

iConnect 186639 Design Approach

Project Overview

Add Google Place Autocomplete Address Form to firelight for both forms and wizards.

Features/Requirements

- New control added to both forms and wizards.
 - It is used solely for Google's autocomplete.
 - It has a data group field property.
- When an autocomplete option is selected, the Address Autocomplete field will modify other text fields sharing the appropriate data group and data group properties.
 - When the auto complete modifies the other fields they will go through the normal update field process.
- The IT Google API key will be stored in global configuration so that it can be universally accessed from all organizations.
- It will not be available in the console.
- It will be available in consumer portal.
- IT will have the ability to disable the autocomplete control on a per-organization basis.
- New API endpoints in EditWizardApplicationController and EditApplicationController to request a list of autocomplete options from Google, and get details of a selected option.

Use Cases / Workflow Changes

The Address Autocomplete control is available in both the form and wizard designer. Once added to a form/wizard, a data group will need to be specified in the field properties.

A user will be able to type any part of an address into the address autocomplete control (e.g. "100 West St 80808"), at which point they will be shown a list of 5 options to select from. Results can be narrowed down by adding more detail to the search term. Once an address is selected by a user, the address components (line1, city, state, zip code, country) will be filled into any text input fields with the same data group as the component, and that also have the corresponding data group property set.

If the 'X' button is clicked on the wizard or form, results will be cleared, as well as the search text inside of the address autocomplete input.

Admin Changes

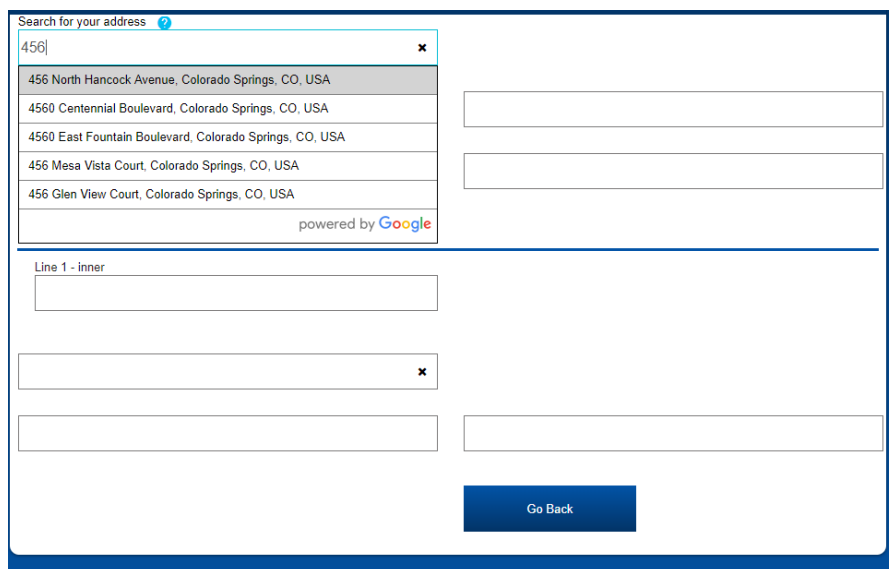
There is a new field type named Address Autocomplete in the wizard and form designers. This feature is enabled by default, but it can be disabled on a per-organization basis (contact your project manager for assistance). When the feature is disabled, the control will no longer be available in the form and wizard designer, and will not appear on any existing forms or wizards.

App Changes

New Google autocomplete field will show when appropriate in both forms and wizards.

UI Mock Ups

Wizard mockup:



Search for your address

456

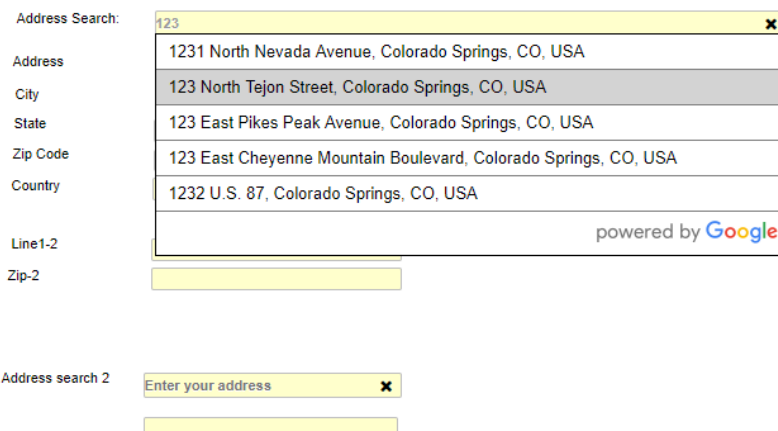
- 456 North Hancock Avenue, Colorado Springs, CO, USA
- 4560 Centennial Boulevard, Colorado Springs, CO, USA
- 4560 East Fountain Boulevard, Colorado Springs, CO, USA
- 456 Mesa Vista Court, Colorado Springs, CO, USA
- 456 Glen View Court, Colorado Springs, CO, USA

powered by Google

Line 1 - inner

Go Back

Form Mockup:



Address Search: 123

Address

City

State

Zip Code

Country

Line1-2

Zip-2

Address search 2

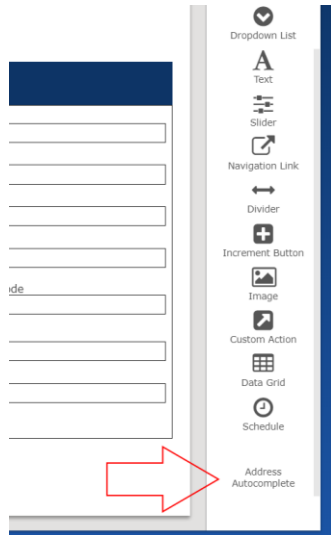
Enter your address

powered by Google

How to Enable and Use This Feature

This feature is enabled by default. It can be disabled by contacting your project manager at Insurance Technologies. Here is a set up example using the wizard designer.

The field is at the bottom of the field type list in the right wizard tool bar. Drag this onto a page.



Add the appropriate Data Group (in the example below it is set to Agent):

Address Autocomplete Properties

☐ Place Field on a New Row

Name
addressautocomplete_0

Text
Enter a Value

Width
6

Mobile Width
Enter a Value

Class Name
Enter a Value

Help Text
Enter a Value

Data Group
Agent

CANCEL
OK

Add the corresponding agent address fields and set the Data Group to Agent and the Data Group Property on each address field accordingly.

Text Box Properties

☐ Place Field on a New Row

Name
Agent_FirmAddress1

Text
Address

Width
6

Mobile Width
Enter a Value

Class Name
Enter a Value

Help Text
Enter a Value

Input Type
None ▼

Text Mask
None ▼

SSN Format
None ▼

Data Group
Agent ▼

Data Group Property
Line1 ▼

Maximum Length
100

Number Of Lines
1

☐ Allow Decimal

☐ Office Use Only

CANCEL
OK

Areas Impacted

System Area	Yes	Comment
Admin Tool	x	
- Form Library		
- Design Forms, Wizards	x	
- Profile Administration		
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Activity	x	
- Signature Process		
- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
- PDF Generation		
- Email System		
FireLight Console		
- Windows		
- iOS		
Other Systems		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		