intuVision Use Case Scenario: Tailgating

Preventing Unauthorized Entry into Secure Facility

Low cost, high accuracy alternative to hardware anti-tailgate solutions. Minimal configuration and simple setup and reliable performance to provide safety and security to any facility.

The Challenge

Tailgating into sensitive areas present a serious security threat to infrastructure and data resources due to the ease of unauthorized entry following a card swipe. Traditional hardware anti-tailgating solutions can be prohibitively expensive and invasive to install, yet can still be deceived.

The Solution – intuVision VA Tailgating

Leveraging robust people detection and counting analytics combined with access control device triggers potential tailgating instances are detected and alerts are sent for immediate action.

Equipment-at-a-Glance

Hardware: Axis IP camera and I/O Module, c-CURE Access Control, exacqVsion NVR (running VMS & intuVision sw).

Software: intuVision VA Security Version 9.2
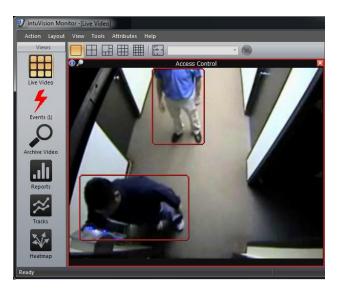
intuVision VA Anti-tailgate Solution

With over 10 years of experience in video analytics, intuVision's custom built solution for tailgate detection is the perfect add-on to any access control system to ensure security in vulnerable areas.

This flexible alternative to expensive hardware devices allows tailoring to site specific requirements while maintaining high accuracy results.

Benefits

- Tagged video recording and incident snapshot details of all entrances to secure location
- Lightweight solution with minimal non-intrusive components
- Big cost savings compared to traditional anti-tailgate solutions

intuVision
intuitive video analytics

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intuVision's flexibility in ingesting video from cameras or VMSs and ingesting triggers from access control devices make this a versatile solution across deployments. A sample deployment using an exacqVision VMS and ingesting card swipe information from an Axis I/O module is outlined below.

Solution Details

Video from the camera viewing the secure door entrance area is ingested from the exacqVision software and processed on the NVR to detect and count person entrances. Since intuVision VA is an Exacq Certified Software Application, it is directly installed on the NVR without the need for additional hardware to run the analytics. As most instances of tailgating are malicious, intentional acts, it is typical that various tactics are used to deceive the system, including walking in lock-step, being carried on the back of others, etc. intuVision's patented algorithms analyze detected objects to determine the number of people entering and compare to the card swipes generated. If is it detected that more people entered than there were card swipes, a trigger is sent back to the I/O module, sounding an alarm. In other deployments a contact closure trigger is set to lock the door in the event of potential tailgating.