

BUILD A CONTACT TRACING SOLUTION WITH IoT & LOSANT

Get your team back to work safely. Let Losant help you proactively monitor interactions using an IoT solution designed for your workplace. Prioritize the health of your associates and customers while maintaining privacy, and adhering to policies.

SETTING UP A CONTACT TRACING SOLUTION

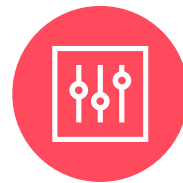
Losant provides a Contact Tracing Solution Framework to support the specific criteria for your business. Start your contact tracing program with a pilot. Then, get insights to select the appropriate hardware for your needs.

No two companies are the same, which means there's no one-size-fits-all solution for contact tracing. Losant's contact tracing framework provides a customizable approach that delivers a production solution tailored to the unique needs of your organization.



STEP 1 DISCOVERY

Your team works directly with Losant engineers to deploy a small-scale pilot. Bring your own hardware or choose from Losant's set of qualified pilot hardware. This step allows us to learn the unique needs of your organization in terms of hardware, employees, and processes.



STEP 2 TAILORING

Based on the results of the first step, Losant begins tailoring your specific contact tracing solution. This commonly includes things like supporting specific employee check-in and check-out procedures, assigning tags based on your security or HR needs, or interfacing with custom hardware.



STEP 3 DEPLOYMENT

Backed by the proven scalability and security of the Losant Enterprise IoT Platform, your contact tracing solution is now ready to deploy to tens, hundreds, or thousands of employees. Losant's ecosystem of tech partners ensures your hardware will be fully supported and maintained throughout the life of your solution.

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HOW DOES IT WORK?

This IoT contact tracing solution works by employing small physical hardware tags, gateways, and the Losant Enterprise IoT Platform.

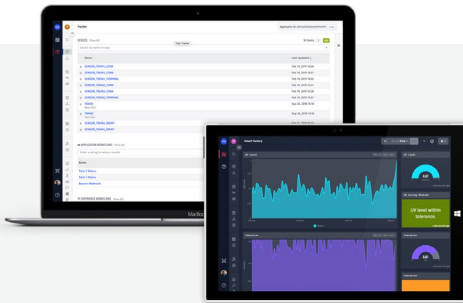
- Each associate or visitor is assigned a tag at entry.
- The tags keep a log of all other tags seen in real-time. Contact range can vary from 3ft to 7ft.
- The log syncs with the cloud application when the tag passes by a gateway.
- Analytics are available through Losant real-time dashboards or email reports.
- Authorized personnel can download reports to determine potential exposure.
- Your organization maintains ownership of all data.
- The data is transmitted and stored with industry standard multi-layered security.
- Personal information is anonymized using the method of your choice.

This solution was designed with some of the largest organizations in the world in mind. Bring peace of mind to your enterprise while capturing the data you need to implement recommended contact tracing guidelines.



As Tracing Tag A comes in to range of Tracing Tag B they add each other to their contact list.

When a Tracing Tag gets within range of a gateway it will upload its contact list to the cloud via a gateway.



WHY CHOOSE LOSANT FOR CONTACT TRACING WITH IoT?

Consider the flexibility of the Losant platform. It is designed to integrate devices and gateways and provide user-friendly dashboards with real-time information. Combine that with experts who can recommend hardware from a robust ecosystem and build applications for your enterprise. Additionally, Losant has active contact tracing pilots in market now.

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CONTACT TRACING FAQs

Can I achieve contact tracing with an off-the-shelf solution? Why not choose an off-the-shelf solution?

Your business has unique needs. Some companies are attempting to bypass the required customization for a working solution. What we offer is not a repurposed asset tracking solution. Here is why a pilot is recommended:

- Get flexibility for hardware that meets your business requirements.
- Accommodate changing processes based on updated health guidelines.
- Customize software based on your specific business needs.
- Make immediate updates to the solution as policies change.
- Reuse tags or wearables in post-pandemic time.
- Repurpose the software for future IoT solutions.

What does the hardware look like?

Required hardware will include BLE or UWB tags and gateways. Here are some examples of tag hardware.

- Laird BT510 Bluetooth can be used with Laird or Rigado gateways.
- Laird BT710 Bluetooth can be used with Laird or Rigado gateways.
- KKM K58 Bluetooth can be used with Rigado gateways.
- KKM K59 Bluetooth can be used with Rigado gateways.

How do the tags measure, store and react to contacts? Can this be configured?

Tags keep record of contact with other tags. Then, when in vicinity of a gateway, tags send contact data to Losant. The data is then removed from the tag once the gateway receives all of the data. The listed tags have audio, visual, and haptic feedback alerts. And yes, tag contact capture can be configured. The parameters for measuring when someone has been in contact and social distancing rules can be defined by the organization.

What is the investment of time and cost of a pilot?

- Upfront cost for setup is \$15,000.
- The initial investment includes hardware and gateways to test the environment and solution.
- We recommend conducting a pilot for three weeks or more.

What happens if this breaks?

We can help. Support for the hardware is provided by the manufacturer. Support for the Losant platform is provided for the length of the contract period.

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