

# Carrier Open Access Alliance Program Infinity<sup>®</sup>/Evolution<sup>®</sup> Systems Open API Getting Started

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# 1 Introduction

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**The following steps will help you make the initial connection to the Infinity®/Evolution® Systems Open API.** These instructions will help connect your sample Carrier® Infinity® Touch and Bryant® Evolution® Connex™ wall controls to the Infinity/Evolution server to allow you to perform your interface development. Once the connection to your application is complete, Carrier will do a high-level verification that your application does not disrupt the Infinity/Evolution System, and then allow you to 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 particular application. The responsibility for properly interfacing any particular 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, excess usage of the Infinity/Evolution online system. See the **Carrier Open Access Alliance Program** (OAAP) Agreement for details.

In addition, you'll receive a copy of the Carrier Open Access Alliance Program Agreement. Upon acceptance of the Program Agreement by Carrier, we will provide\* 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.

## 2 Registering a Client App with the Open API

- a) Contact Carrier at [InfinityOpenAPI@carrier.com](mailto:InfinityOpenAPI@carrier.com) and request a third-party application registration package for both the Infinity and Evolution Connex controls.
- b) Carrier will provide the complete Documentation Package for the Infinity/Evolution Open API, including the Carrier Open Access Alliance Program Agreement.
- c) Return the completed Program Agreement to begin the approval process.
- d) Upon approval, Carrier will provide\* samples of the Carrier Infinity Touch and Bryant Evolution Connex wall controls for your use in developing your application.
- e) Carrier will provide a set of OAuth 2.0 credentials and URLs required for your client app.

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

### 3 Connecting a Wall Control

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- a) After your wall control has powered up and is operating in Demo mode, go to “menu > wireless”.
- b) Enable Wi-Fi<sup>®</sup> and setup a local Wi-Fi connection.
- c) Wait a few minutes before registering your wall control on the [www.MyInfinityTouch.com](http://www.MyInfinityTouch.com) or [www.MyEvolutionConnex.com](http://www.MyEvolutionConnex.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.

*(Wi-Fi<sup>®</sup> 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

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- d) Navigate to <https://www.myinfinitytouch.carrier.com> or <https://www.myevolutionconnex.bryant.com>.

*Note that registering on either the My Infinity Touch or My Evolution Connex consumer portals establishes the account on the same database, and the account can be accessed from either website.*

- e) Click “SIGN UP”.
- f) On the first registration screen, you will need your wall control’s serial number, MAC address, and PIN. These are located on the wall control’s “menu > wireless > MyInfinity/MyEvolution registration info” screen.
- g) Proceed through the remaining registration screens.

### 5 Working with the Infinity<sup>®</sup>/Evolution<sup>®</sup> System Open API

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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://www.myinfinitytouch.carrier.com> or <https://www.myevolutionconnex.bryant.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/docs>.

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 (<https://openapi.ing.carrier.com/docs>).

For technical assistance, contact the developer support team at [carriersupport@outsidesource.com](mailto:carriersupport@outsidesource.com). You may be charged for assistance, depending on the level of assistance that you require.

## 6 High-Level Verification

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- f) Once your application is completed, contact the developer support team ([carriersupport@outsidesource.com](mailto:carriersupport@outsidesource.com)) to let them know that your application is ready for high-level verification.
- g) The developer support team will work with you to perform the high-level verification that your application does not disrupt the Infinity/Evolution server and system operations.
- h) Once the verification is complete, and passed, 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.***

## 7 Post-Verification Support

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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 ([carriersupport@outsidesource.com](mailto:carriersupport@outsidesource.com)) 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.