# NFC Wallet Mobile Credentials.

End-to-End Lifecycle Governance and Automation - Powered by Guardian

Mobile credentials are rapidly gaining popularity across organizations and industries, including financial services, healthcare, higher education, and more. With the availability of employee badges in Apple NFC Wallet and Google NFC Wallet, employees, students, visitors, and contractors can now open building doors with their smart phones or watches in a secure transaction – simply by tapping their phones on the door, similar to shopping with Apple Pay and Google Wallet.

AlertEnterprise Guardian with AE Wallet app enables the issuance and lifecycle management of mobile credentials from a single platform. The mobile credentials can be provisioned to thousands of users' phones while simultaneously connecting to your physical access control systems.

As an enterprise, you can achieve a higher level of security for all issued credentials while reducing total cost of operations, maximizing user experience, and minimizing risks. As an end-user, you can eliminate the need to carry an additional asset (card), avoid forgetting your badge at home, or losing it and scrambling to get a replacement.

## NFC Wallet Mobile Credential Features.

- Express vs. Secure mode, can be set for individual readers
- Credential is accessible even after battery is drained for 5 hours
- Automatically synced to wearables
- Same plastic card touch experience as banking transactions
- Highly secured

# Benefits of NFC Wallet Mobile Credentials.

### Convenience.

Mobile credentials allow users to carry their access credentials with them wherever they go. This eliminates the need for physical cards or keys, which can be lost or forgotten, and provides users with greater convenience.

### Security.

Mobile credentials can be more secure than traditional credentials because they can be protected by biometric authentication, such as fingerprint or facial recognition.

### Cost-effective.

Using mobile credentials is more cost-effective than traditional credentials because there is no need to securely store, print and distribute physical cards. This can lead to substantial savings for companies of all sizes.

### Sustainability.

Mobile credentials are an environmentally friendly alternative to traditional ID badges or keys because they eliminate the need for plastic cards and other physical materials.

## NFC Wallet Mobile Credentials help eliminate the challenges of:

- Maintaining a badging office
- Time taken in pictures, badge issuance, and printing
- Cameras, printers, physical cards
- Shipping cards or scheduling pickup appointments
- Lost/stolen cards
- Shared cards
- Environmental impact

## Additional benefits include:

- The same level of security used for mobile phone payments
- Supported on Apple and Google NFC Wallets
- Compatible with various Physical Access Control System and Reader Technologies
- Single Sign-On/AD Authentication
- Ease of use - No need to unlock the phone or keep any apps running in the background
- Reduced issuance/revocation time can be pushed to thousands of users at once

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# Guardian End-to-End Automation and Governance of Mobile Credentials.

The Guardian cloud platform, as a backend engine, connects with various HR/IT/Students data sources and provides a unified experience for physical security and building access. The platform is widely accepted in the industry and used by many Fortune 100/500 customers globally to automate their building operation with compliance and governance.

## Platform features:

- Automated workflow, notifications, and provisioning
- One-click credential issuance and provisioning
- Automatic credential revocation for inactive or terminated identities
- Role/Department-based building access
- Automatic access adjustments for role/department changes
- Integration with watchlist/Do not admit list
- End-to-end audit and reporting
- Out-of-the-box, more than 200 integrations across IT/Physical security systems

**ALERT ENTERPRISE**
Guardian Platform

**HR/Identity Source**
Full Lifestyle Access Automation for Employees, Contractors & Students

**Physical Security**
Automated Provisioning

**IT Systems**
Active Directory/SSO Training System

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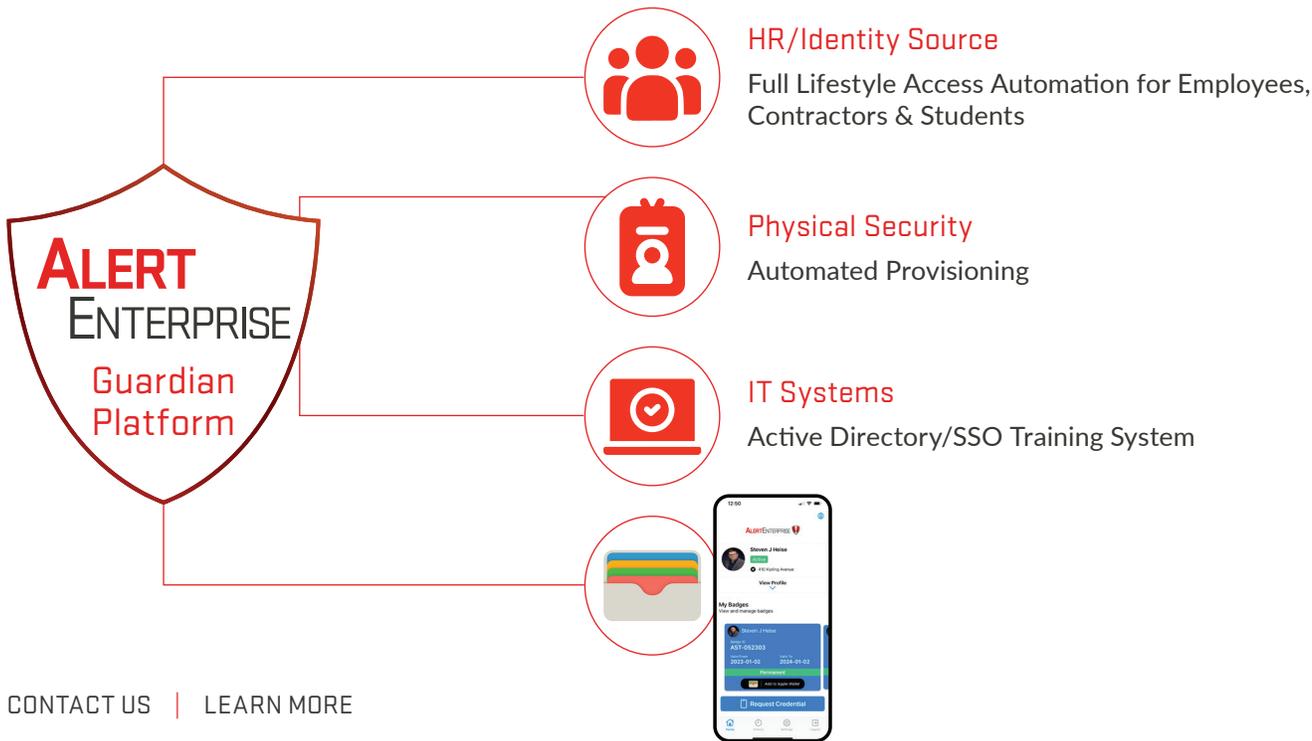
# Solution Deployment.

Deploying the AlertEnterprise NFC Wallet mobile credential solution is straightforward. The Guardian platform is deployed in a secure cloud. With the help of out-of-the-box connectors and data sync jobs, it connects with identity source systems and physical access control systems and establishes a unique identity profile and assigns a Physical Badge (if any). Then, based on the rollout strategy, it creates a targeted campaign to send enrollment emails to a designated group of identities with instructions to download the NFC Wallet credential on their phones.

The platform also provides an administrative interface to the security admin to manage policies, notifications, and approval workflows as required. The Role/Department-based building access can be configured during the initial rollout or added/changed later using the same Security Admin Portal.

## Corporate SSO Identity

okta  △ Azure  Microsoft Active Directory  IBM Security

Integrates Seamlessly with Your
Corporate SSO Identity Platform

## ALERTENTERPRISE
## Guardian Platform

## Access Control Systems

| | | | |
|---|---|---|---|
| AMAG | GE | Kantech | S2 |
| Avigilon | Genetec | Lenel | Safetrust |
| Bosch | HID | Matrix | Siemens |
| Brivo | Hirsh | Milestone | Software House |
| Continental Access | Honeywell | Nedap | Solus |
| DMP | IDEMIA | Pacom | Vanderbilt |
| DSX | Johnson Controls | RS2 | |
| | | RSA | |

Employee badge in Apple Wallet on
iPhone and Apple Watch

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# The End User Experience.

End-users receive an email notification with instructions to download the credentials on their phone. The Wallet App is integrated with the organization's AD/SSO server so that only people with a valid 'IT User Account' can download the NFC Wallet credentials. Below are the key steps in the experience on an Apple phone for the end-user.
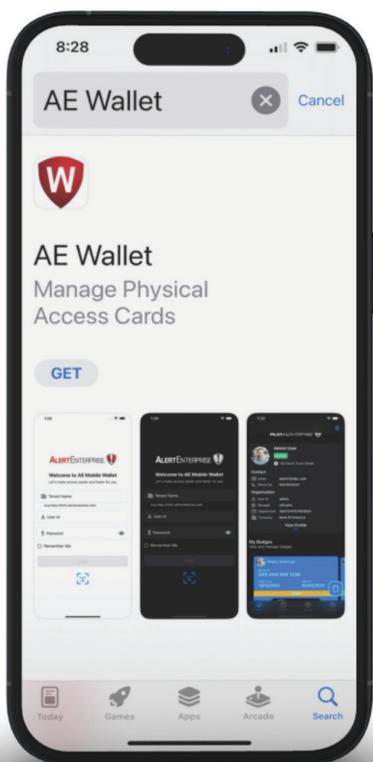


**STEP**
**1**

Download the AE Wallet App from the Apple App store
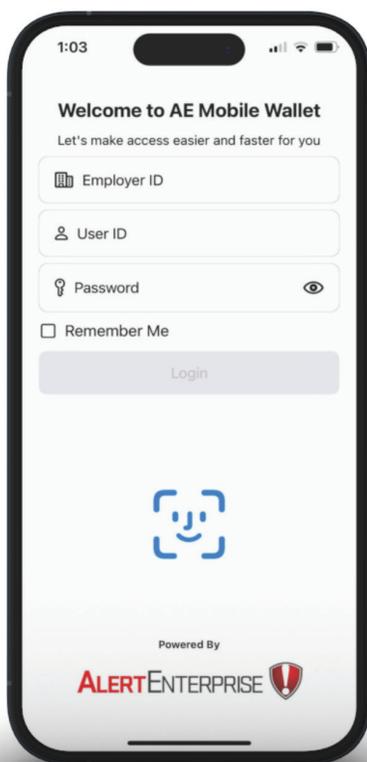
**STEP**
**2**

Log into the AE Wallet App
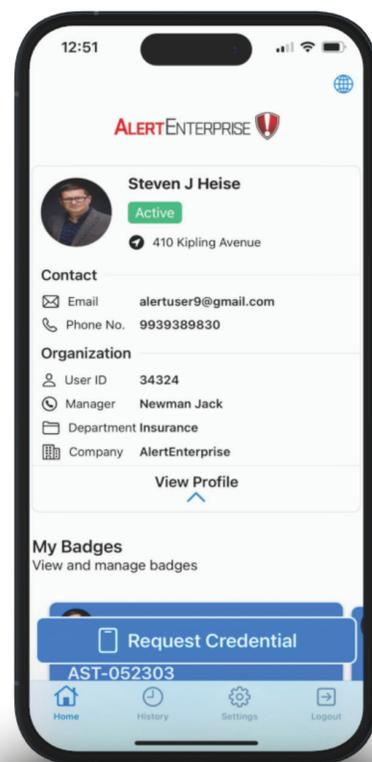
**STEP**
**3**

View My Profile

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# The End User Experience (continued).
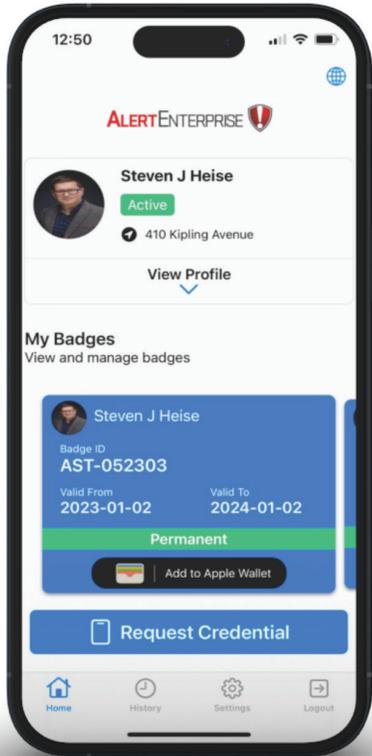


**STEP 4**
View
My Badges
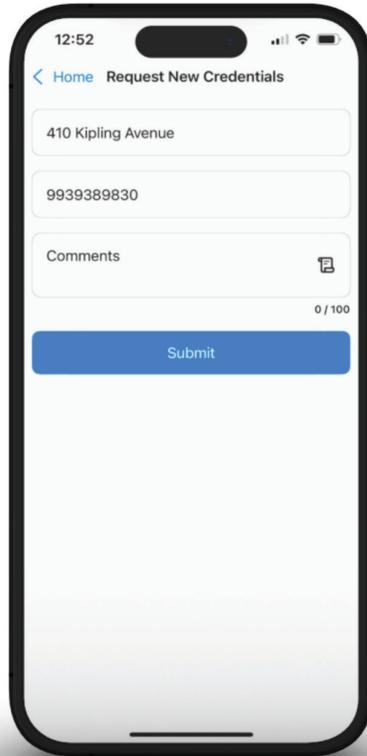
**STEP 5**
Request
New Credential
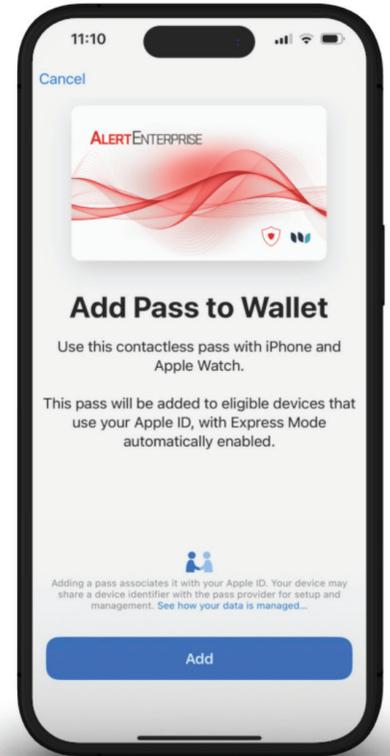
**STEP 6**
Add employee badge to
Apple Wallet

**STEP 7**
The user accesses a secure location using their employee badge in Apple Wallet on their mobile phone.

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# Cloud-based end-to-end automation of the entire NFC wallet mobile credential lifecycle.

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