

Carrier Open Access Alliance Program Infinity[®]/Evolution[®] Systems Open API Getting Started

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1. Introduction

These instructions will help connect your sample Carrier® Infinity® Touch and Bryant® Evolution® Connex™ wall controls to the Infinity®/Evolution® Systems Open API server to allow you to develop your application. Once the connection to your application is complete, you can promote your product as connecting to the Carrier Infinity and Bryant Evolution Systems.

Note that Carrier Corporation (Carrier) makes no warranties as to the suitability of this Open API to the needs of your application. The responsibility for properly interfacing any Carrier® Infinity® Touch or Bryant® Evolution® Connex™ wall control to your application rests solely with you, the third-party application provider. In addition, Carrier reserves the right to charge you for, or deny you access due to excessive usage of the Infinity/Evolution online system. See the **Carrier Open Access Alliance Program (OAAP)** Agreement for details.

You will be asked to fill out a questionnaire about your company and your application. The questionnaire may be found at this link: [Carrier/Bryant OAAP Applicant Survey](#).

In addition, you'll receive a copy of the Carrier Open Access Alliance Program Agreement. Upon acceptance of the Developer Questionnaire and Program Agreement by Carrier, we will provide¹ samples of the Infinity Touch and Evolution Connex wall controls for your use in your development efforts. These samples are yours to keep and should be retained to help you provide on-going technical support for your customers.

¹ *Charges for samples are at Carrier's discretion.*

2. Registering a Client App with the Open API

1. Fill out the form at <https://forms.office.com/r/3RttKvEF4k>.
2. Carrier will provide the complete Documentation Package for the Infinity/Evolution Open API, including an Application Questionnaire and the Carrier Open Access Alliance Program Agreement.
3. Return the completed Questionnaire and Program Agreement to begin the approval process.
4. Upon approval, Carrier will provide² samples of the Carrier Infinity Touch and Bryant Evolution Connex wall controls for your use in developing your application.
5. Carrier will provide a set of OAuth 2.0 credentials and URLs required for your client app.

3. Connecting a Wall Control

1. After your wall control has powered up and is operating in Demo mode, go to “menu → wireless”.
2. Enable Wi-Fi³ and set up a local Wi-Fi connection.
3. Wait a few minutes before registering your wall control on the my.carrier.com or my.bryant.com Consumer Portal. This will allow time for your wall control to upload all settings to the Infinity/Evolution server, and to be updated with the latest firmware.

² Charges for samples are at Carrier’s discretion.

³ (Wi-Fi® is a registered trademark of the Wi-Fi Alliance Corporation.)

4. Registering a Wall Control on the My Infinity Touch or My Evolution Connex Consumer Portal

1. Navigate to my.carrier.com or my.bryant.com.

Note that registering on either consumer portal establishes the account on the same database, and the account can be accessed from either website.

2. Click “Create Account →” and follow the steps to create an account.
3. Once you’re logged in and have created a Home, click “Add Device”.
4. Enter the serial number, MAC address, and PIN for your wall control when prompted. These are located on the wall control’s “menu → wireless → MyInfinity/MyEvolution registration info” screen.
5. Proceed through the remaining registration screens.

5. Working with the Infinity®/Evolution® System Open API

The appropriate URLs and credentials will be provided after you have signed the Developer Agreement. While building your client app, you will need to follow the process outlined in the credentials package, delivered to you when you are accepted into the program, for obtaining the proper OAuth 2.0 access tokens.

An OAuth 2.0 access token will be sent from <https://sso.carrier.com>, after access to an account is accepted by the account owner. Send that access token with all API requests to the Infinity/Evolution Open API (<https://openapi.ing.carrier.com>).

For more detail on the OAuth 2.0 authorization process, see the Infinity/Evolution Open API OAuth 2.0 Specification Document, included in the Infinity/Evolution Open API Documentation Package, on the Open API documents site at <https://openapi.ing.carrier.com/docs>. For more detail on specific endpoints, see the Open API reference (also <https://openapi.ing.carrier.com/docs>).

6. After Application Development

1. Once your application is completed, contact the developer support team through Teams to let them know that your application is done.
2. After informing the developer support team, the developer will be free to promote their product as connecting to the Infinity/Evolution systems.

NOTE: This is NOT a verification of your application's operation—that is your responsibility. We just want to know that you've started offering your application to your customers.

7. Post-Verification Support

Customer support for your application is your responsibility. The developer support team will accept no responsibility to support customers using your application. Carrier will advise customers having problems with your application to contact you directly. The Questionnaire includes a space for your customer support contact information. This is the contact information to which Carrier's Customer Support staff will refer all questions regarding your application.

Carrier reserves the right to charge you for customer support calls for your application.

The developer support team is available to assist you with post-verification Infinity/Evolution Open API interface support but reserves the right to charge you for that support.

Carrier reserves the right to discontinue access for your application if it is found to disrupt the operation of the Infinity/Evolution server system, or if it does not provide the advertised functionality to Infinity/Evolution customers.