



**Integrated Control Technology**

# **Protege Mobile App**

Release Notes | Version 1.0.11



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# Introduction

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This document provides information on the new features, enhancements and issues resolved with:

- Protege Mobile App version 1.0.11

This document incorporates all changes after the initial product launch.

## Updating the Mobile App

Depending on your device configuration, the Protege Mobile App may update automatically on your device when new updates are available, or you may need to update the app manually.

### Updating for Android Devices

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1. On your Android device, navigate to the **Google Play Store**.
2. At the top right, tap the profile icon.
3. Tap **Manage apps & device**. Apps with an update available are labeled 'Update available'.
4. Beside the Protege Mobile App, tap **Update**.

You can also configure the app to update automatically. In **Manage apps & device**, tap **Manage** and select the Protege Mobile App. Tap **More** [ : ] and turn on **Enable auto-update**.

### Updating for iOS Devices

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1. On your iOS device, navigate to the **App Store**.
2. Tap your profile icon at the top of the screen.
3. Scroll to see pending updates and release notes.
4. Beside the Protege Mobile App, tap **Update**.

You can configure your device to update apps automatically. In **Settings**, tap **App Store** and turn on **App Updates**.

# Mobile App Version 1.0.11

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## Issues Resolved (1.0.11)

The following issues were resolved with this release.

- Resolved an issue where the iOS app could not connect to Protege WX.

# Previous Release History

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## Mobile App Version 1.0.9

### New Features (1.0.9)

The following new feature has been included with this release.

#### Protege Wireless Lock Support

This version of the Protege mobile app can be used with Protege wireless locks operating in offline mode.

In an offline locking system, all access data and events are carried on users' cards and mobile devices. When you badge your mobile app at an update point reader, it stores all of the access data needed for you to gain access at wireless locks.

When you unlock a wireless lock, the lock's current status and event log are stored on your phone so they can be uploaded to the system the next time you return to the update point reader.

### Feature Enhancements (1.0.9)

The following enhancements have been made to existing features in this release.

#### Protege WX Enhancements

- Added the ability to connect to Protege WX using self-signed or default HTTPS certificates without needing to install the certificate on the user's device. Users can choose to accept the certificate when they first connect to the controller.
- The Protege Mobile App now supports Protege WX versions 4.00.1969 and above. It is still backwards compatible with earlier Protege WX versions.

#### Offline Operation

- The mobile credential can now be used to gain access at doors even when the device has no internet connection. The mobile app only needs an internet connection when logging in for the first time.

### Maintenance Updates (1.0.9)

The following updates have been made for maintenance purposes:

- Updated the Android app to target SDK version 33.
- Removed the option to log in to the Android app using a Twitter account, as this was no longer available from the provider.
- Updated components with security vulnerabilities.

## Mobile App Version 1.0.8

### New Features (1.0.8)

The following new feature has been included with this release.

#### Protege X Places

The Protege Mobile App now supports connection to cloud-hosted Protege X systems.

- In the **Add Place** menu there is now a **Type** selection.
- When you add a new place you will need to set the type to Protege GX/Protege WX or Protege X.

- When you select the Protege X option you will be prompted to sign in using your authenticated Protege X operator account credentials, including multifactor authentication.
- Once signed in, if you have access to multiple Protege X places you will be prompted to **Select Place**.
- You will also have the option to subscribe to **Push Notifications**.
- Protege X places have the same view and control options as Protege GX and Protege WX places.

For complete instructions on adding places in the mobile app, see the [Protege Mobile App User Guide](#).

Once your Protege X place is configured it will appear in your My Places list and can be accessed any time you log in to the mobile app.

For information on Protege X and signing in requirements, see the [Protege X online help](#).

## Feature Enhancements (1.0.8)

The following enhancement has been made to existing features in this release.

### Push Notifications for Protege X

- This version of the mobile app introduces push notification support for cloud-hosted Protege X systems.

The push notifications reporting service is limited to reporting from one controller in each Protege X place. If a place has multiple controllers the service will only send notifications for objects and activity associated with the selected controller. This is a known current limitation of the push notifications reporting service.

## Issues Resolved (1.0.8)

The following issues were resolved with this release.

- Resolved an issue where the wakelock process could cause the Bluetooth® service to crash on Android phones, usually with a popup alert that 'Protege mobile app has stopped'.

Note that users may see this error the first time after updating the mobile app to version 1.0.8 as this service is stopped during the update process.

- Resolved an issue where the Bluetooth® service could crash on Android phones due to attempting to restart in the background, causing the app to be terminated with a popup alert that 'Protege mobile app has stopped' and not restart correctly.

## Maintenance Updates (1.0.8)

The following updates have been made for maintenance purposes:

- Due to the requirements of some related libraries, the minimum supported iOS version is now 14.

## Mobile App Version 1.0.7

### Feature Enhancements (1.0.7)

The following enhancements have been made to existing features in this release.

#### Device Language Settings

- This version of the mobile app introduces support for the device's language settings. On startup the app will now detect the language set in the device and automatically use that language.

If the device language is not available the app will default to English.

#### Added Language Support

- The following new language translation packs have been added to the mobile app:
  - Czech
  - Dutch
  - Finnish
  - German
  - Swedish

Note: There are some missing translations within all language packs. These will be improved over time.

### Added Language Support for Push Notifications

- Support has been added for push notifications to be sent in the device language for the following languages:
  - French (fr)
  - Spanish (es)

At this stage all other languages will be sent in English.

There is currently a known issue where push notifications are sent in French when the device language is set to Estonian (et), Greek (el), Italian (it), Polish (pl) or Russian (ru). This will be addressed in a coming release.

### Protege GX Second Language Display

- The mobile app now supports the 'Second Language' name for Protege GX records which have that option. When the device language is **not set to English** the app will check and use the **Name (second language)** field when displaying the record. If the second language field is blank it will default to the primary **Name** field.

## Issues Resolved (1.0.7)

The following issues were resolved with this release.

- Added translation keys for strings which had not yet been translated in the app.
- Added translation tags for strings used on native screens, such as SIP, service notifications and microphone.
- Added language translations for server side error messages.
- Resolved an Android issue where the app would crash upon auto restart after switching the device language, requiring the app to be manually restarted.

## Maintenance Updates (1.0.7)

The following updates have been made for maintenance purposes:

- Upgraded the Angular web framework version.
- Upgraded the Android target API to version 32, as per Google requirements.
- Updated the Facebook plugin.

## Mobile App Version 1.0.6

### New Features (1.0.6)

The following new features have been included with this release.

#### Limiting Number of Devices per Credential

By default, Protege mobile credentials can be installed on any number of devices. This is convenient for end users, but can present a security risk: users may share their mobile app username and password, allowing unauthorized parties to gain access to secure areas.

This version of the Protege mobile app allows you to limit the number of devices which each mobile credential can be installed on, preventing sharing and reuse of credentials. These can be managed via the mobile credential portal ([wirelesscredentials.com](https://wirelesscredentials.com)).



- Set the maximum number of devices for each credential individually, or apply the limit to a batch of credentials via the credential profile.
- Building managers and system administrators can view and manage the list of registered devices for each credential. This allows them to remove credentials from individual devices in the event they are lost, stolen or changed.
- Users receive a warning when they attempt to register a device that exceeds the device limit.

For more information, see the [Protege Mobile Credential Management Portal User Guide](#).

## Maintenance Updates (1.0.6)

The following update has been made for maintenance purposes:

- Upgraded the Android target API to version 30, as per Google requirements.

## Mobile App Version 1.0.5

### Feature Enhancements (1.0.5)

The following enhancements have been made to existing features in this release.

- Improved the loading and login performance.
- Improved the popup disclaimers and notification messages for the process of adding a place.
- Added a language selection to place configuration to enable display of status information in non-English languages. The selection will pop up when a place that is connected to a Protege GX site is added or edited.
- AIA (Authority Information Access) chasing has been added for Android to allow the app to connect to HTTPS enabled controllers when no intermediate certificate is included but the AIA extension is available on the server certificate.

### Issues Resolved (1.0.5)

The following issues were resolved with this release.

- Resolved a glitch in the initial loading for users with a Google login on Android.
- Corrected an issue preventing the credentials tutorial displayed to first-time users from being dismissed in some environments. The tutorial is now scrollable to improve usability and closing.
- Corrected an issue where the home icon text did not update after a language change.
- Resolved an issue when editing a username for a place. The update username behavior has been changed to prevent the password reset causing an update failure.

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