Connected Platform for Detection & Prevention

Helping Organizations Get Back to Work (&Play)
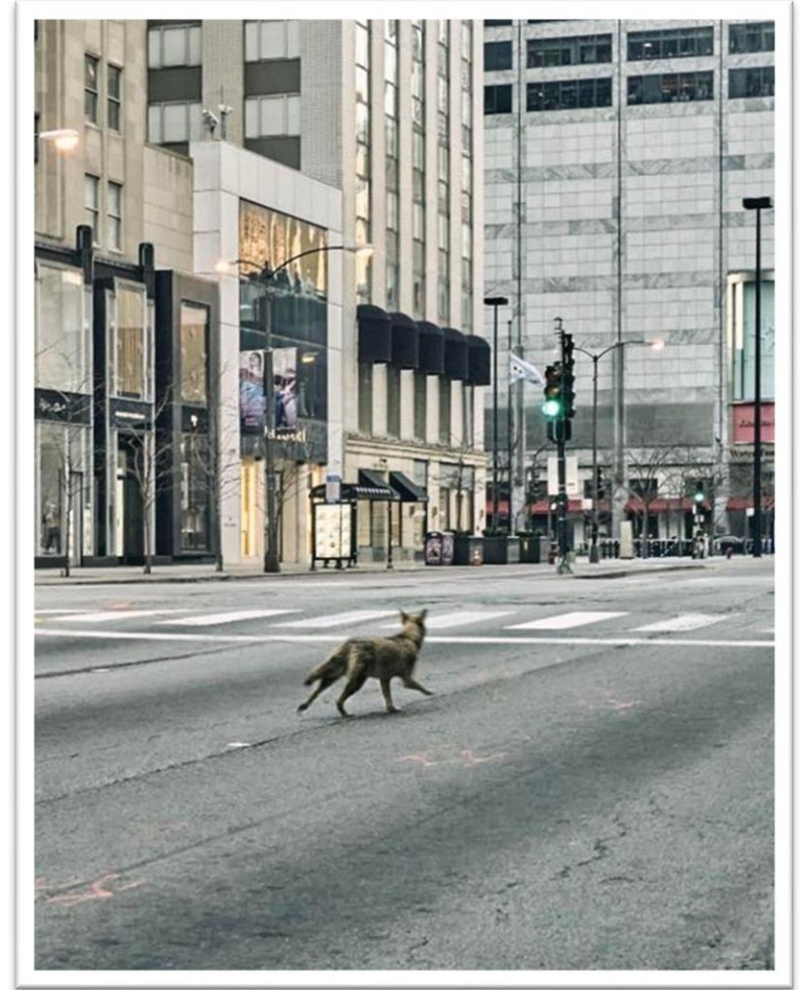
Insight | Digital Innovation

Reopening Corporate & Public Spaces as Soon & Safely as Possible (ASASAP)

Problem

How do we help reopen offices, airports, stadiums, parks and all public spaces, so people can get back to work (or more importantly fun) while also feeling safe?

Solution

Insight's Connected Platform helps rapidly evaluate, deploy, test and manage new technology across our ecosystem of 3,500 partner products and solutions such as temp sensing cameras, connected soap dispensers, networking equipment, Citizen Care Pods for onsite screening, virus testing and more.

Insight Connected Platform

Visualizes and triggers workflows from any IoT data source

Empowers real time, persona based, operational control through a single pane of glass

Utilizes cloud AI models deployed to the edge for true business insights

Connected Platform for Detection & Prevention
Ecosystem Integration & Management Examples

Edge Gateway	Wireless LAN - MR52	UV-Clean	Signal Tower (Light & Alarm)	Smart Cones (Zone A)	Smart Cone (Zone A)
Watertown, MA	Watertown, MA	Watertown, MA	Watertown, MA	Watertown, MA	Watertown , MA
Online	Online	Online · Battery Low - 10%	Online	Online	Online
GATEWAY · LORA ANTENNA · BLE ANT	ACCESS POINT · ANTENNA · POE INJECT	TABLET CLEANING LIGHT	IP CAMERA · SIGNAL TOWER · MACHINE	SMART CONE	STREAM · ALERTS · ARCHIVES

Smart Cone (Zone A) — ALERTS

Showing all alerts from the last 30 days.

ACTIVE ALERT
1:29 PM 05 Mar — **Too Close**
Time: 3:12 PM
Customer ID: 1234ABCZ
Fixed by: Audible alert to inform guest that social distancing violation.

RESOLVED ALERT
9:10 AM 02 Mar — **Unauthorized Area**
Clip: 1/03/2020 9:00 AM - 5:00 PM
Cause: Guest detected in an unauthorized area and audible and visual alerts triggered.

RESOLVED ALERT
12:16 PM 29 Feb — **Too Close (3rd Warning)**
Time: 12:16 PM
Customer ID: 987ZYX2
Fixed by: Staff met with customer to explain the importance of social distancing guidelines.

Supported Network Protocol	Supported Network Protocol	Supported Network Protocol	Supported Network Protocol	Supported Network Protocol	
LoRa	2-stream 802.11ac Wave 2 and 802.11n	LoRa	SNMP, HTTP, PNS	Wifi, BLE	

Unique Device ID	Unique Device ID	Unique Device ID	Unique Device ID	Unique Device ID	
1765e244-1186-4026-98ad-ece1a7a20a25	987654-ZYX-137-007	1765e244-1186-4026-98ad	NHL-3FB2-RYG	123456-ABC-137-007	

Device Make	Device Make	Device Make	Device Make	Device Make	
Dell	Cisco Meraki MX68CW	ENS Group	Patlite	InVid Tech	

| Device Model | Device Model | Device Model | Device Model | Device Model | |

| **Edge Gateway** | **Networking Gear** | **UV-Light Digital Display Cleaner** | **Signal Towers** | **Smart Cones** | **Alerts for Social Distancing** |

Connected Platform App
Temperature Screening Use Case

Non-contact Thermometer
Louisville (Outer Loop)
📶 Online   🔋 Battery Low - 10%

ALERTS   READINGS

‹   Jan 21- Jan 27

Tue	Wed	Thu	Fri	Sat	Sun	Mon
21	22	23	24	25	26	27

Temp:

100.5°F

8 PM MDT

101°F
100°F
99°F
98.6°
98°F
97°F
96°F

12AM 4AM 8AM 12PM 4PM 8PM 12AM

---- High & Low Thresholds

Citizen Care Pod
1600 Hunter Rd
Hanover Park, IL 60133

THINGS   PEOPLE   INFO

STATUS TYPE NAME ↓

🟢 📹 Camera 1 (External)
         15 people/hr, 67% with masks

🔴 📹 Camera 2 (Internal)
         4 employees inside

🟢 🌡 Non-contact Thermometer
         Online

🟢 📡 Edge Gateway
         Online

🔴 ▦ Purell Dispensors
         2 Days Remaining

🟢 📟 Tablet
         Online

🟢 🌡 HVAC Temp Sensor
         Online

🟢 📶 Wireless Network

👥 People   📍 Places   📟 Things   🔔 Dings

Non-contact Thermometer
Watertown, MA
📶 Online   🔋 Battery Low - 10%

TEMPATURE SENSOR

⬤ ⬤ ⬤

Supported Network Protocol
Infrared

Unique Device ID
1765e244-1186-4026-98ad

Device Make
Extech IR200

Device Model

Non-contact Thermometer
Louisville (Outer Loo   View Device Details
📶 Online   🔋 Battery Low - 10%

ALERTS   READINGS

3:23PM   ⚠   ALERT
02 Jan   100.5° F - Too Warm
               Secondary screening required
               Active Alert for Visitor ID 1116ABC3

3:20PM   ⚠   RESOLVED ALERT
02 Jan   99.5° F
               Too Warm
               Cause: Visitor ran to catch bus
               How: Secondary screen temp 98.8
               Fixed by: Employee 127
               Time from alert to fix: 4mins

3:15PM   ⚠   RESOLVED ALERT
02 Jan   102.1° F
               Likely Fever
               Cause: Visitor sick
               Fixed by: Employee by offering a
               family pack expiring 12/31/2021
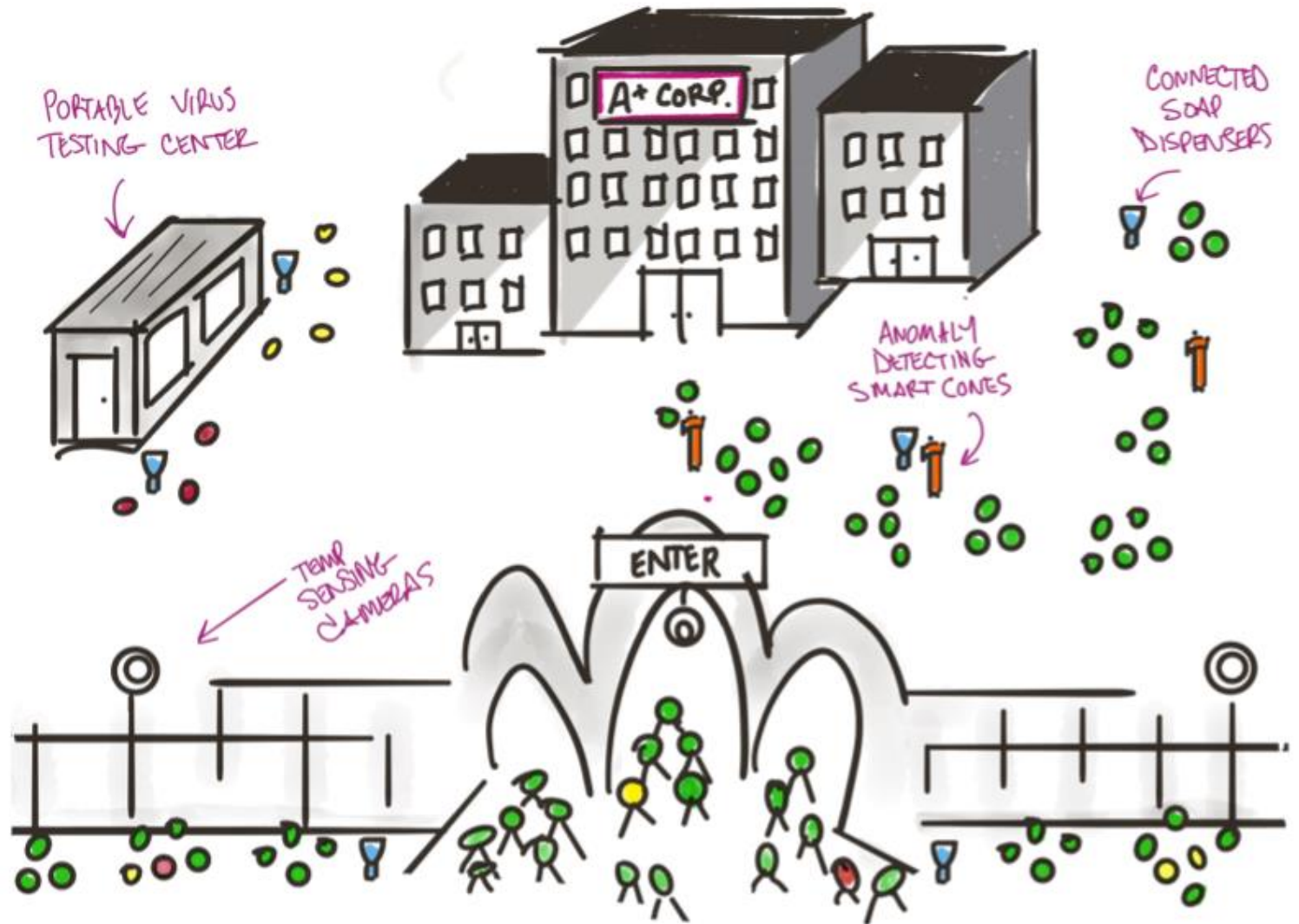   Time from alert to fix: 15m

Proposed Solutions
...for all public & corporate spaces

- Integrate cameras and non-contact thermometers to take temperatures of people entering the park

- Integrate smart GOJO soap and hand hygiene dispensers throughout the park

- Integrate smart cones for monitoring lines and social distancing of families and staff

- Integrate portable virus testing centers

- Gateway device for edge compute

- Appropriate alerts to employees & guests

- **Data driven reporting to stakeholders monitoring overall trends & results**
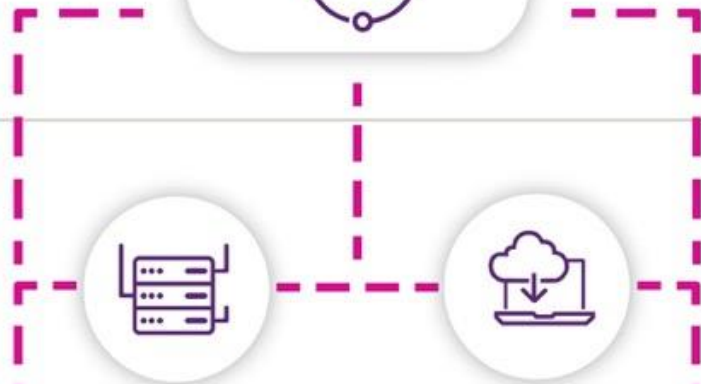
Secure, scalable & flexible

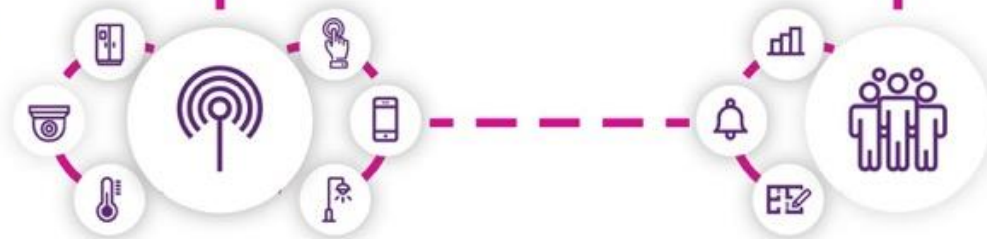**Insight Connected Platform**

Platform High Level Architecture

Cloud

Edge

Devices & People

Platform Functionality

- Mobile friendly
- Identity management
- Roles & Permissions
- Branding / White label
- HW Device Integrations
- SW App Integrations
- Device & Data Management

- Alerts & Notifications
- Mapping engine
- Rules engine
- Automated workflows
- Communications service
- Data analytics

Appendix

Phase 1 Engagement: Activities & Outcomes
Additional Use Cases: Sensors and Outcomes

Modular	Surveillance	Food Safety	Inventory Mgmt	Customer Service	Energy Use
Live video	•		•	•	
Cloud video storage	•			•	
POS integration	•		•		
Temp sensors		•		•	•
Soap/Purell dispensers		•	•	•	
Door sensors	•	•			
Motion sensors	•	•			
Panic buttons	•	•		•	
Trash bins		•	•	•	
Inventory (in transit)			•		
Inventory (in store)			•		
Customer counts			•	•	
Customer paths			•	•	
Customer wait times				•	
HVAC integration					•
Air quality sensors					•
Rules & Alerts	•	•	•	•	•
Reporting	•	•	•	•	•
User Roles & Permissions	•	•	•	•	•