



BlueDiamond™ Readers & Mobile Credentials

Welcome to the next generation  
of access control.





# Next Generation Access Control

The BlueDiamond platform offers a complete, next-generation access control experience. With multi-technology readers, a feature-rich mobile app and the ability to support mobile and physical credentials, organizations can upgrade to the BlueDiamond experience at their own pace.

Whether an organization leverages a LenelS2 OnGuard, NetBox, or Elements access control system, or a third-party solution, the BlueDiamond platform provides the features they need for a secure, seamless and mobile-ready access control experience.





## Unmatched Experience in Mobile Credentials

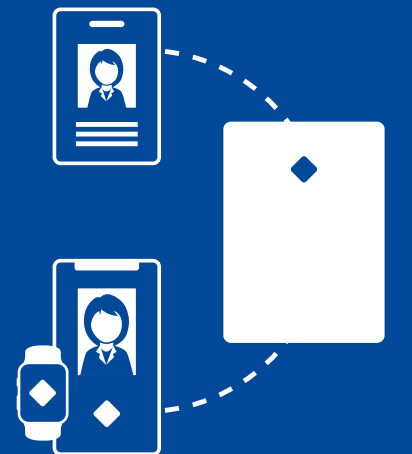
The BlueDiamond platform is the next-generation mobile credential access control experience that increases security, convenience and building health. The complete BlueDiamond platform includes the BlueDiamond mobile app, multi-technology readers and mobile credentials, all tied together by a cloud server. These components natively integrate with the LenelS2™ OnGuard®, NetBox™, and Elements™ access control solutions allowing one-click issuance and management of mobile credentials.



# Seamless Migration Path

The versatility of the BlueDiamond multi-technology readers enables a seamless migration to the latest technology. The readers can meet your credentialing needs today and tomorrow. Because they support physical and mobile credentials, it's easy to upgrade at your own pace and as budgets allow.

The BlueDiamond readers offer enhanced security, leveraging the industry's open standard, DESFire® EV1, EV2 and EV3 technologies and BlueDiamond mobile credentials with 128-bit AES encryption.





## Multi-technology Readers

The latest update to the BlueDiamond reader portfolio is the ability to support NFC Wallet-based credentials. With a cybersecurity mindset and privacy by design development strategy, LenelS2 is providing one of the most customer-centric NFC solutions on the market. Please reach out to your local Regional Sales Manager for more information on how to get started.

BlueDiamond readers provide advanced credential support, offering access control system choices. The readers are access control platform agnostic and support standard output protocols including Supervised F/2F (SF/2F), Wiegand, OSDP™ and OSDP V2. Users of LenelS2 OnGuard, NetBox or Elements access control systems can manage mobile credentials directly from the access control system user interface. With both mobile-ready and mobile-enabled versions available within the BlueDiamond reader portfolio, organizations can achieve enhanced security at their own pace.

### Supported technologies include:

#### 125kHz proximity cards

- HID Proximity
- AWID® Proximity
- CASI/GE Security ProxLite

#### 13.56MHz smart cards

- MIFARE® DESFire® EV1/EV2/EV3
  - Support for key diversification based on NXP standards
  - Support for NFC wallet-based credentials
- MIFARE Classic - ISO 14443, or secure sector data
- Vicinity Card Serial Number - ISO 15693
- HID iCLASS™\*

#### Features

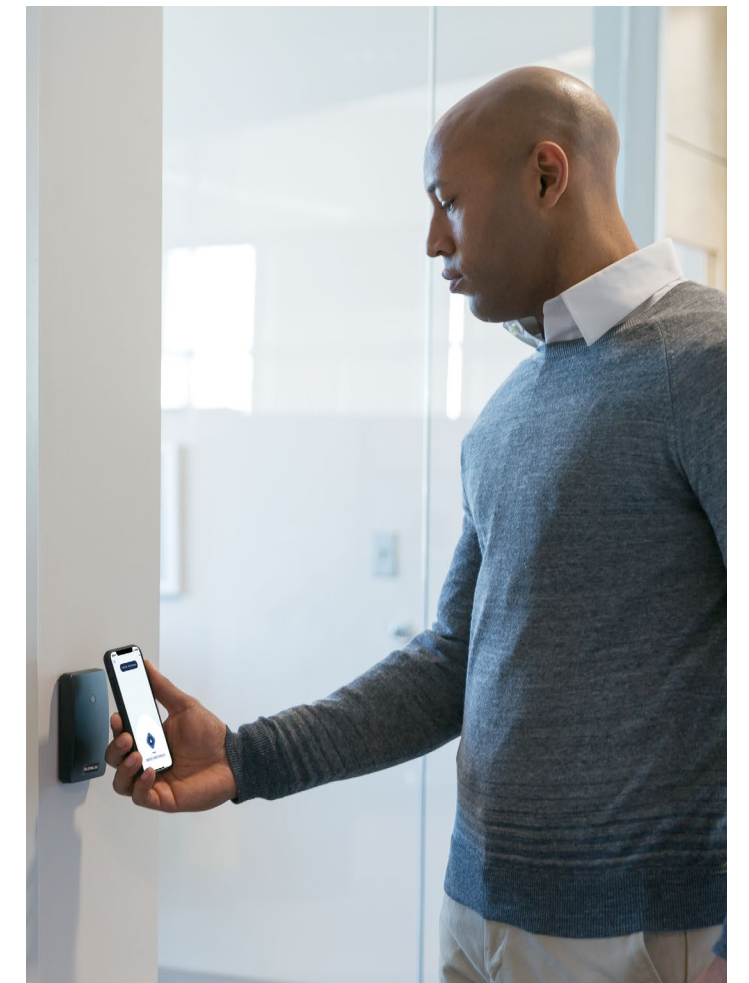
- Mobile-ready readers can be upgraded to read mobile credentials through the purchase of a license without the need to add or replace hardware
- Mobile-enabled readers support mobile credentials out of the box
- BlueDiamond mobile credentials
- OSDP file transfer\*\*

\*Support for HID iCLASS Classic or Standard, not Elite Key, SE or SEOS

\*\*Requires OnGuard access control system version 7.5 or greater, Mercury XSeries Controllers and Mercury Series 3 i/o boards

Access, instantly.  
All on your iPhone.

Employee Badge in Apple Wallet



## Empower Your Phone to Open New Doors

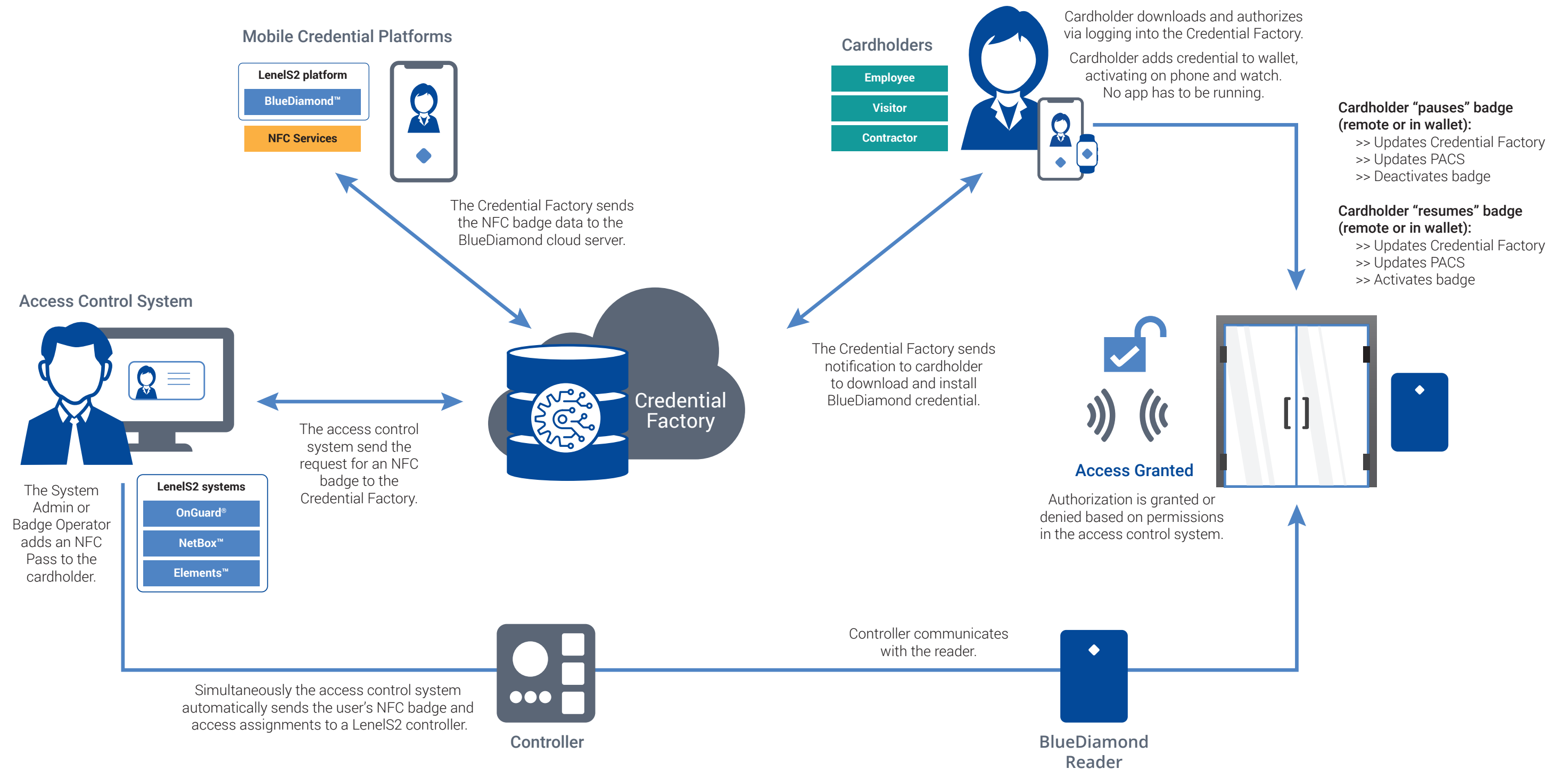
The BlueDiamond mobile app delivers a smart alternative to plastic badges, offering convenience without compromising security. Available on both iOS® and Android® platform, the app is designed to provide a touchless, efficient and effortless credential experience. In addition to the app's feature-rich capabilities within a LenelS2 access control system, the BlueDiamond platform framework is also available to embed into an organization's current mobile application. LenelS2 provides assistance and the framework at no additional cost.\*

\*terms and conditions apply

# A comprehensive and open system for mobile credentials

## LenelS2 Access Control Systems

The complete BlueDiamond platform includes the BlueDiamond mobile app, multi-technology readers and mobile credentials, all tied together by a cloud server. These components natively integrate with the LenelS2 OnGuard and NetBox security management systems allowing one-click issuance and management of mobile credentials.





LenelS2 is a global leader in advanced physical security solutions, including access control, video surveillance and mobile credentialing. Our technology includes web-based and mobile applications enhanced by cloud-based services. Incorporating open architecture, LenelS2 provides scalable, unified security management solutions to customers ranging from global enterprises to small- and mid-sized businesses. Easy to install and use, LenelS2 products are supported by an experienced, responsive team dedicated to providing exceptional service. LenelS2 serves segments worldwide including corporate, education, healthcare and government. LenelS2 is a part of Carrier Global Corporation, a leading global provider of healthy, safe and sustainable building and cold chain solutions.

[LenelS2.com](https://www.LenelS2.com)

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