



Contact Tracing Surge Response Rapid Deployment Kit

HID Global – IoT Services

Powering the trusted identities of
the world's people, places & things

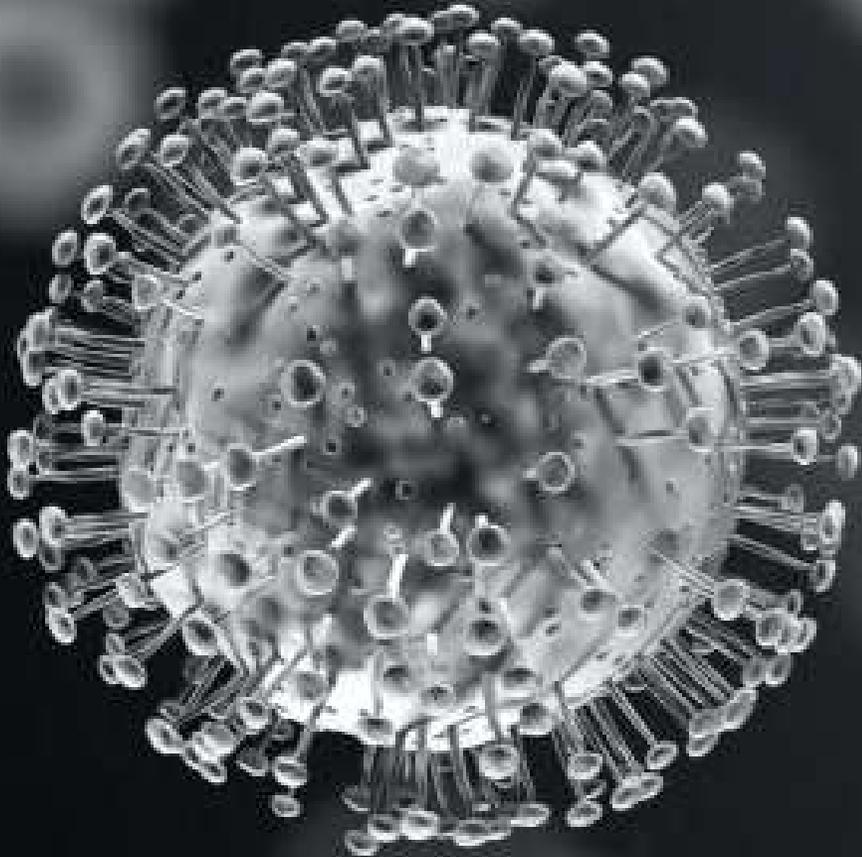
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Current Pandemic

HID built upon information from Global Health Organizations, such as the CDC and WHO, as well as local and national agencies in several countries to support global health care organization with cutting edge technologies to fight the current pandemic.

Healthcare organizations are inundated with extreme volumes of patients, tracing who has come into contact with an infected person becomes more challenging when timing is critical – causes a logistical nightmare for clinicians and operations to effectively administer patient care.

How can HID Help?

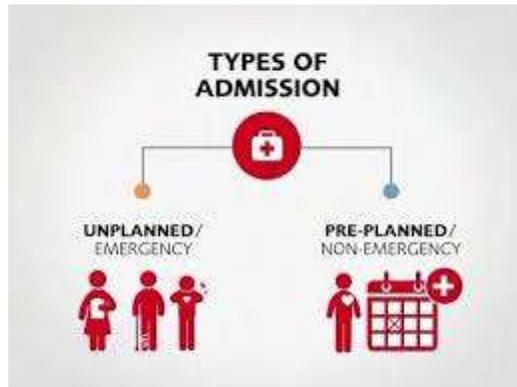


Global Challenge

Hospitals and healthcare systems often admit patients without knowing the status of the patients' communicable disease(s).

This status is only known after a medical evaluation and testing. In this situation, many patients and staff may have been exposed to the now-known communicable disease during their encounters with the patient.

The potentially exposed contacts are at risk and need further investigation on exposure time and location.



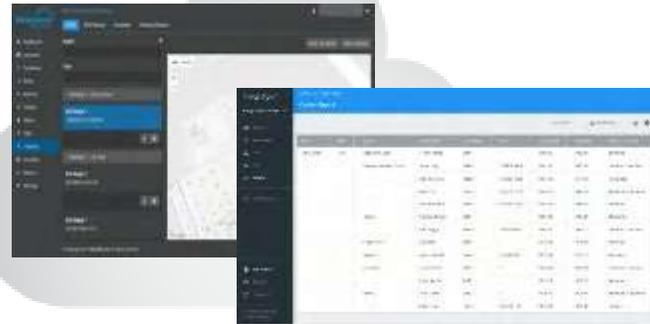


Solution

- HID partnered with Prompt.Health (Infinite Leap) to develop the **Contact Tracing/Surge Site Location Services Rapid Deployment Kit**
- Healthcare organizations can efficiently monitor interactions by digitally accounting for:
 - Patient movements within the facility
 - Encounters with other people
- Enables organizations to:
 - Determine potential exposures
 - Quickly react to minimize the spread of disease

Implement a Data Driven Contact Tracing Solution to Combat the Spread of Infectious Diseases

The Kit Includes



Bluzone Cloud – SaaS based platform to manage beacon fleet, provisioning and real-time dashboards on movement and zones

Prompt.Health Workflow ^{RT} Software – Patient, staff, and medical equipment location and contact reporting

100, BEEKs™ Badges – Active BLE credential provides location services with proximity location. Compliments other staffing credentials and physical access controls by HID

10, BluFi™ Gateways - Simple installation using Bluetooth to cellular or Wi-Fi to easily connect to Bluzone Cloud

Cellular & Gateway – provides stand-alone connectivity for rapid deployment

24/7 Support

HIPPA Compliant

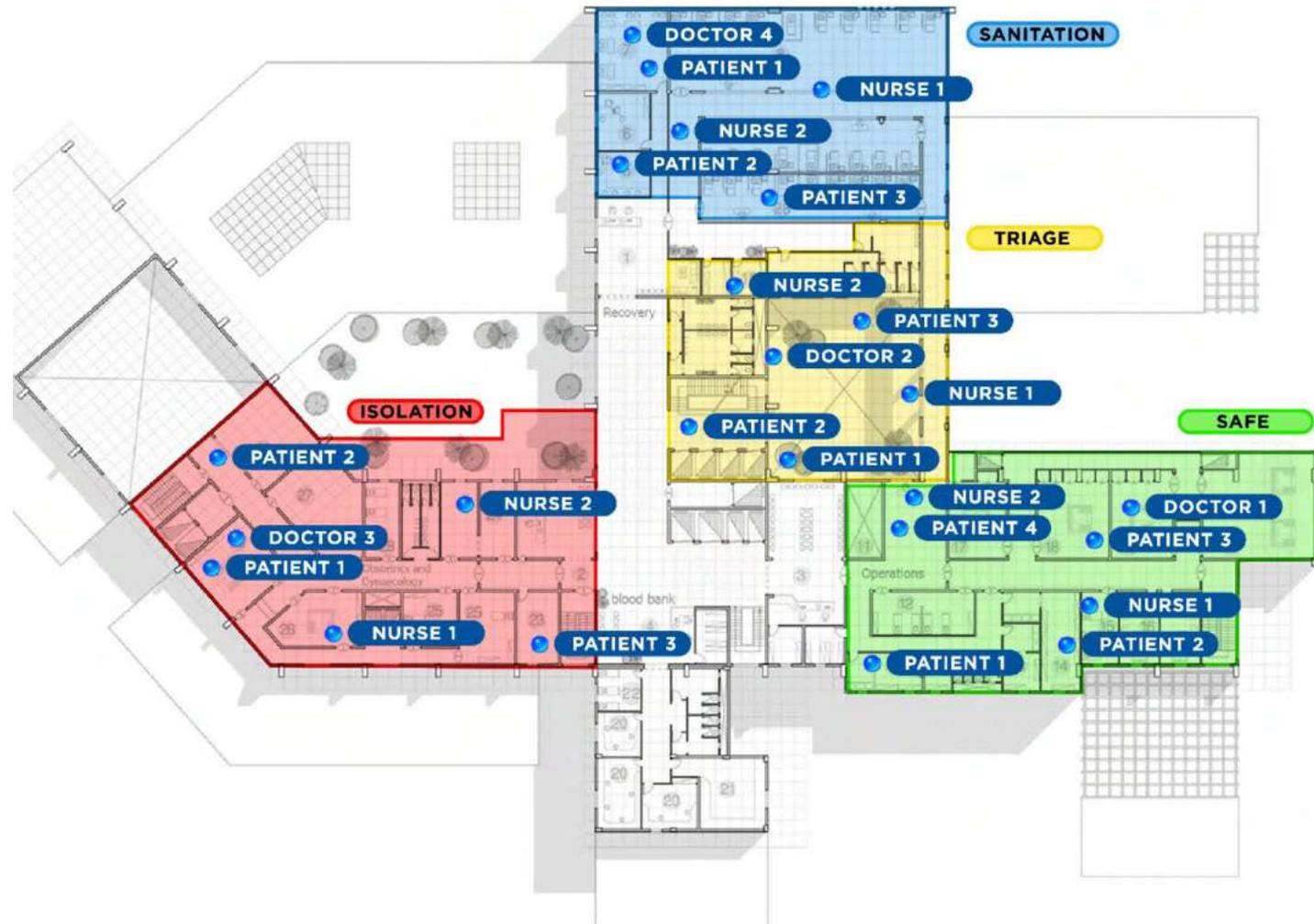
Solution Architecture



HID Bluzone Cloud & Workflow RT



Location Visibility Example



Workflow^{RT} Reporting & Analytics

- Names of staff and patients who were in proximity to the infected person
- Contact duration with start and end times
- Location of contact
- Differentiation of staff or patient contact
- Location tracking of contact duration to within a few seconds
- Ability to display contact phone number
- User-based report access

The screenshot displays the 'Contact Report' for patient Jenny Smith. The interface includes a sidebar with navigation options like 'Emergency Department', 'Patients', 'Room Status', 'Staff', 'Items', 'Tapsets', and 'Central Access'. The main table lists contact events with columns for Name, MRN, Location, Contact Name, Contact Type, Phone, Contact Start, Contact End, and Duration (if Contact).

Name	MRN	Location	Contact Name	Contact Type	Phone	Contact Start	Contact End	Duration (if Contact)
Jenny Smith	1234	Registration Desk	Jenny Jones	Staff	---	10:00:00	10:00:00	0 minutes
		Emergency Waiting Room	Jesse Long	Patient	555-110-0910	10:02:39	10:05:00	1 minute 25 seconds
			Mary Shannon	Patient	555-094-9358	10:04:00	10:14:00	10 minutes
			David Galt	Patient	555-093-1128	10:04:00	10:06:20	4 minutes 20 seconds
			Mike Woodbury	Patient	555-090-7382	10:05:00	10:06:00	5 minutes
		Hallway	Charles Connor	Staff	---	10:07:00	10:07:28	28 seconds
			Beth Briggs	Patient	555-019-9547	10:08:00	10:09:12	1 minute 12 seconds
		Triage Room 1	Suz Miller	Staff	---	10:12:45	10:18:45	6 minutes
		Hallway	Asha Gonzalez	Patient	555-029-8621	10:19:05	10:19:10	5 seconds
		Exam Bay 5	Jayden Starvo	Staff	---	10:25:00	10:26:04	7 minutes 4 seconds
			Pedro Garcia	Staff	---	10:31:25	10:36:20	5 minutes
		Hallway	John Gibson	Staff	---	10:39:00	10:39:00	0 minutes 00 seconds
			Paula Perez	Patient	555-564-1111	10:40:00	10:41:00	1 minute



Key Advantages

- Fast **set up** using real-time location hardware and secure cloud software that allows the solution to be up and **running** within **hours**
- **Monitor** Patients & Staff using Bluetooth Low Energy (BLE) enabled credentials pre-provisioned to each staff member and patient
- Access to real-time **analytics** that include location within **safe & isolation zones**, contact type and contact duration within seconds (including start & end times) for each **patient visit**
- Standalone **connectivity** using BLE over **cellular** network and **mobile** devices minimizes disruption of service. No additional infrastructure, hardware or network wiring makes field triage areas **easy** to **deploy**
- HID named **leader** in [Gartner](#) Magic Quadrant for Indoor **Location Services**



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Thank you

Contact  SINFOTECH.IT for more information.

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