

intuVision® Video Analytics Tailgate Solution

Tailgate Detection and Prevention

Using a camera viewing the access controlled doorway, intuVision's video analytics based solution puts an end to tailgating.

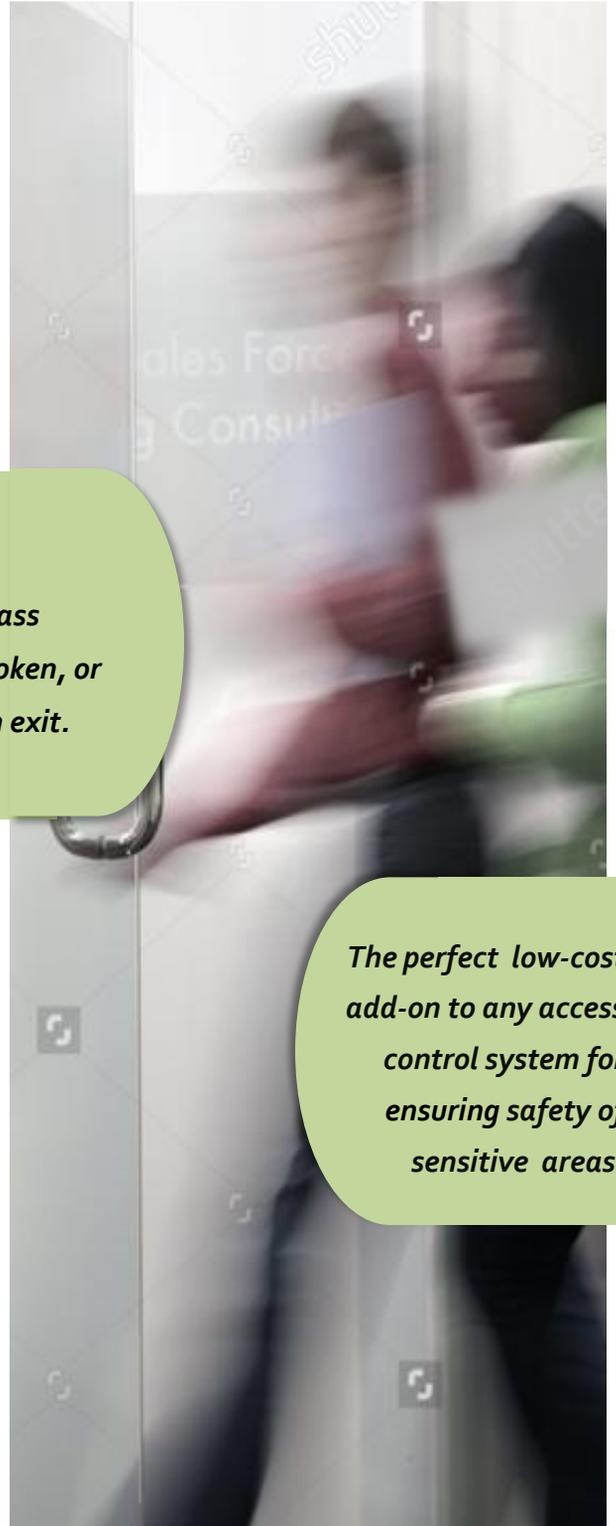
intuVision tailgate solution detects and deters unauthorized entry through secure doors, and logs potentially unsafe activity with visual verification.

intuVision VA's powerful algorithms detect possible tailgating when more than one person attempt to pass through the secure door on a single access control token, or an entry is made while the door is still open after an exit.

Unauthorized access to controlled areas present a serious security threat to infrastructure and data resources.

- An access controlled gateway is only as secure as the people who are authorized to use it
- Tailgating takes place intentionally or unintentionally when more than one person enters through an access controlled door using a single person's credentials, or a proprietor takes advantage of a slow closing door after someone exits.

The perfect low-cost add-on to any access control system for ensuring safety of sensitive areas.



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Example Deployment

intuVision VA Tailgating solution is compatible with most access control systems and is easy to deploy. For cameras with audio talk down feature, intuVision software can trigger recorded voice messages upon tailgating detections

Hardware at a Glance:

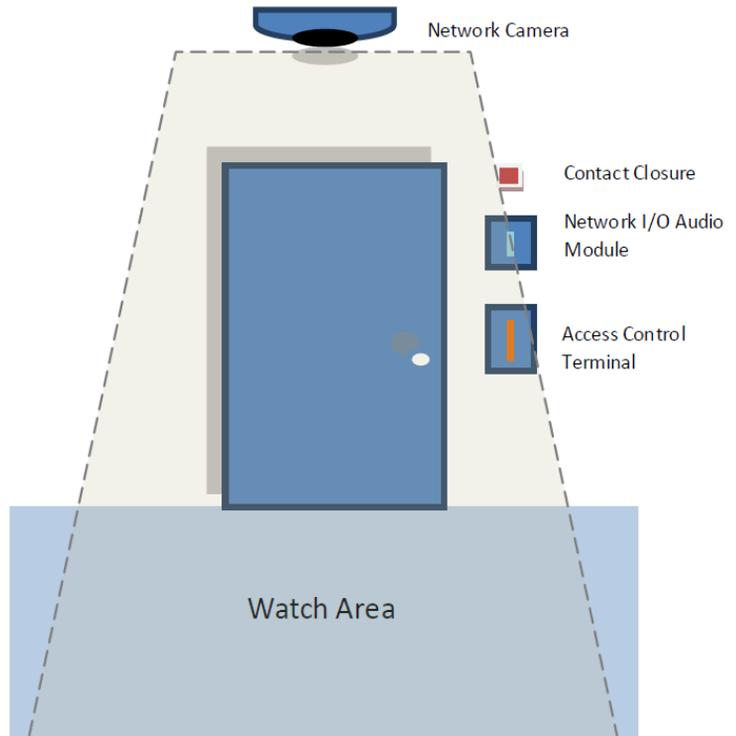
- Existing Access control system and camera
- Network I/O Module
- Contact Closure (recommended)
- intuVision hw Unit, w/ intuVision VA installed (intuVision software can run on select VMS boxes, existing hardware or low-cost units available from intuVision. If using existing hw please verify suitability)

Requirements:

- Camera is mounted at the ceiling looking down to the "watch area" with a clear view of the front of the door (recommended minimum height: 10ft)
- Access Control System with electronic door strikes and support for HTTP triggers

Installation:

- Door strike positive leads is spliced into Network I/O Module
- Contact closure is wired into Network I/O Module



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Allowed Entry Scenarios

Entry Scenario-1 : Single Authorized User

1. A person enters the watch area presents credentials
2. intuVision VA detects one person in watch area
3. Access Control device grants access and sends signal to door strike to open; door opens and person enters
4. intuVision VA logs the Entrance event

Entry Scenario-2 : Two Authorized Users

1. First person enters the watch area presents credentials
2. Access Control device grants access and sends signal to door strike to open, allowing person to enter
3. Second person enters the watch area while the door is open and presents credentials, the door remains open
4. Second person enters
5. intuVision VA logs two Entrance events

Example Tailgate Scenarios

Tailgate Scenario 1

1. The door is opened from inside as one Person exits, Contact Closure status is "open"
2. intuVision VA detects a second person in watch area
3. intuVision VA detects the event as a possible Tailgate, logs the event alarm with image snapshots and triggers camera audio to play a Warning Message

Tailgate Scenario 2

1. One Person enters the watch area, presents credentials
2. Access Control grants access and sends signal to door strike allowing person to enter
3. Contact Closure state becomes "open"
4. Second person enters the watch area within X seconds before door is locked
5. intuVision VA detects the event as a possible Tailgate, logs the event alarm with image snapshots, triggers camera audio to play a Warning Message

Tailgate Prevention Scenario

1. One Person enters the watch area presents credentials
2. Second person enters watch area
3. intuVision VA detects two people in watch area and instructs the I/O Module to short circuit door strike
4. intuVision VA sends message to camera audio to play message instructing second person to step out of the watch area and proceed after the first person clears the area
5. intuVision VA logs the potential Tailgate event alarm with image snapshots and triggers camera audio to play a Warning Message
6. Access Control grants access, but door will not open because of the door strike in (3)