INSURANCE TECHNOLOGIES

Print Form PDF Enhancements
FIRELIGHT BASE

FireLight®

Platform

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Design Approach - Print Form PDF Enhancements

For the Print Forms activity, this enhancement will allow the fillable PDFs to support formatting of date of birth, Social Security Number, and phone number fields. JavaScript will be added to the fillable PDFs in order to support formatting of these specific field types (date of birth, Social Security Number, and phone number). This will allow Adobe formatting for the SSN and phone number fields to occur and will add a custom DOB solution for mm/dd/yyyy to show. This will only apply to the Print Forms Activity.

Impacts:

Fillable PDFS for Print Forms Activity

1   FireLight System Enhancements

In the Fillable PDF, the tabbing order and formatting of the DOB and SSN fields will need to be retained from FireLight into the fillable PDF. This is a R&D project first, but if found that these are able to be implemented, we will need to code these enhancements.

1.1   Retain Formatting on DOB, SSN, and Phone Number Fields

With Fillable PDFs, please assume: if the associated field has a mask configured, and if

The mask contains "phone" in the dataitem name, then the format will be (XXX)XXX-XXXX and be 10 digits

The mask contains "SSN" in the dataitem name, then the format will be XXX-XX-XXXX and be 9 digits

The mask contains "DOB" in the dataitem name, then the format will be mm/dd/yyyy

For Dates, this should be the formatting:

12092005 -> 12/09/2005

2-3-2005 -> 2/3/2005

12/31/2005 => 12/31/2005

It is not date aware to the level of ensuring the day is valid for the given month. I.e.,

2-30-2005 -> 2/30/2005

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but if something is outside the general range (for instance, month > 12, day > 31), it will leave the entered value as-is. i.e.,

23-40-1960 -> 23-40-1960

Acceptance Criteria

- The mask contains "phone" in the dataitem name, then the format will be (XXX)XXX-XXXX and be 10 digits
- The mask contains "SSN" in the dataitem name, then the format will be XXX-XX-XXXX and be 9 digits
- The mask contains "DOB" in the dataitem name, then the format will be mm/dd/yyyy
- If a wrong date is entered, it will stay as is - validation is out of scope
- Formatting will occur in Adobe Reader (install), Foxit (install), Google Chrome (built in viewer), and Edge (built in viewer)