



**3 Simple Ways IoT
Can Get Your Building
Back to Work Post-COVID**

K-12 schools, universities, offices and public buildings across America are reopening. Peel-and-stick wireless sensors can bring you back safer, faster.

Did you know you can stick EnOcean wireless sensors to a wall and get useful, remotely-accessible data in minutes using your existing WiFi network?

Here are three easy-install IoT solutions to get your building back to work.





Monitor Occupancy

As we get back to the office, social distancing remains a key safety measure — but it's hard to stay six feet apart at a crowded conference room table.

EnOcean sensors can help. Picture your most popular conference room — complete with a new occupancy sensor. When it detects the room is full, a smart light outside turns red, warning people to stay out. When the room is empty, it turns green, giving the go-ahead. This simple solution can prevent crowding and keep people safe.

Safety is just one reason you should pay attention to how many people are coming in and out of different parts of the building. That information can also drive efficiency and

productivity gains.

Say the data from the past several weeks show that the conference room is nearly always crowded, while a nearby breakout room is nearly always empty. A facilities manager armed with this information can redirect traffic to the breakout room, improving efficiency and productivity.

It's simple to monitor occupancy in real time with IoT. There are several easy-install options, including:

- Multiple sensor types to track people in seats and at desks



Improve Air Quality

According to the Centers for Disease Control and Prevention, improving ventilation is one of the most important things you can do to mitigate the risk of Covid-19. And fresh air does more than prevent airborne illness. Studies have shown low CO2 levels increase productivity and reduce absenteeism.

To boost efficiency and safety, install wireless and battery-free sensors throughout your building. When they show poor air quality, take steps to increase air flow.

Using sensors from members of the EnOcean Alliance, [Cavendish Engineers](#) took it a step further for its London clients. The engineering company used sensors connected to a smart HVAC system to route extra ventilation to rooms with high CO2 levels. Buildings that adopted the solution not only received fresher air, they cut air conditioning energy use by 42%.

Clean on Demand

Now more than ever, you need to guarantee clean, well-stocked restrooms. IoT can make that a lot easier.

Consider the [CWS](#) hygiene solution. Peel and stick EnOcean sensors on soap and paper towel dispensers communicate with the cloud. When the restroom is running low on essentials, cleaning staff get an alert and refill the containers.

Of course, keeping every room clean is important. But that can be easier said than done. Do you maintain your regular cleaning schedule, even if that's insufficient for heavily-trafficked rooms? Do you ramp up sanitization throughout the building, even if some rooms don't need it?

An IoT-driven clean-on-demand system helps you avoid this conundrum. Clean the rooms that get a lot of traffic, skip the rooms that don't.

Here's how it works: IoT sensors track room occupancy. Your smart building software shows you which rooms have been used. Staff clean as needed.

The simple addition of [EnOcean sensors](#) can save companies big on cleaning supplies and labor costs.



The pandemic has pushed companies to adopt IoT solutions at a breakneck pace. But the benefits of IoT will apply long after the Covid-19 crisis ends. The safety and productivity benefits of IoT mean this year is the beginning of a new era in smart buildings.

EnOcean's cutting-edge smart building solutions aren't just powerful — they're easy to install, battery-free, and self-powered. To get your building back to work, email IoT@enocean.com.

