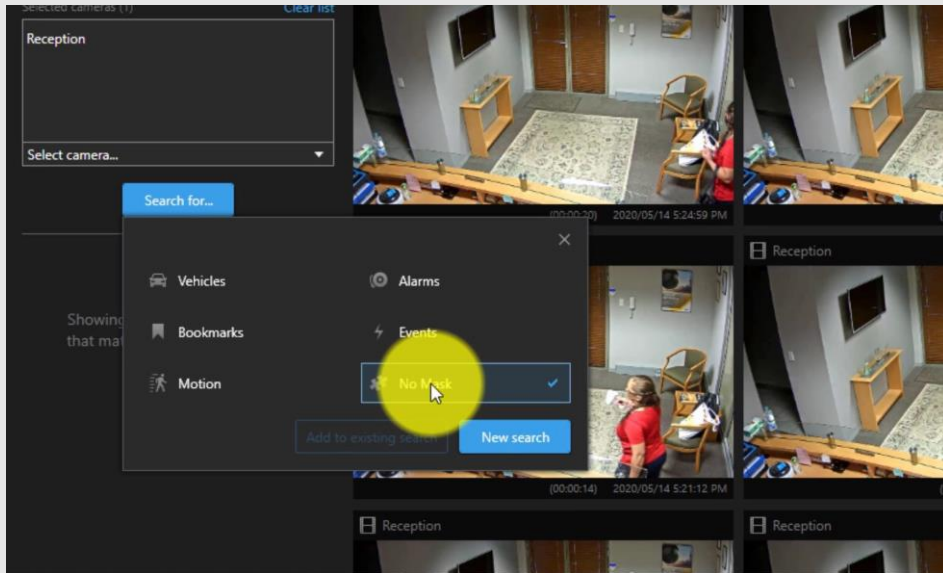
Add a network camera stream and configure everything from the Management Client. Realtime processed stream from the nVidia Jetson GPU, pulled from the Milestone Recording Server.

Select and draw the area of interest with the red bounding box.

Minimum face size = 60 x 80 px @ 720p

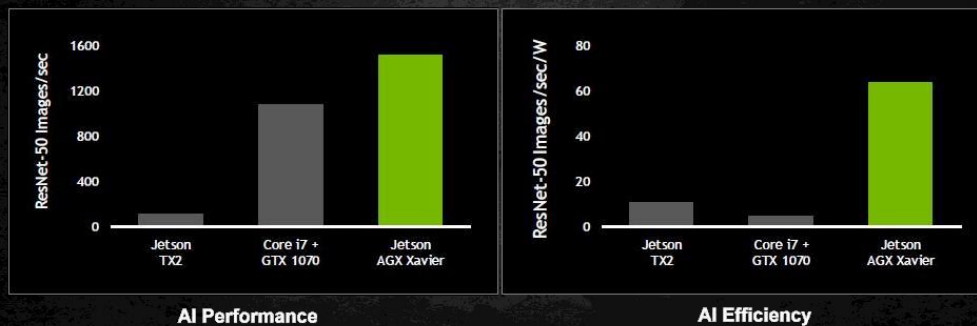


6 Forensic Search



No-Mask Forensic Search available for Milestone XProtect® Expert and Corporate.

JETSON AGX XAVIER GPU WORKSTATION PERF | 1/10TH POWER



Visit our website to see more

radinium.com

RULES NEED NOT BE BROKEN