

IoT Conduit Coronavirus Safety & Education Kiosk

Since being shut down since March due to the Coronavirus pandemic, the IoT Conduit, located at 12-22 North in Burlington, has been diligently working towards new solutions. Given we are a testbed for Smart City technologies, we acted in the way we know best - test new tech using pilot prototypes.

We have been working with Vermont entrepreneurs to test some Internet-of-Things technologies that will be integrated into our all-in-one COVID-19 safety device. The technology will include automated member check-in, thermal cameras and sensors for detecting social distancing and occupancy, and indoor air quality and abnormal temperature detection. The monitor will be the main element of the physical enclosure of the kiosk, which will also include green cleaning supply packages and visual displays of the current risk status of the building.


The whole kiosk is completely interoperable, low-contact, and customizable for specific buildings' needs. We are launching this product locally in Vermont to aid the state in a safer and faster reopening process for schools, health centers, and any large commercial buildings.

[Read more about the AI camera and Smart Room sensor technologies we're developing with infiSense and StreamLogic here.](#)



Coronavirus Safety Station

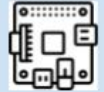

Large format Monitor [42-70+"]



Technology Integrations

- Occupancy and space usage
- Abnormal Temperature Detection
- Indoor Air Quality
- Contact Tracing Database
- Social Distancing Metrics
- Cleaning supply inventory
- Educational Messaging
- Branding Opportunities

IoT Gateway Edge Computing



Physical Enclosure with touchless / accessibility options



IoT Sensor Clusters



Green Cleaning Supply Packages



Visual Risk Alert Displays

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Kiosk prototype at 12-22 North