

# BlueDiamond Mobile App

Version 2.1.5



## Overview

The BlueDiamond™ mobile app delivers a smart device alternative to plastic badges, offering convenience without compromising security. Available on both iOS® and Android®, the app is designed to provide a touchless, efficient and effortless credential experience.

The BlueDiamond mobile app and credentials offer a touchless access experience, enabling building occupants to eliminate a significant number of access touch points by turning smartphones into secure access control devices. Options for sending a mobile credential over Bluetooth 4.0 low-energy and RFID all include rapid discovery of nearby door readers, displaying reader names once in range of the desired door, and a quick 'unlock' option activated by a simple tap, to gain entry. With 'Favorites,' frequently used readers generate a notification to the user when in range, which can be acknowledged to quickly unlock the door. The ability to use 'Voice Command Shortcuts' has been added allowing the user to simply say a command to open a door or launch the Pathways™ feature, for example: "Hey Siri®, open engineering door" or "Hey Siri, start morning pathway".

## Effortless Access

The Pathways™ feature allows users to pre-load commonly accessed doors along a frequently traveled route. The app automatically sends a mobile credential to the reader once in range. Once a configuration is made, the user does not need to interact with the app to launch the Pathways feature for convenient hands-free access.

The Phone as a Badge (PhaaB) feature enables a user to hold their phone in proximity to a pre-registered BlueDiamond multi-technology reader to gain entry. The PhaaB feature also allows users to pre-register a desired distance, allowing the user to keep their phone in their pocket or bag. When in range of the desired door, the BlueDiamond mobile credential is automatically sent without any user interaction.

## BlueDiamond Platform

The BlueDiamond platform offers a complete, next-generation access control experience including multi-technology readers, a feature-rich mobile app and mobile credentials. All BlueDiamond products are connected via the BlueDiamond cloud server. The platform tightly integrates with LenelS2™ OnGuard® and NetBox® access control systems, allowing one-click issuance and management of mobile credentials.

In addition to the app's feature-rich capabilities within the OnGuard and NetBox access control systems, the BlueDiamond platform is also available to embed into an organization's current mobile application. LenelS2 provides assistance and the framework to BlueDiamond mobile customers at no additional cost.\*

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## Features & Benefits

	Feature	Benefit
<b>Pathways</b>	Pre-load commonly accessed doors along a frequently traveled route	Simplifies the interaction required for users to access frequently used entryways and meeting rooms, enabling "hands free" access while the user's phone remains in a pocket or bag
<b>Phone as a Badge (PhaaB)</b>	Hold a phone in proximity to a pre-registered reader to gain entry or pre-register a desired distance to allow the user to gain entry	When in range of the desired door, the BlueDiamond mobile credential is automatically sent without any user interaction, whether the phone is held up to the reader or remains in a pocket or bag
<b>Widgets</b>	Access and use the BlueDiamond app from the lock screen of a smartphone	Quickly launch the app, open a nearby door or launch the Pathways feature
<b>Shake to Open / Turnstile Support</b>	Gently shake the phone to immediately send BlueDiamond credential to a turnstile or reader	Enables quick entry through a turnstile or reader
<b>Favorites</b>	Store commonly used doors	Provides efficient access and automatic notifications from a smartphone when in range of a door reader
<b>Rename</b>	Manually change the name of doors within the app	Customize user preferences
<b>Hide</b>	Hide readers from the reader list	Enhances efficiency by enabling the ability to hide doors that are infrequently used or inaccessible
<b>Embeddable Framework</b>	Embed BlueDiamond framework into a separate mobile application	Integrate with an existing mobile application to customize the app to fit an organization's needs
<b>Security</b>	128 bit AES encryption	Enhanced security to prevent relay attacks, "man-in-the-middle" and unauthorized access of information from a wireless device through a Bluetooth connection
<b>Voice Command Shortcut</b>	Enable a 'Siri Shortcut' for a particular reader or designated pathway, allowing the user to say, "Hey Siri, open engineering door" or "Hey Siri, start morning pathway"	Simplifies the experience by allowing users to say their command using their iOS mobile device (including Apple Watch® or AirPods®) to open/unlock a door or start a pathway. Great for situations when interacting with the mobile application is difficult

## Example Vertical Market Applications

### • Higher Education

- Embed the BlueDiamond platform into a University application for single app usage across campus

### • Property Management

- Enables mobile accessibility to individual apartment spaces as well as common areas, such as parking garages, gated communities, recreation areas, etc.

### • Banking

- Ideal setup for corporate headquarters with satellite offices and/or branch locations seeking a mobile credential solution
- Allows for the ability to license and distribute mobile credentials electronically

### • Fortune 100/500 Companies

- Integrates with turnstiles, elevators, visitor management systems, parking garages, etc.
- Attract and retain top talent by providing a modern mobile credential solution versus a plastic badge

## Specifications

Available for iOS, Apple Watch, and Android devices.



[LenelS2.com](http://LenelS2.com)

(866) 788-5095

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