

# IBM Worker Insights with IBM Video Analytics



Helping employers with COVID-19 return to workplace efforts

IBM Video Analytics is part of the IBM Worker Insights solution and offers capabilities to help businesses prepare for their employees to return to the workplace after COVID-19 related restrictions are lifted. The solution relies on the existence of cameras to capture live video streams for analysis.

Businesses may be able to leverage cameras that are already in place for other purposes. Connecting existing cameras to IBM Video Analytics with customizable models and the power of AI can help businesses quickly comply with return to work operational guidelines and mandates.

## PPE Monitoring



IBM Video Analytics, even with low resolution video, can help employers monitor the implementation of appropriate and required use of PPE (Personal Protective Equipment). The most common PPE monitoring involves face coverings (masks), shields, smocks and gloves. A real time alert can be sent to a supervisor or other alert system if anyone is detected not wearing a mask, gloves or other required PPE.

## Occupancy and Social Distancing

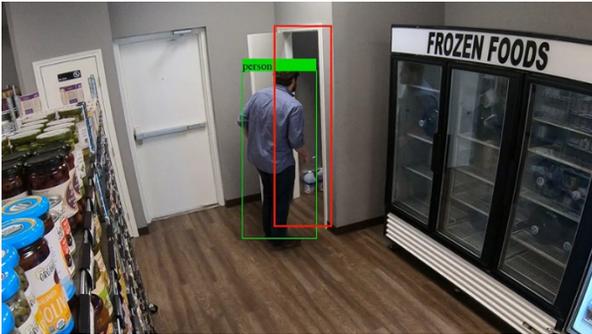


IBM Video Analytics can count the number of people entering and exiting a physical space. It can perform social distance monitoring, involving measurement of space between people as they move around. The system accounts for various angles and overlapping images, while measuring how far apart people are from one another. When the model indicates that occupancy is exceeded or that air space may not be adequate between people, a real-time alert can be triggered.

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## No-Go Zone



IBM Video Analytics can automatically detect people who enter a restricted area and then send real-time alerts to supervisors when entrance is detected in the defined no-go zone. The power of AI also helps reduce false positive alerts.

## Workplace Sanitization



IBM Video Analytics with heat mapping, noting foot traffic and dwell times, can identify areas an employer should consider for more frequent cleaning. For example, an employer may plan to clean all surfaces once a day, but high traffic areas on heat maps may be disinfected every hour.

## IBM Video Analytics for COVID-19 and Beyond

The IBM Video Analytics solution is designed to be implemented quickly in a hybrid cloud or on-premises scenario, depending on customer requirements and security controls. Video analytics is somewhat dependent upon video quality and physical placement of cameras (i.e., grainy video, obstructions, shadows, bad lighting), but in many cases, IBM Video Analytics is capable of achieving desired results even when video quality is imperfect. IBM Video Analytics is offered as an integrated part of the [IBM Worker Insights](#) solution.

You may also contact your IBM representative to [schedule a briefing](#). Together, we can return to the workplace and return to growth.

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