

iConnect 152962 Design Approach

Project Overview

Provide a new field level property that will mark a field as a Social Security Number (SSN) and allow the input to have a mask applied during form entry that would hide the original value. The format of the mask will also apply to the generated PDF. The raw unmasked value will be available during the normal APP/SUB process.

This enhancement will also secure the value within the browser. The mask will be applied on the server, which will hide the original value from the browser. This would prevent someone from using the developer tools within the browser to see the original value.

Features/Requirements

- Create a single drop down in the field properties for a text box that would allow them to set the format for an SSN field. The field will have a label of “SSN Format”
- User can select from None, Visible (123-45-6789), Partial (XXX-XX-6789) or Full (XXX-XX-XXXX). None is the default value and would indicate that it is not an SSN field
- Mask and password field cannot be used when this mask is enabled.
- The formatting would need to be applied on the server so that the value is secure. This will secure the value so that it is not visible in the browser developer tools or by performing a view source of the page.

Admin Changes

- Drop-down menu for SSN Format that specifies None, Visible, Partial, and Full

App Changes

- When the user enters an SSN value into a field that has a SSN Format applied to it, the value will be formatted after the user enters the value and tabs off of the field.

UI Mock Ups

Decipher - Insurance Technologies

Field Properties

Name:
Requested

Top, Left:
344
240

Width, Height:
174
18

Tab Index:
0

Font Size:

Font Family:

Font Color:

Text Alignment:

Background:

Input Type:

Max Length:

Soft Limit:

Tool Tip:

Error Placement:
Default

Protection:
None

Mask:
None

Data Group:
None

SSN Format:
None

Global Scope:
None

Multi Line:

Exclude from PDF:

Read Only:
☐

Office Use Only:
☐

Is Password:
☐

Z Order:
Bring to Front
Send to Back

Update
Close

How to Enable and Use This Feature

- In the admin tool, navigate to the form designer and add a text box to the form
- Select the form field and click Field Properties
- Select the desired SSN Format for the field and click Update
- Close the Field Properties dialog and save the form

Areas Impacted

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms		New SSN Format option
- Profile Administration		
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application		New SSN Format will be applied
- Signature Process		
- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
- PDF Generation		New SSN Format will be applied
- Email System		
FireLight Console		
- Windows		
- iOS		

Other Systems		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		