

Smart attendance monitoring

Conventional attendance monitoring systems in many of the IT / ITES industries often prove inadequate to detect and track irregularities such as proxy swiping and tailgating. Employing dedicated personnel to supervise such exploit is one possible solution, which not only increases overheads but brings problems of its own...until now!

A Smart Solution

Presenting Aftek's Smart Attendance Monitoring System - an apt solution for the 'smart' employees it is monitoring! Developed after a thorough understanding of problems faced by IT / ITES industries, data centers and banks, this Smart System addresses many of the common (and uncommon) problems that are inherent in traditional attendance monitoring systems. Comprising only of a camera and PC-based software, this smart system offers amazing versatility, without ever getting tired or partial like a human being. It incorporates advanced **Face Detection and Recognition** techniques which will capably complement your existing attendance monitoring systems. All you need to have is pictures of your employees and you are all set to identify the defaulters!

Benefits

- Hassle-free integration with existing system
- Automatic log of all attendance related activities
- Simple and intuitive web interface for supervision
- Configurable notifications like SMS / e-Mail alerts

Package Contents

- Camera
- PC-based Software
- User Guide

Minimum System Requirements

- Pentium IV, 1GB RAM, 80 GB HDD
- Windows® XP or above

Features

Monitoring & Detection

○ Proxy Swipes:

Any card swipe prompts the attendance monitoring system to verify the authenticity of an employee entering / exiting the premises. This is done by a real-time comparison between camera-fed, live image of the person swiping the card with that of his / her picture in system database. In case a valid match is not found, the system raises an alarm for proxy or false swipe.



○ Tailgating:

Tailgating occurs when **more than one** person tries to gain access inside / outside of the premises using a single, authentic card swipe. This 'extra' person(s) can be an employee who is not carrying his access card or an outsider who is intentionally or unintentionally trying to enter a forbidden area. In such cases, the system automatically tracks the number of people entering / exiting the premises against the number of valid card swipes, thus detecting the tailgating and raising the alarm.



Alerts & Web Interface

In case of irregularities / potential threats, an automated alert gets generated as explained above which can be received through either an email or SMS. You can easily assign severity levels and configure the frequency of these alerts. Additionally, a log of all these activities is recorded and stored for further analysis and you are also provided with a feature-rich User Interface (UI) where you can selectively address and resolve the attendance conflicts. Moreover, as this UI is web-based, you can access it anytime, anywhere.



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