

How Smart Access Control is Making Smart Buildings Safer

As employees start to trickle back into the office, it's vital that building owners and facilities managers re-examine their workspace strategies as they plan for this next phase of building occupancy.

They're asking questions they've never considered before, such as:

- How can we adequately protect our workforce from physical threats?
- How can we protect secure areas and critical infrastructure from unauthorized access?
- How can we deliver a touchless experience?
- How can we provide superior, frictionless experiences to entice our employees back into the office in the first place?

Getting these decisions right will prove crucial: they can effectively improve visitor management, uphold health and safety guidelines, and enhance the overall tenant/employee experience and well-being.

The Importance of Smart Access Control

Access control systems are a critical component in smart buildings as consistent security has become critical. Touchless access control systems can also be employed to control the flow of traffic within your facility and prevent unauthorized people from gaining access to protected areas.



Touchless Access Control

The health and safety of all employees, staff, and visitors is a top concern for any organization when it comes to reopening a workplace or communal building. Traditional access methods, such as door handles, keypads, and fingerprint readers, are some of the most commonly touched surfaces in any building. When it comes to returning to work safely, eliminating the need to make contact with those common touchpoints upon entry creates a more hygienic environment for everyone.



Virtual Gates Using CCTV Cameras

Create zones inside your facility where physical barriers are not possible and determine a clearance level for each zone. This type of granular access can help enterprises lock down specific zones for authorized personnel and empower security with greater levels of flexibility as they develop a layered approach to security.



Location and Time Based Alerting

Have personnel who are permitted to access only certain zones at specific time frames (like shift employees)? Establish groups of employees and visitors, and provide each with their own access permission levels.



Guest Management

Have one-time or sporadic visitors in your place of business, such as interviewees, family members of employees, vendors, and delivery providers? Enroll them in your access control system and set a defined time frame of their expected visit. If they arrive before or after, or if they wander off to a restricted zone, instantly get notified.



Tailgating Prevention

Block tailgating attempts as they occur in real-time. When tailgating occurs, your security team is immediately alerted so they can take appropriate action.



Automatic Zone Creation & Irregular Access Paths

Understand irregular movements throughout a space with a system that automatically learns sterile zones. Areas which are used and not used can also be monitored through automatic border detection and camera calibration. Oosto can create zones where physical barriers may not be possible for health, safety and security considerations.



Time & Attendance

After being authorized for entry, employees are simultaneously clocked in, resulting in seamless time management. The integration between Oosto's access control and your time and attendance program is configured via API, enabling team members to clock in and out with touchless self-service access.



Mask Verification

Enable seamless entry to your building by recognizing individuals without requiring the removal of masks. Ensure your employees and visitors are wearing masks indoors or around larger groups, while allowing the removal of masks within certain areas, such as food lounges, outdoor seating areas, etc.

A Safer Tomorrow

By incorporating biometric-based access control technologies into your smart buildings, developers, landlords, facility managers and occupiers of commercial real estate facilities can create safer, more secure spaces. A truly smart building integrates a network of different technologies to create a digital infrastructure and ideally, each technology can fuel the other.

After all, a smart building is only as smart as the technologies fueling it.

