



Getting People Back To Work During COVID-19

Area Counting/Pre-Booking Systems for occupancy management when social distancing

INTRODUCTION

The outbreak of the COVID-19 virus has presented a challenge to communities and businesses.

The use of **Electronic Access Control** has become more than a means to prevent criminal activity. It's now appearing as a key tool for businesses in the following ways:

- ✓ To manage and audit occupancy levels to ensure social distancing
- ✓ To enhance customer experience by giving customers appointments and a QR code, allowing hands-free entrance
- ✓ By proving other hands-free devices such as touch-free exit buttons, Bluetooth readers, QR code readers
- ✓ By providing temperature reading facial devices which can also check if people are wearing a mask
- ✓ By providing contact traceability reports where a person had become infected, and you want to trace who may come in contact, or was working in that vicinity
- ✓ Giving alarms on busy locations to assist deployment of cleaning staff in real-time.

As we start actively planning to open our places of work safely, Vanderbilt is providing our customers with smart and reliable strategies to help create a safer environment for staff and visitors.

At Vanderbilt, we have explored best practices for protecting employees and visitors when they come to a building.

By implementing the following security strategies, we believe businesses can help create a safe environment.

- ✓ Area counting
- ✓ Pre-booking systems for customers and visitors
- ✓ Minimize contact with access control devices
- ✓ Contact trace reporting
- ✓ Thermal image camera usage with mask detection and palm reading
- ✓ Visitor management systems
- ✓ Remote security management and maintenance
- ✓ Providing alarm when thresholds are met to alert cleaning staff to cleanse an area.



Vanderbilt's Access Control solutions can manage the number of people in an area at any one time.

Automated people counting systems offer a method of counting and limiting access to certain areas.

Operators can enable a maximum occupancy level to prevent overcrowding within a building or in an area.

These systems can provide live data and trigger alarms in the event of an occupancy breach.

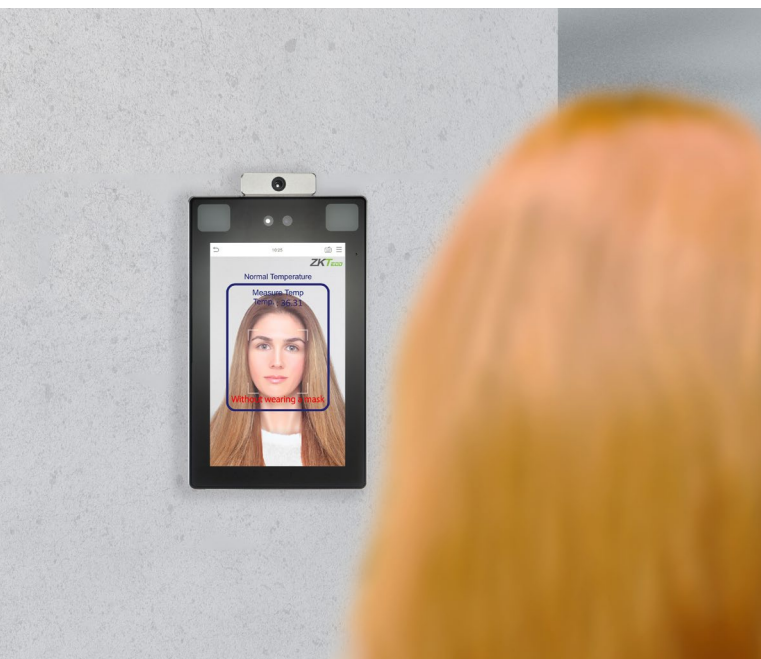
This live data will enable organizations to take proactive decisions to prevent overcrowding and enforce social distancing effectively.

This will enable security operators to evaluate which areas of a building are vulnerable to overcrowding with live statistics, including heat and path maps, people count reports, zone breakdowns, and alerts of congestion and bottlenecks.

A red light or red and green lights can be triggered to show when people can enter.

Example:

Retail Outlet/Supermarket controlling how many people they can have in their store, with a red and green light being turned on as occupancy levels reach user-defined thresholds.



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