



AN-201

Protege GX Push Notification Setup

Application Note



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Configuring Protege GX Push Notifications

Push notifications for the Protege Mobile App are enabled by creating a specially configured Report IP service that is associated with an area. This allows you to receive notifications about area arming, disarming, alarms, tampers, bypasses and restores directly to your mobile device.

This functionality is available in Protege GX version 4.2.194 or higher.

Creating the Report IP Service

1. Navigate to **Programming | Services** and click **Add**.
2. For the service **Name** enter **PUSH - DO NOT TOUCH**.

The service name must be entered **exactly** as above.

3. Set the **Service Type** to Report IP.
4. Set the **Service Mode** to 1 - Start with Controller OS.
5. Select the **General** tab.
6. Set the **Client Code** to the last six characters of the controller that the service is hosted by.
(For example, if the controller's serial number is C29E2FDA, the client code is 9E2FDA)
7. Set the **Reporting Protocol** to Armor IP (TCP) Encrypted.
8. Set the **Encryption Level** to AES 256 Bit.
9. Generate the 32 character encryption key at <https://www.ict.co/Key-Generator>. On the Key Generator page, click **Generate Key** then copy the resulting code and paste it into the **Encryption Key** field.
10. Set the **IP Address / Host Name** to **40.86.94.33**.
11. Set the **IP Port Number** to **10105**.
12. Select the **Options** tab and enable the following options to report:
 - Report Open
 - Report Close
 - Report Alarms
 - Report Tampers
 - Report Restore
 - Report Bypass

Note: The options selected above can be customized to report only the desired notifications.

13. Click **Save**.
14. Right click on the service and select **Start Service**.

Configuring the Area

1. Navigate to **Programming | Areas** and select the area to enable push notifications for.
2. Select the **Configuration** tab and scroll down to the **Reporting Services** section.
3. Click **Add** and select the **PUSH - DO NOT TOUCH** service, then click **OK**.
4. Click **Save**.

The reporting service must be assigned to all the areas that you wish to receive push notifications for.

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