

iConnect 190206 Design Approach

Project Overview

To provide a Forms Repository within FireLight. FireLight already contains numerous Forms, which can simply be printed as a package without filling out or submitting to a carrier.

Features/Requirements

- Create new transaction type for Print Forms
- Similar to other transaction types the Group view will control whether the group has access to Print Forms.
- FL will need a new package type for Form Repository.
- Print Forms will be setup similar to other activities with a Product, Sales Agreement, and Package with Wizard Forms and Rules.
- The new Print Forms transaction will be available from the home screen with button.
- On Creation FL requires a product and state in order to setup the package.
- The new Print Forms transaction will also be available directly through an SSO. This will create the Print Forms activity and take the user to the new activity.
- The Acord model in the SSO must identify this as a Print Forms transaction (Acord does not have a code to handle this. FL will provide the necessary format)
- The Print Forms activity will only support Wizard data entry.
- The wizard and rules will control including/excluding forms.
- The new Print Forms activity will allow the user to modify the selection of Optional Forms through the print dialog.
- The Status bar with steps 1-4 (Data Entry, Signatures, Review etc) is not displayed
- Inside the activity for Print Forms, the print button will replace the Continue button.
- The Print button is enabled when the activity is at 100% or the organization has Allow NIGO turned on.
- The transaction will be invoiced the first time the user Prints.
- After the activity is printed it will be locked preventing editing of the inputs. The Print button is still enabled for additional printing.
- Print Form cases are hidden from the Home and All Activities views. Once the case is closed it will not be accessible.
- Print Forms cases will follow the standard purge policy.
- Reporting will be adjusted to account for Print Forms transactions.

Use Cases / Workflow Changes

[Provide sample use cases on how a client can use this feature]

Admin Changes

Setting up a Product and Sales Agreement for Print Forms will be no different than other FireLight products. There are a few things to consider. The Product must support the Print Forms transaction type,

the Package should have a Package Type of Print Forms and the package must contain at least one Wizard for UI data entry.

The new Print Forms Transaction Type will be available in the Product View

Product Organization Name	<input type="text"/>
Full Settling DTCC Member	<input type="checkbox"/>
Product Locale	<input type="text" value="English (en-US)"/>
Last Updated	11/1/2018 7:39 PM UTC

[Product Features](#)

Guided Illustration	<input type="checkbox"/>
Illustration	<input type="checkbox"/>
Needs Determination	<input type="checkbox"/>
Post Issue Services	<input type="checkbox"/>
Print Forms	<input checked="" type="checkbox"/>
Subsequent Payment	<input type="checkbox"/>

Save Product Config

The new Print Forms Package Type is available on the Package view.

Package Detail	Forms/Wizards In Package	Rule Sets In Package
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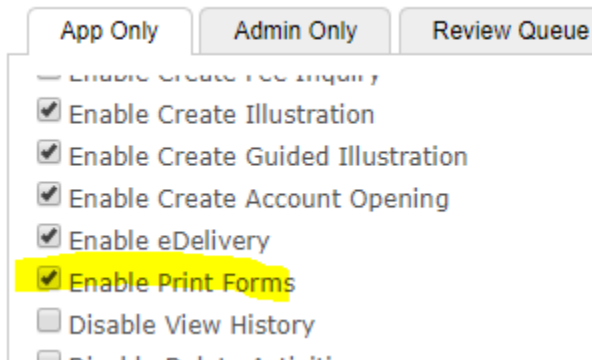
Package Name

Package Type

Role Codes

**Add Standard
Api Role**

Setup the group access in the Group view on the App Only tab.



App Only Admin Only Review Queue

- ☐ Enable Create Fee Inquiry
- ☒ Enable Create Illustration
- ☒ Enable Create Guided Illustration
- ☒ Enable Create Account Opening
- ☒ Enable eDelivery
- ☒ **Enable Print Forms**
- ☐ Disable View History

App Changes

The SSO now supports an Acord 310 (FormInstance Search) transaction as part of the SSO request. The 310 is included in the SSO as a “SSO_NB” assertion. When a valid 310 is provided (See below for example), a new Print Forms activity is created and the user will be navigated to the new activity. The sample below shows a minimal 310 needed for a Print Forms activity.

Sample 310 for Print Forms activity...

```
<TXLifeRequest xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  id="_b82a4cd5-4361-a6dc-f780-f3a2fcda7c4e"
  PrimaryObjectID="Holding_1"
  xmlns="http://ACORD.org/Standards/Life/2">
  <TransRefGUID>94A4F5CA-BC41-4A0E-B69F-1BAE2850FA93</TransRefGUID>
  <TransType tc="310">FormInstance Search</TransType>
  <TransExeDate>2019-11-12</TransExeDate>
  <TransExeTime>10:34:30.0000000-06:00</TransExeTime>
  <OLife>
    <Holding id="Holding_1">
      <Policy CarrierPartyID="">
        <ProductCode>PrintForms</ProductCode>
        <CarrierCode>ABC</CarrierCode>
        <Jurisdiction tc="1">Alabama</Jurisdiction>
      </Policy>
    </Holding>
    <Party id="Party_1">
      <PartyTypeCode tc="2">Organization</PartyTypeCode>
      <FullName>ABC Corp</FullName>
      <Organization>
        <AbbrName>ABC</AbbrName>
      </Organization>
    </Party>
  </OLife>
</TXLifeRequest>
```

```

    </Organization>
    <Carrier>
      <CarrierCode>ABC</CarrierCode>
    </Carrier>
  </Party>
  <Party id="Party_2">
    <PartyTypeCode tc="1">Person</PartyTypeCode>
    <FullName>John Agent</FullName>
    <Person>
      <FirstName>John</FirstName>
      <LastName>Agent</LastName>
    </Person>
    <Producer>
      <CarrierAppointment id="CarrierAppointment_1">
        <CompanyProducerID>00000000-0000-0000-0000-000000000000</CompanyProducerID>
        <CarrierCode>ABC</CarrierCode>
        <CarrierName>ABC Corp</CarrierName>
        <CarrierApptTypeCode tc="" />
      </CarrierAppointment>
    </Producer>
  </Party>
  <Relation id="Relation_1" OriginatingObjectID="Holding_1" RelatedObjectID="Party_2">
    <OriginatingObjectType tc="4">OLI_HOLDING</OriginatingObjectType>
    <RelatedObjectType tc="6">OLI_PARTY</RelatedObjectType>
    <RelationRoleCode tc="11">OLI_REL_AGENT</RelationRoleCode>
  </Relation>
  <Relation id="Relation_2" OriginatingObjectID="Holding_1" RelatedObjectID="Party_2">
    <OriginatingObjectType tc="4">OLI_HOLDING</OriginatingObjectType>
    <RelatedObjectType tc="6">OLI_PARTY</RelatedObjectType>
    <RelationRoleCode tc="37">OLI_REL_PRIMAGENT</RelationRoleCode>
  </Relation>
</OLife>
</TXLifeRequest>

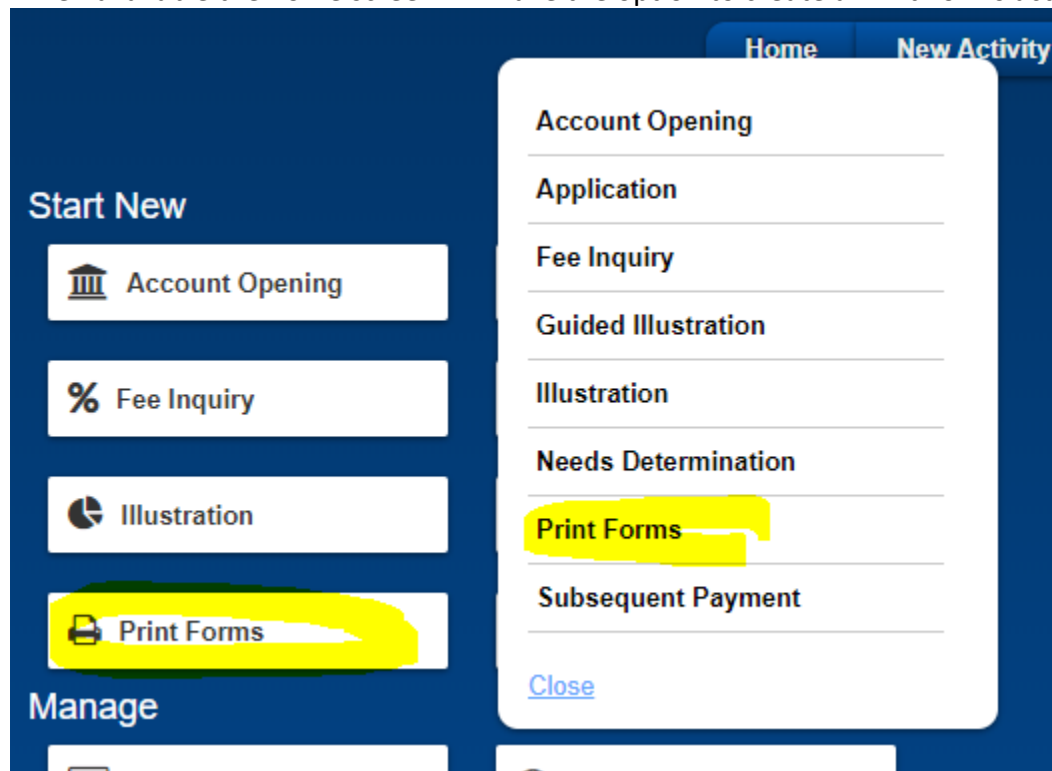
```

A valid 310 transaction must include a TransType tc = 310. This identifies the request as a Print Forms activity. The ProductCode, CarrierCode and Jurisdiction are also required to create the activity. ProductCode must match the products CUSIP. CarrierCode must match the FireLight carrier abbreviation. Jurisdiction must match the Acord Jurisdiction values. The user information must also be include to create the activity under the correct user. Refer to SSO documentation for more details.

Sample SSO_NB SAML assertion...

```
<saml:Attribute Name="SSO_NB">  
  <saml:AttributeValue><TXLifeRequest ... </TXLifeRequest></saml:AttributeValue>  
</saml:Attribute>
```

When available the home screen will have the option to create a Print Forms activity.



Within the Print Forms Activity the options are limited. There will be no forms to upload, requests to a clients, History, signatures or submission. The Status bar is removed and replaced by the Nav Bar. The only options available in the Nav Bar are to Alerts and Print. The Print option is only enabled when all validation messages are resolved.



When the user clicks the Print button the inputs in the activity will be locked. The user can print again, but the inputs cannot be changed. Also note that when the activity is closed it is hidden and cannot be opened again. Print Forms activities are one time use only.

Integration Changes

Since Print Forms activities are not submitted the Provider will need few changes. The Provider is called during activity creation to setup/modify DataItems. This should be the only provider area of the Provider that may need modification.

How to Enable and Use This Feature

Within the Admin Tool the setup is no different than other Products.

1. Create a Wizard with inputs needed to control the inclusion/exclusion of Forms.
2. Create Rules that manage the inclusion/exclusion of Forms.
3. Create a Package to handle Print Forms. Set the Package Type to Print Forms.
4. Add the Wizard and Rule Set created above to the Package.
5. Add any Forms that will be printed
6. Create the Product that will manage the Print Forms. Set the Transaction Type to Print Forms
7. Create the Sales Agreement to manage the Print Forms package. Add the Package created above.
8. Setup Group permissions to allow Print Forms transactions.

Areas Impacted

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms		
- Profile Administration		[List subsections affected]
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application		

- 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		