



# Considerations for Reopening Safe and Secure Workplaces



As businesses resume operations during this global pandemic, Internet of Things (IoT) applications will be instrumental in helping human resource departments and facility managers connect and protect their employees by delivering solutions to promote healthy workspaces.

Here are the top five critical areas to mitigate risks associated with COVID-19:

## Facility Hygiene



o Automated check-in and touchless infrared temperature sensor kiosks prescreen employees and visitors prior to entering facility

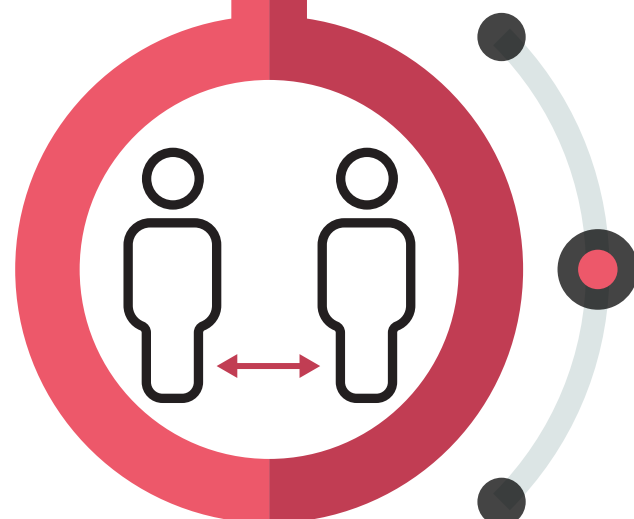


o Predictive cleaning solutions collect facility usage and traffic data for designated high-use areas



o Touchless sensors and supply systems for toilets, soap dispensers, faucets, and paper towel dispensers promote safety

## Social Distancing



o Smart badges and wearables monitor the proximity of employees to decrease risk of infectious transmission



o Ensure six feet (two meters) of distance between workers with device warning features to provide immediate feedback and training

## Contact Tracing



o Wearable devices allow employers to accurately pinpoint which employees are at high risk of infection due to previous contact



o Identification and quarantine of potentially infectious individuals is a critical step in protecting employees at a worksite

## Occupancy Control

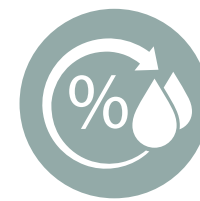


o Density control sensors provide anonymous, real-time people count for pre-defined capacity levels



o Data-driven insights inform practical adjustments to operating procedures and minimize employee traffic flow

## Air Quality



o Indoor air quality sensors for CO2, humidity and temperature enable reduced COVID-19 aerosols



o Proper ventilation and filtration systems effectively control and reduce the spread of COVID-19

Semtech's LoRa® devices enable an array of safe and secure workplace solutions that locate, detect and monitor data wirelessly. This powerful technology and ecosystem of integrated products safeguards the health of workers and delivers a secure work environment.

To explore LoRa-based solutions for COVID-19 support, visit [semtech.com/LoRa](https://semtech.com/LoRa)



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