FLIR

PRODUCT TRAINING

ELARA™ FR-345-EST

KAI MONCINO | PRODUCT MANAGER, CRITICAL INFRASTRUCTURE

◆FLIR®

ELARA™ FR-345-EST

The Elara brand customer profile:
- Driven by regulations
- Mid-range price
- Networked deployments

Fixed Radiometric

320 x 240 resolution

45° Horizontal FOV

Designed for EST applications

CORE MESSAGE KEY VALUES

FLIR Elara™ FR-345-EST

What?

- Affordable, fixed-mount radiometric camera

Why?

- Used in medium to high throughput entry control points to accurately measure skin temperature when entering a facility

How is it different from other FLIR solutions for skin temperature screening?

- On-edge, intelligent face detection prompts the interactive screen to alert an individual when they need to remove glasses, while also guiding them to the correct position for best measurement.

- The non-contact camera automatically locates and measures the inner canthus (corner of the eye) within one second and provides an instant pass/fail graphic to the individual.

- Integration with VMS systems further streamlines workflow and decision-making for facilities, while helping security personnel maintain a safe distance from potential health risks.

◆FLIR

PRODUCT FEATURES

Built-in screening interface

ONVIF*, FLIR UVMS and 3rd party VMS integrations

1080p visible imager

Onboard automatic canthus detection

Digital I/O for access control integration

Radiometric thermal imager

1 second screening time

User-alignment feedback

Automatic face, mask, and eyewear detection

*ONVIF cannot be claimed publicly until official certification is complete

TARGET APPLICATIONS

TRAVEL/TRANSPORT

COMMERCIAL ENTERPRISES

MANUFACTURING

HIGHER EDUCATION

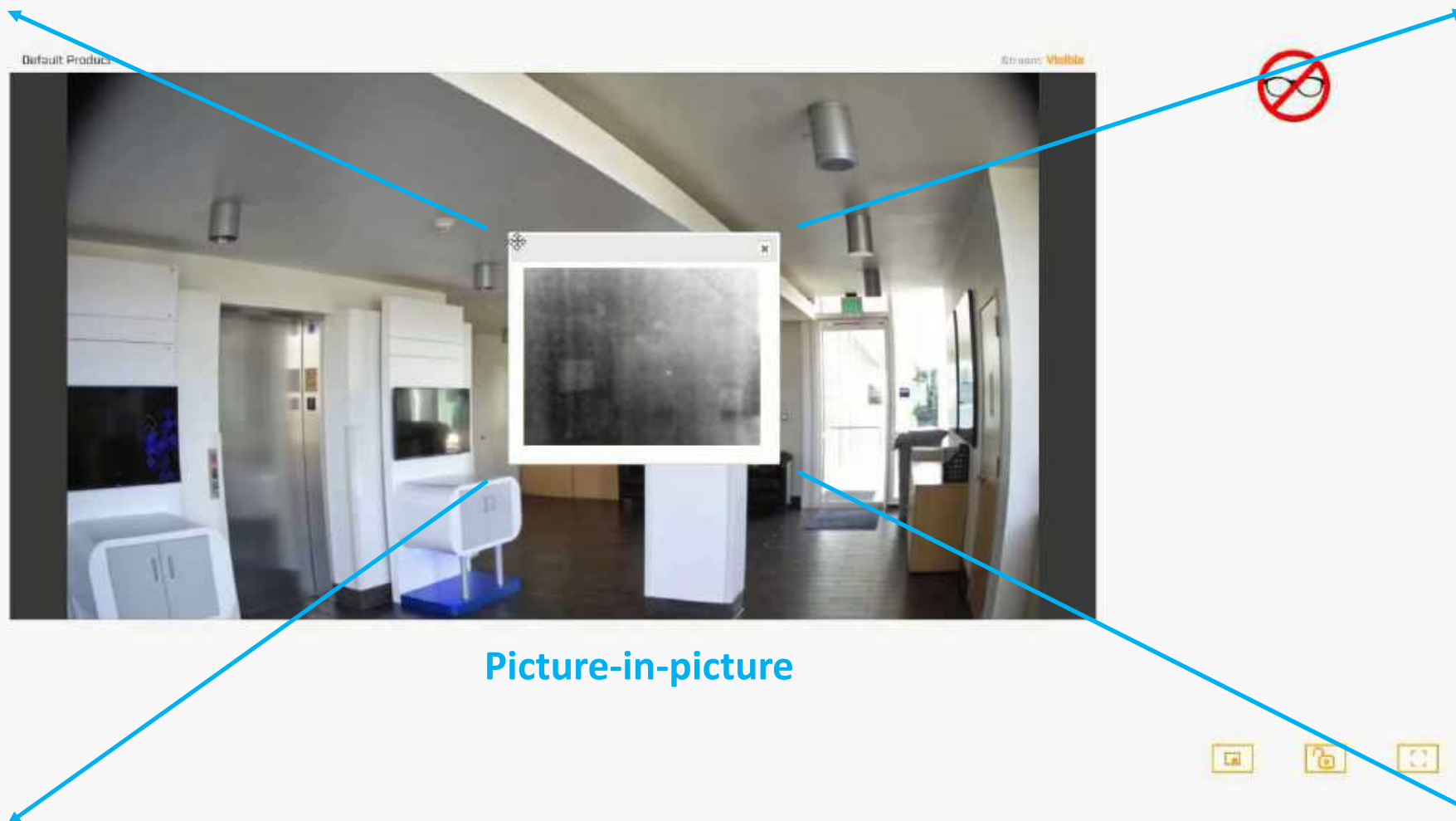# APPLICATION OVERVIEW
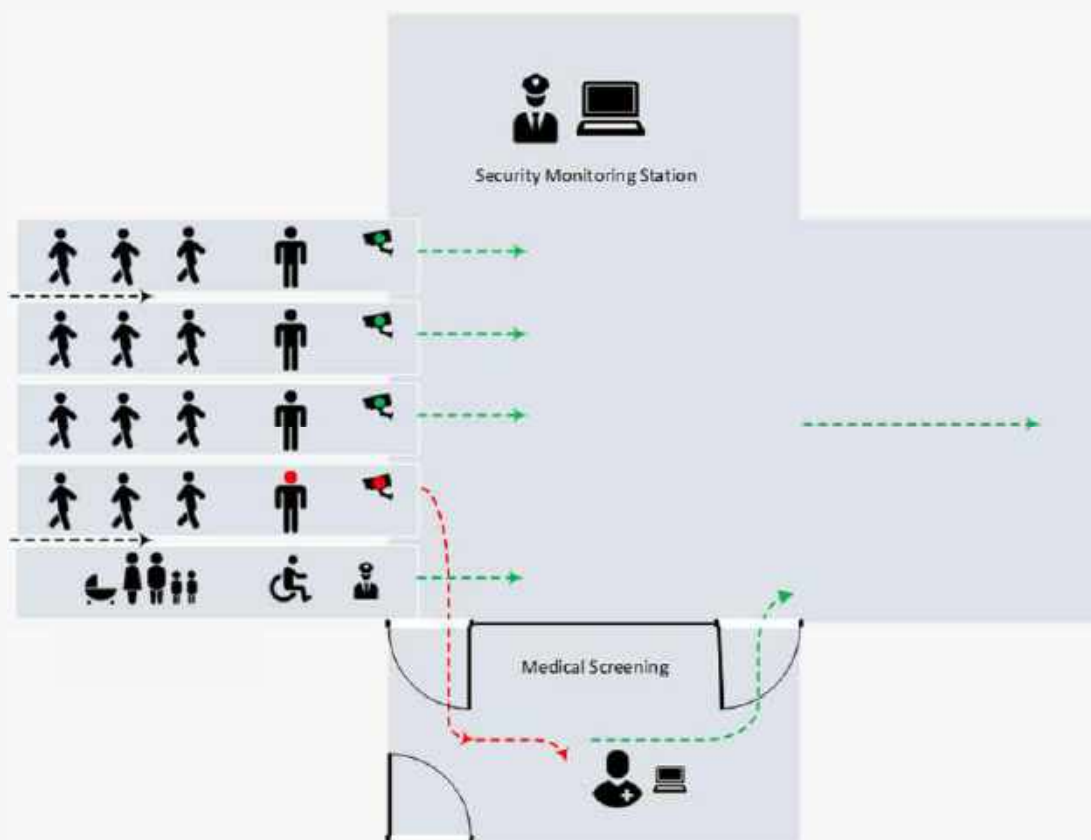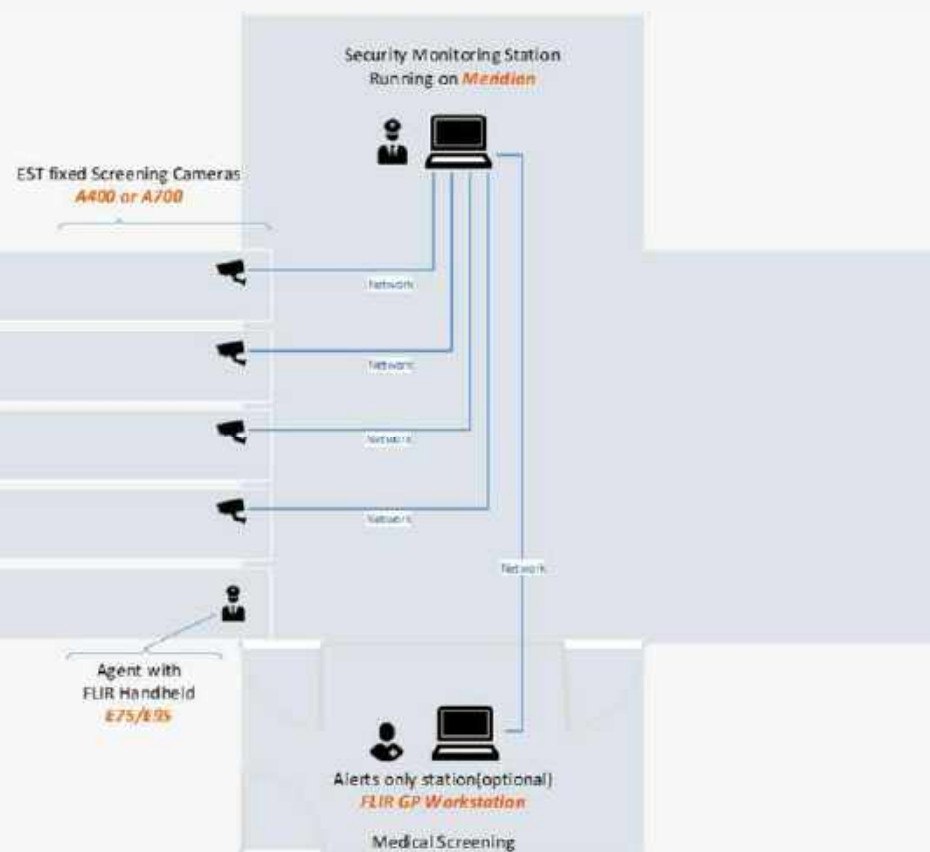
APPLICATION OVERVIEW

CONFIGURATION

CONFIGURATION

CONFIGURATION

Picture-in-picture

CONFIGURATION

Lock into full screen mode to prevent tampering

SCREENING INTERFACE
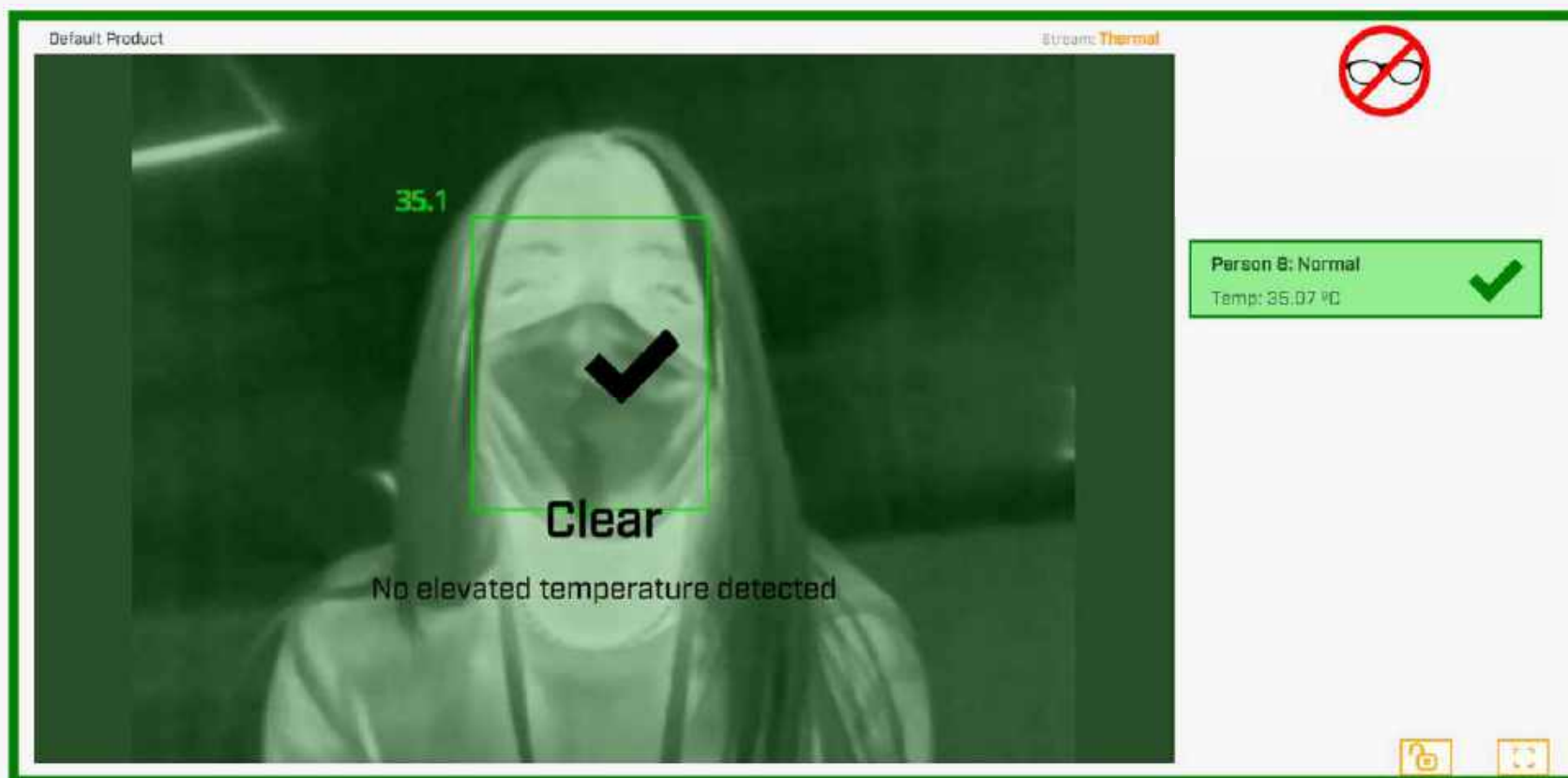

Portrait Mode

Landscape Mode
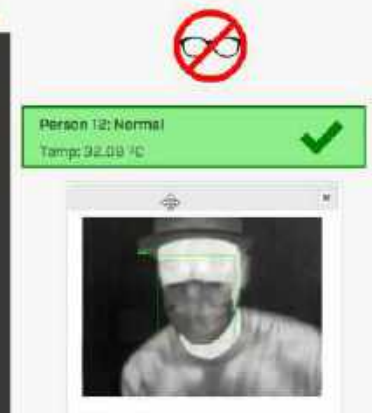
SCREENING INTERFACE
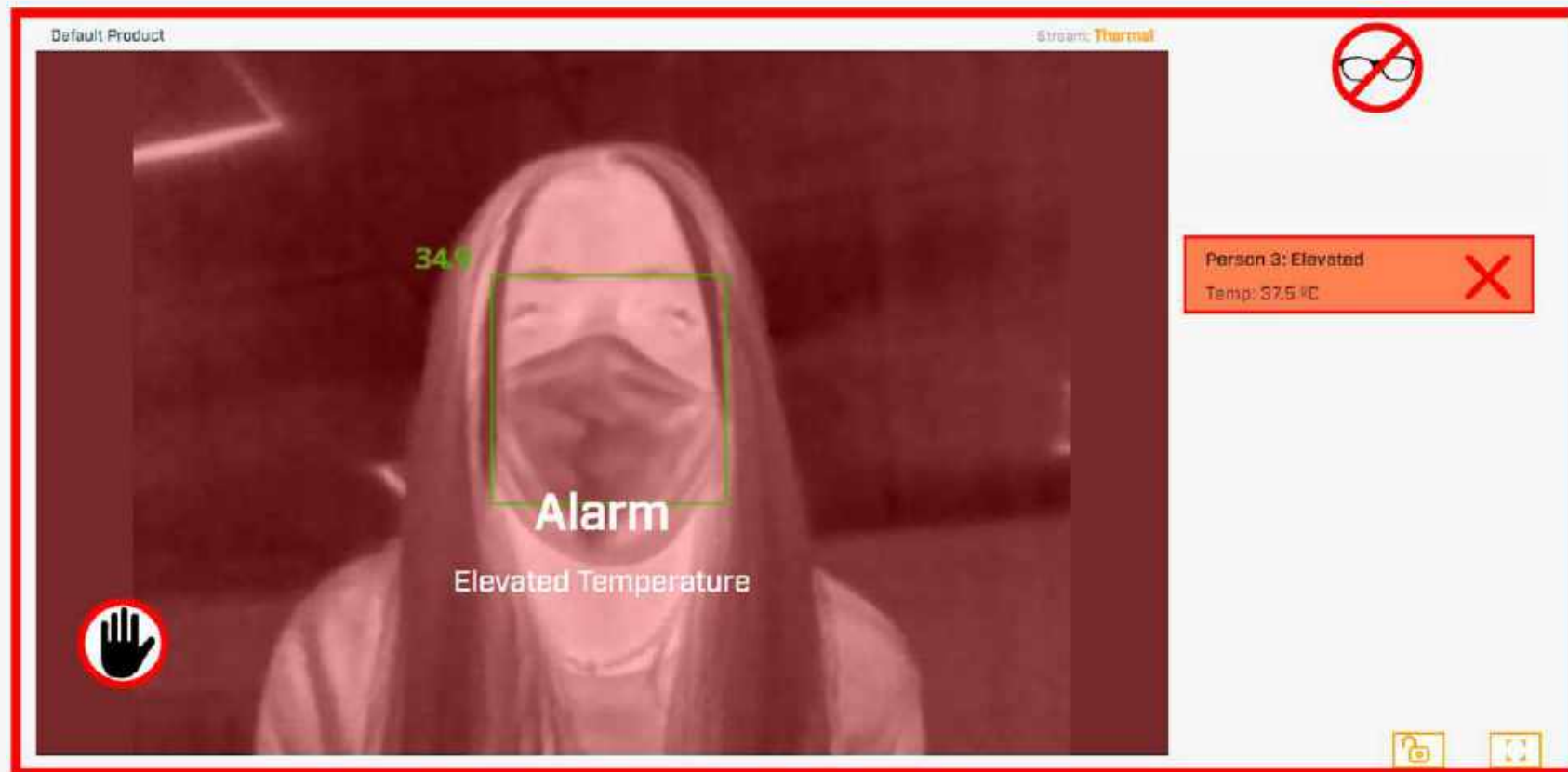
READING TEMPERATURE

SCREENING INTERFACE
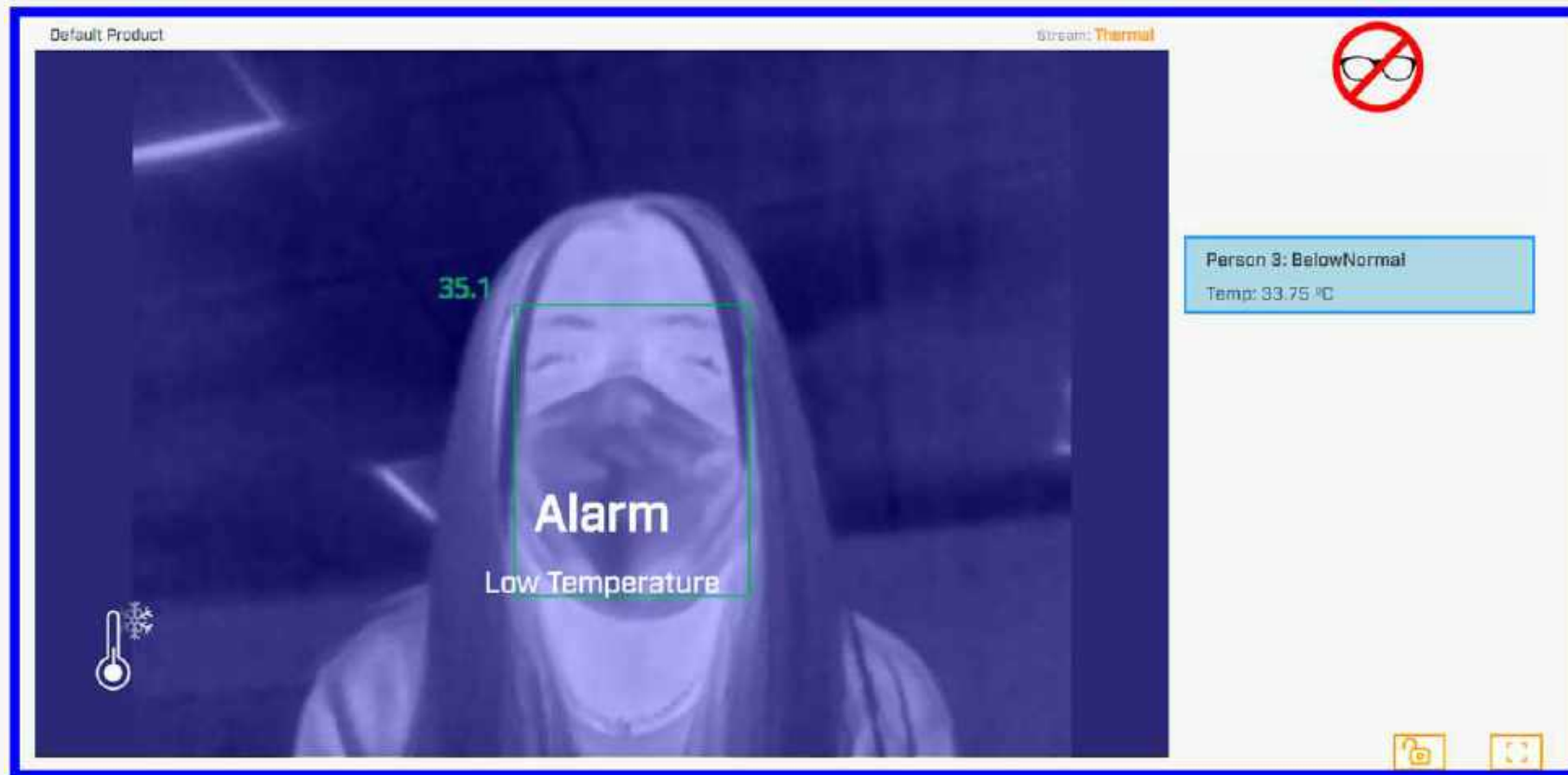
TEMPERATURE OK

SCREENING INTERFACE

HIGH TEMPERATURE

SCREENING INTERFACE

LOW TEMPERATURE
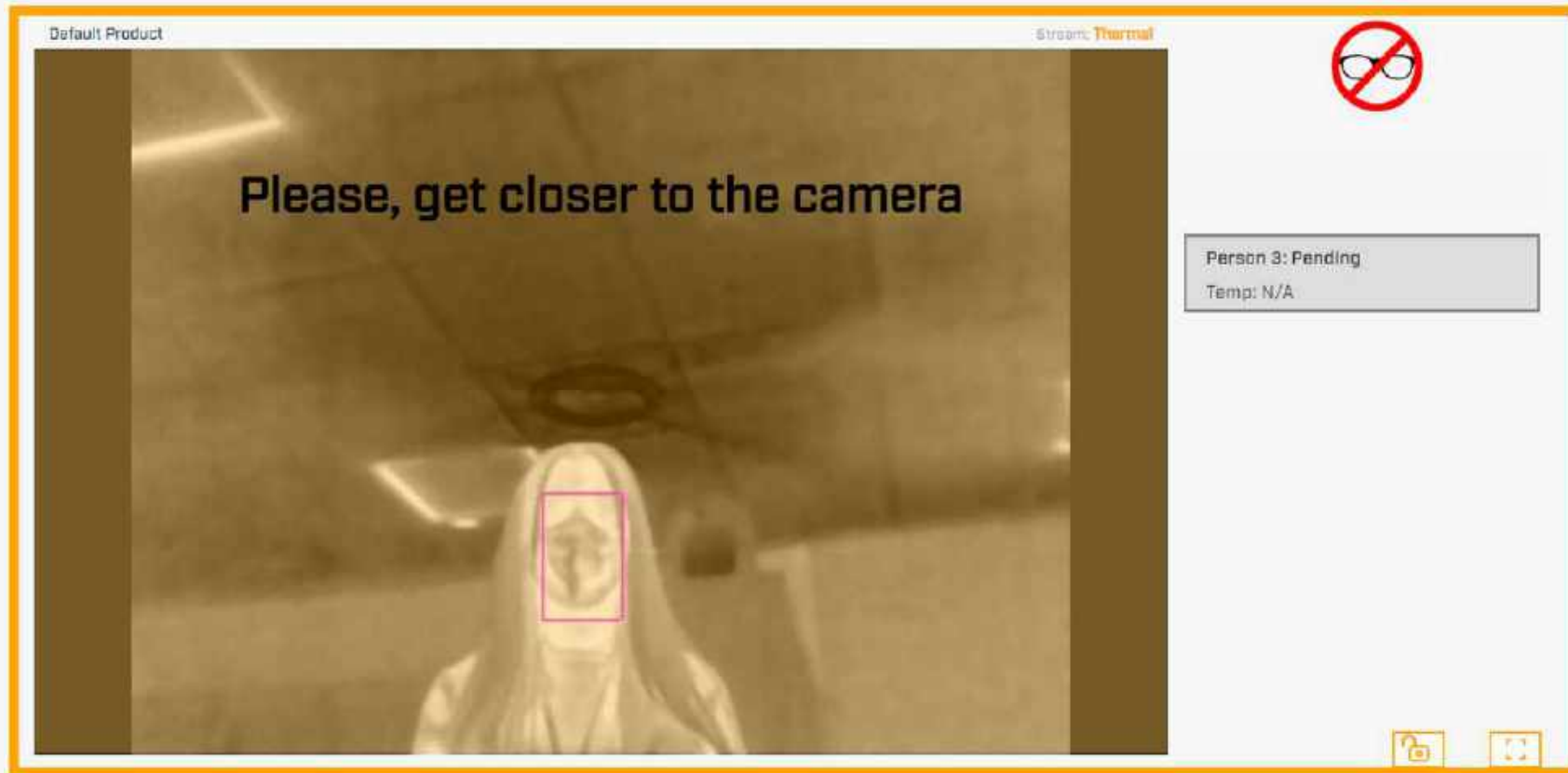
SCREENING INTERFACE

GLASSES DETECTION

SCREENING INTERFACE

PERSON NOT LOOKING DIRECTLY TO CAMERA

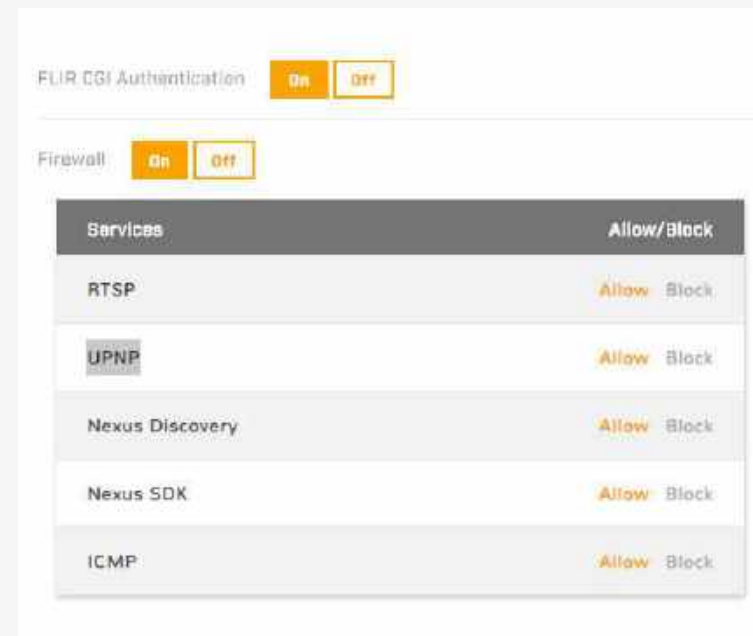# SCREENING INTERFACE

PERSON TOO FAR FROM THE CAMERA

SCREENING INTERFACE

CYBER SECURITY

✓ IEEE 802.1x – physical network authentication

✓ TLS/HTTPS – both control & streaming

✓ Enforcing strict password policy

✓ Software updates are signed and encrypted

✓ SSH port closed is removed from GA version

✓ Firewall control for: RTSP, UPnP, Nexus SDK, etc.

FLIR CGI Authentication [On] [Off]

Firewall [On] [Off]

Services	Allow/Block
RTSP	Allow Block
UPNP	Allow Block
Nexus Discovery	Allow Block
Nexus SDK	Allow Block
ICMP	Allow Block

INTEGRATIONS
(NOT ALL AVAILABLE AT TIME OF INITIAL RELEASE)
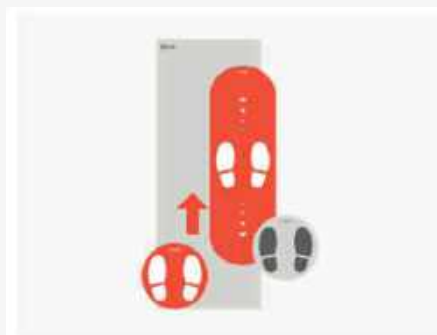
SCREEN-EST

UNITED VMS

Genetec

milestone
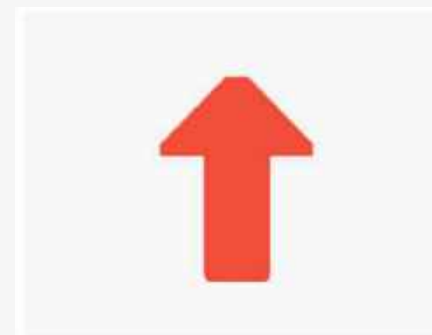
AVIGILON

exacqVision

ACCESSORIES

◆FLIR®

SCREENING STATION BACKDROP &
STICKER KIT (T300366)

SCREENING STATION FLOOR STICKERS
(T131180)

SCREENING STATION QUEUE MARKERS
(T131179)

SCREENING STATION DIRECTION ARROWS
(T131178)

Camera backbox
(CB-WLBX-G4)

USS Full HD Monitor

POE + SUPPLY IEEE 802.3AT