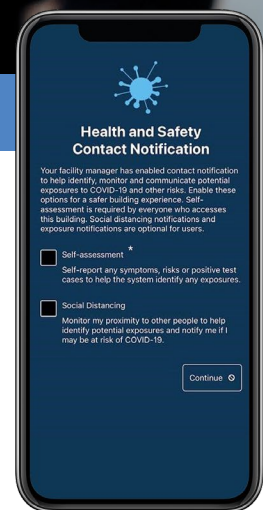# LENEL·S2

Monitor and manage exposure risks in the workplace.
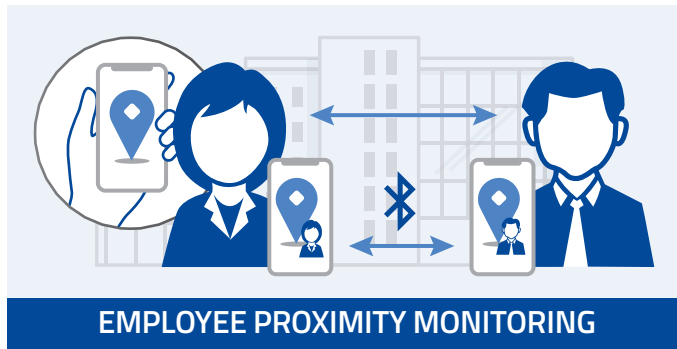
BlueDiamond Contact Notification Service

The global pandemic has changed expectations for health and safety in the workplace. Contact Notification is a new subscription-based service, deployed through the BlueDiamond™ mobile app, that provides employees with the ability to self-assess their COVID-19 status, receive real-time social distancing reminders, as well as anonymized notifications if they have recently come into contact with a self-assessed COVID-19-positive user within their workplace.

This service also empowers building administrators with the data and tools they need to monitor and manage exposure risks within the workplace. To help ensure a safer return to work, building administrators can set social distancing parameters and can configure the app to restrict use of mobile credentials, for a specified quarantine period, for employees who self-assess positive. BlueDiamond readers and mobile credentials form an advanced solution in **Carrier's Healthy Buildings Program**, designed to help protect people and assets, and to help optimize building health and efficiency.

### Health and Safety Contact Notification

Your facility manager has enabled contact notification to help identify, monitor and communicate potential exposures to COVID-19 and other risks. Enable these options for a safer building experience. Self-assessment is required by everyone who accesses this building. Social distancing notifications and exposure notifications are optional for users.

☐ Self-assessment *

Self-report any symptoms, risks or positive test cases to help the system identify any exposures.

☐ Social Distancing

Monitor my proximity to other people to help identify potential exposures and notify me if I may be at risk of COVID-19.

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Contact Notification Features

EMPLOYEE PROXIMITY MONITORING

BlueDiamond mobile app monitors proximity of employees while in a building.

Monitor employee proximity with geofence technology	Information is anonymized
Mobile-to-mobile proximity sensing	Battery life and cellular data friendly

SECURE CONTACT NOTIFICATION
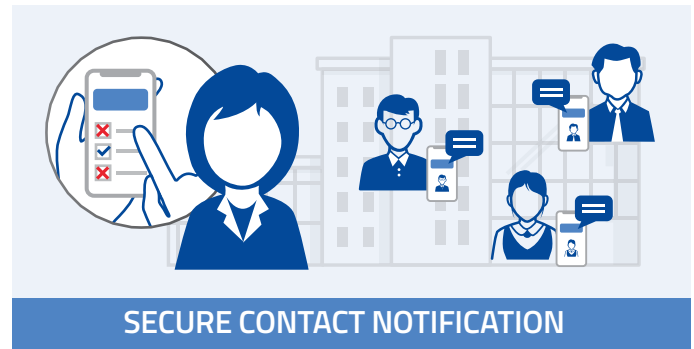
Real-time capture of employee proximity events

Proximity sensing and notification	Captures and stores contact events anonymously
Contact proximity and duration of events are tagged	Adheres to data privacy requirements

For Building Administrators

The Contact Notification Administration Console provides building administrators with real-time access to the data and tools they need to monitor and manage exposure risks in the workplace. Through the console, building administrators can configure app settings, monitor health trends, generate reports detailing the number of potentially at-risk employees and more. Minimum social distancing parameters can also be configured for both proximity and duration. All employee information housed in the console is anonymous.

For Employees

With Contact Notification, employees complete daily self-assessments to report any symptoms, risks or positive COVID-19 status. This service utilizes mobile-to-mobile Bluetooth® technology to help enforce social distancing in the workplace and provides real-time app notifications to employees who violate the distancing guidelines. Additionally, employees will receive anonymized notifications if they have recently come into contact with a self-assessed COVID-19-positive user within the facility. All information collected and stored as part of the Contact Notification service is anonymized.

Exposure Notifications and your Privacy

You have full control to receive exposure notifications and can turn it off at any time.

**The app will never track your location.** It uses Bluetooth to detect if two mobile devices are near each other.

Use of the app does not reveal your identity.

Information collected, transmitted, or stored by the app is anonymized.
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Administration Console

As part of the on-boarding process, building administrators will gain access to the Contact Notification Administration Console.
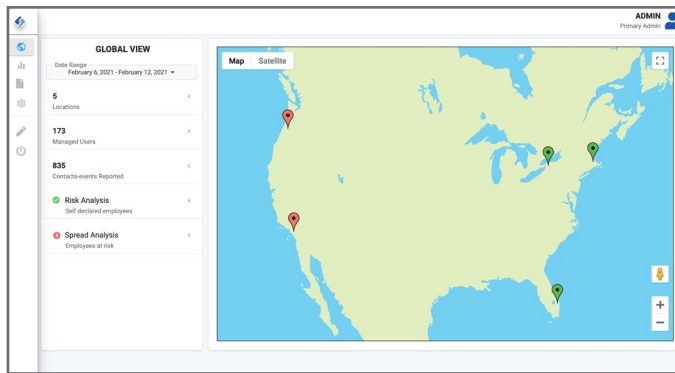

For end users with multiple business locations, the Administration Console will aggregate data across all locations to provide a global view. Further drill-down options are available for location-specific information.
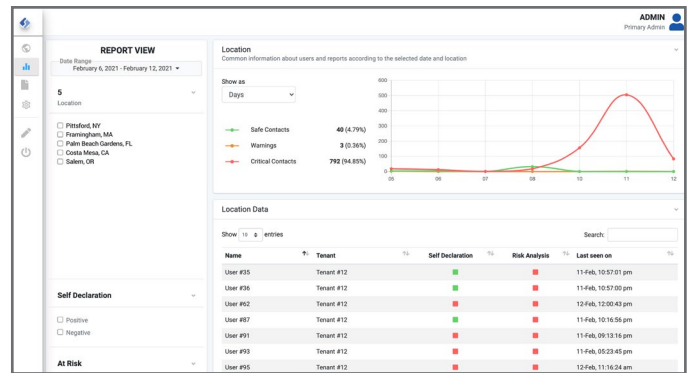

The Report View allows building administrators to see a summary of employee* self-declarations and the associated risk analysis based on proximity events. *Note that employees are listed by a unique, randomly-generated identifier.
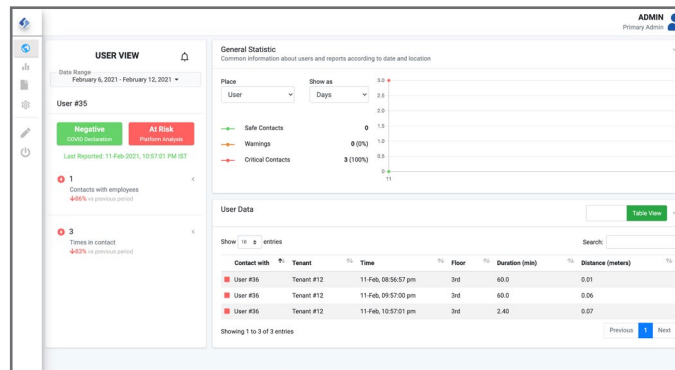
The User View allows building administrators to see proximity event details such as date, time and duration. Information is anonymized and is not personally identifiable.
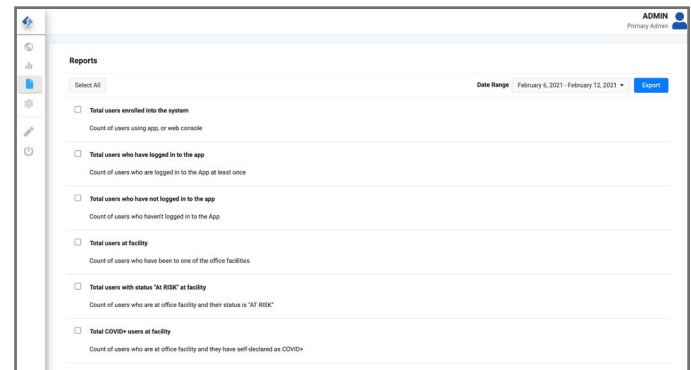
A variety of reports can be generated from the Administration Console such as **Enrolled Users**, **Users at Facility**, **Users with "At Risk" Status** and more. Reports can be customized by date range and exported from the system.
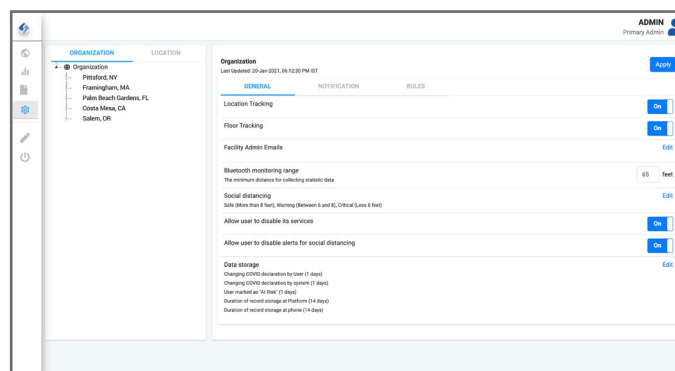
Under the Settings View, building administrators can customize notification settings for employees who have opted in to the BlueDiamond Contact Notification service, establish or modify social distancing rules as well as set-up internal notifications and locations.

Solution Overview

Geofence-based Technology

Employee installs the BlueDiamond mobile app (version 2.1.8 or greater), activates their BlueDiamond mobile credential issued by their building administrator and opts in to the Contact Notification service.
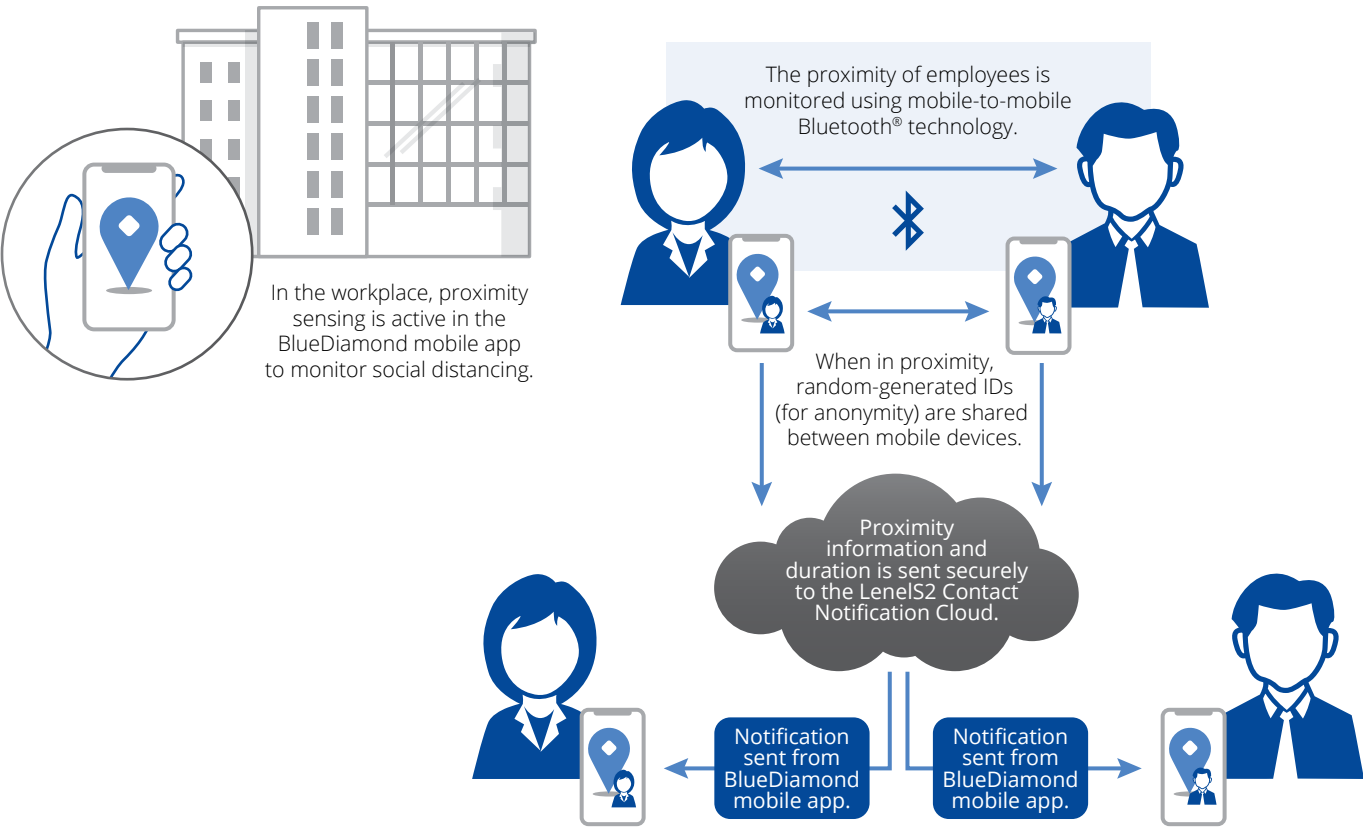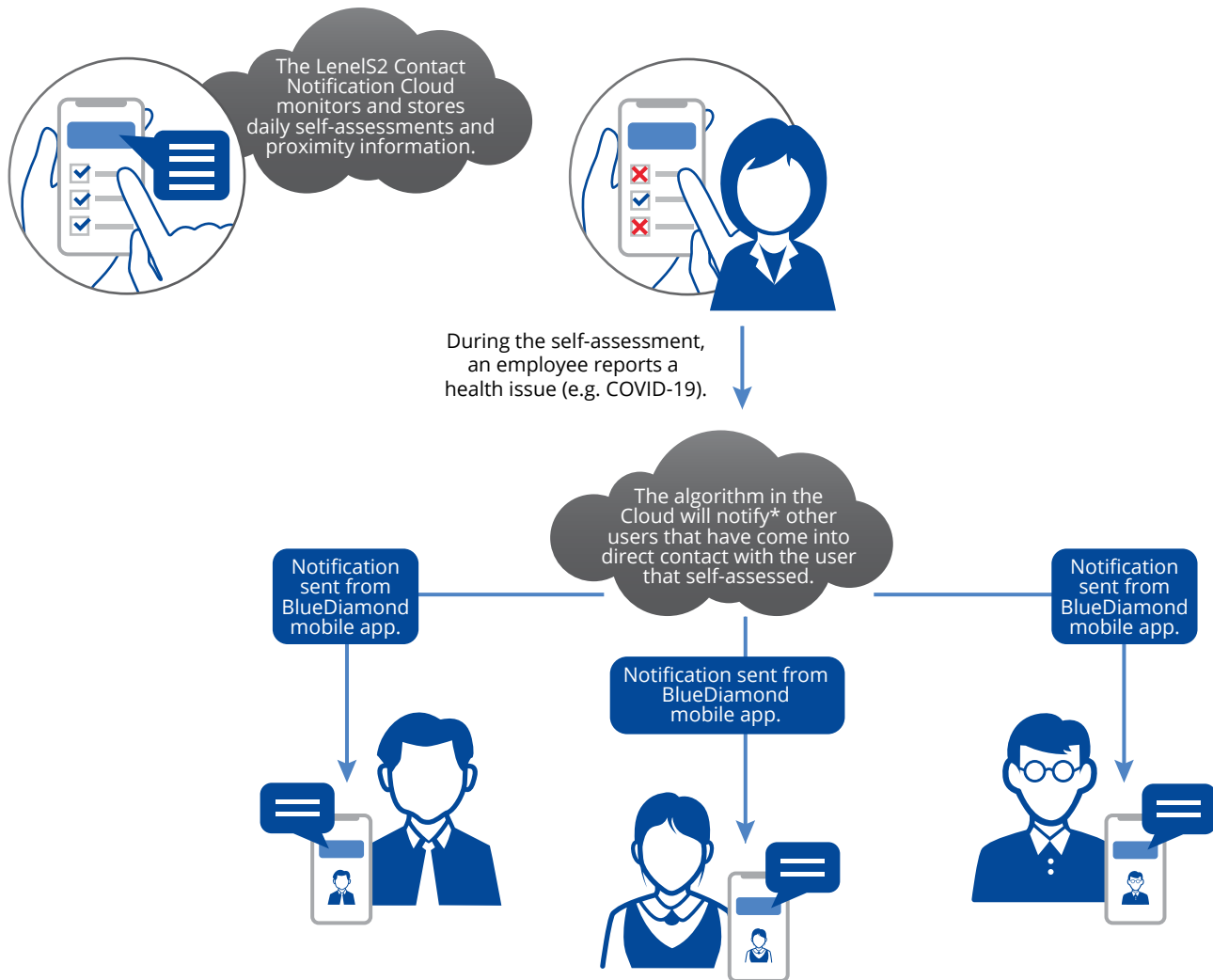
Employee arrives at work, BlueDiamond mobile app automatically starts.

Employee will receive a notification from the BlueDiamond mobile app requesting the completion of their daily self-assessment.

Employee leaves work, BlueDiamond mobile app automatically stops.

Social Distancing

In the workplace, proximity sensing is active in the BlueDiamond mobile app to monitor social distancing.

The proximity of employees is monitored using mobile-to-mobile Bluetooth® technology.

When in proximity, random-generated IDs (for anonymity) are shared between mobile devices.

Proximity information and duration is sent securely to the LenelS2 Contact Notification Cloud.

Notification sent from BlueDiamond mobile app.

Notification sent from BlueDiamond mobile app.

A social distancing notification will be triggered if the proximity of employees violates the social distancing parameters established by the building administrator.

Contact Notification

The LenelS2 Contact Notification Cloud monitors and stores daily self-assessments and proximity information.

During the self-assessment, an employee reports a health issue (e.g. COVID-19).

The algorithm in the Cloud will notify* other users that have come into direct contact with the user that self-assessed.

Notification sent from BlueDiamond mobile app.

Notification sent from BlueDiamond mobile app.

Notification sent from BlueDiamond mobile app.

*Notification will be provided for awareness that users have come in contact with someone that has self-reported.

Contact Notification is a subscription-based service and requires the purchase of an annual license. Currently available to customers in the United States and Canada only. Contact your local Value-Added Reseller (VAR) or your LenelS2 sales representative for more information.

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LenelS2.com

(866) 788-5095

Specifications subject to change without notice.

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