SECURITY

Increasing incidents of negligence and crimes have raised numerous doubts and questions in the minds of every parent, school administration, and every responsible citizen. It is necessary to ensure students are safe and feel safe all the times. Schools have a big responsibility of supervising a massive number of students at all times and keeping peace & order within school grounds.

Vigilance and keeping an eye out for any abnormal activity or deviations in students or intruders behaviour is something that must be improved & strengthened because at any given moment anything may happen, and failure to take proper precautions will carry great risks and consequences. All educational institutes will agree that protecting students is their #1 priority.

How can we ensure the safety of students and ensure security within school premises?
The answer is CCTV Surveillance Systems (with optional face recognition technology). In the age of technology, this simple weapon is one of the most effective and accurate ways to prevent & protect against incidents . CCTV surveillance is of great importance in schools.
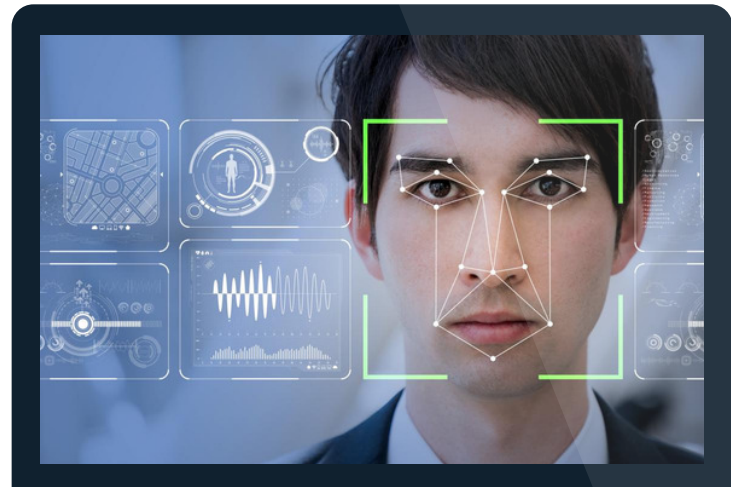
WHY CCTV?

- It acts as a deterrent to anybody with wrong intent.
- It assists security guards since it is accurate and thus never tires or loses focus.
- It helps in monitoring and keeping track of activities taking place in school premises.
- It helps to identify and capture any intruders or offenders.
- It allows an effective access control so that only authorized persons access the school thus making it easier to keep the entrances and exits of a school secure.
- It helps in keeping a watch on valuables and appropriate use of resources within the school.
- It is useful in organizing evacuation in case of emergencies and reducing the response time when planning security drills.
- In the event of any vandalism or theft, it is a useful tool in protecting the school property and identifying the perpetrators.
- It can be used to keep track of attendance of students, teachers and support staff alike, along with ensuring they are all doing their work efficiently.
- With increased cases of raging, bullying, and incidents , it not only acts as a deterrent, it also helps in bringing justice to any offenders.
- It helps to keep parents' mind at ease about the safety and security of their children while they are away at school.
- It helps in keeping a watch on the teachers' methods of teaching and punctuality.

ACCESS CONTROL

HOW FACE RECOGNITION WORKS

Access control is the perfect solution for schools in controlling access to physical locations such as facility entrances, buildings, offices, data centers, and restricted areas in general. Facial recognition using CCTV can be captured from a distance without touching the person being identified, and the identification does not require interacting with the person.

Various distinguishable landmarks of facial features are measured by facial recognition tech (FRT) from approximately 80 nodal points, creating a faceprint – a numerical code. Some of these features include length of the jawline, cheekbones shape, distance between the eyes and the depth of the eye sockets, and the nose width. The measurements gathered by the system are then put in a database and compared to other detected faces when a certain person stands before the camera.
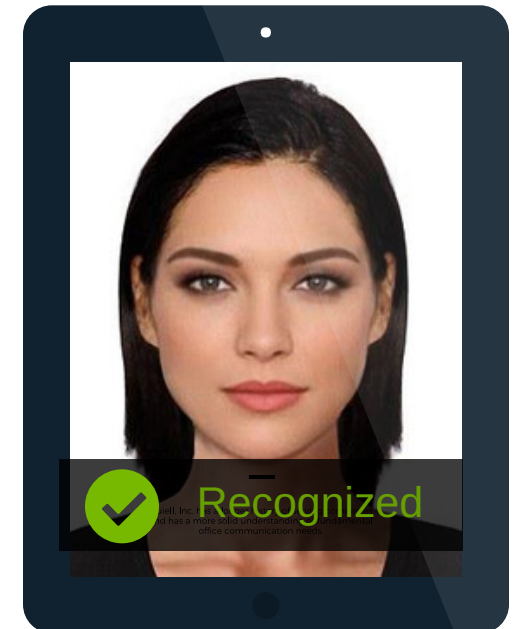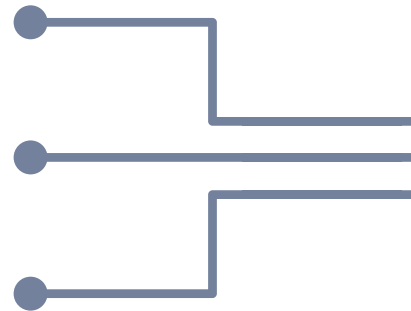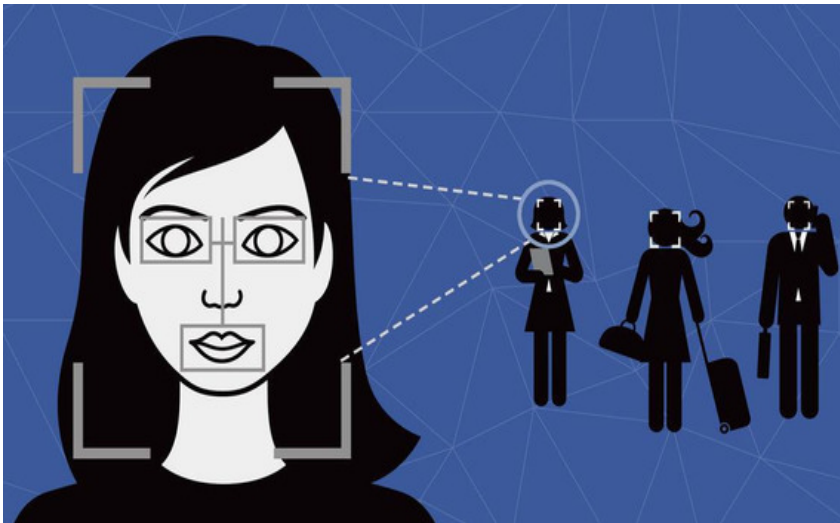
It's the fastest biometric technology thats only purpose is to identify human faces. Current face recognition systems analyze the characteristics of a person's face, It's the least intrusive method that provides no delays and leaves the subjects entirely unaware of the process.

ACCESS CONTROL

FACE RECOGNITION

In short, the use of facial recognition software allows your CCTV security algorithms trigger an alert when it identifies particular individuals with no authorization, or are black listed. It is an irreplaceable technology equally for finding shoplifters, thieves/intruders, or potential terrorists, and unauthorized individuals.

ACCESS CONTROL

BENEFITS OF FACE RECOGNITION

The Improvement of Security Level; All premises would be protected since you'll be able to track both the employees, students and any visitors that come into the area. Anyone who doesn't have access or permission to be there will be captured by the recognition system that alerts you instantly about the trespassing.

Easy Integration Process; Integratable facial recognition tools work pretty flawlessly with the existing security software that companies have installed. And they're also easy to program for interaction with a company's computer system.

High Accuracy Rates; the process of identification happens to be incredibly accurate and showing great results.

Full Automation; facial recognition technology automates the identification process and ensures its precise every time. You won't even need an employee to monitor the cameras 24/7.

Entrance logging; One of the big benefits that facial recognition technology offers is the Entrance tracking that allows any individual to be logged in or out of school automatically. No more buddy favours from securities for unauthorized students and intruders, since everyone now has to pass a face scanning devices to enter school premises.