



# Gallagher Mobile Connect SDK

Harness the power of Bluetooth® wireless technology and Gallagher Mobile Connect to unlock doors using your app.

## Mobile Connect SDK

The Gallagher Mobile Connect SDK is a developer package that provides the functionality of Gallagher Mobile Connect to third party mobile applications.

## Features

- Auto Connect (proximity based) and Manual Connect (user interactive) via Bluetooth®.
- Auto Connect via Bluetooth® when the app is running in the background.
- Support for associated actions (such as arming or disarming) via Bluetooth®.
- Android: Support for Auto Connect via NFC on phones with NFC capable hardware. NFC functions whether the app is in the foreground or background.
- Single factor authentication: The phone authenticates to a Gallagher reader without requiring user interaction in order to gain access.
- Second factor authentication: Increase security by using biometrics or passcode when authenticating to a Gallagher reader.
  - Android: PIN or fingerprint authentication is supported. Fingerprint authentication requires Android 6 or newer and a phone with fingerprint capable hardware.
  - iOS: Passcode or Touch ID authentication is supported on all iPhones with Touch ID. Passcode or Face ID authentication is available on iPhone X and more recent iPhone models.

## What's provided?

- Android Archive Library (AAR) file.
- iOS framework file.
- Fully functional source code and sample application, demonstrating the SDK and Cardholder REST API integration.
- High level and detailed documentation.

## Implementation

Mobile credentials are provisioned in Command Centre using the Gallagher Cardholder REST API. This implementation allows a third party back-end system to provision and distribute mobile credentials. Documentation describing various implementation methods is available upon request.

## Questions?

Contact [interfaces@security.gallagher.com](mailto:interfaces@security.gallagher.com) for more information.

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