FNC BPO ENVTool 1.0

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Summary

BPO ENVTool is a web site to assist vendor management firms with viewing creating FNC ENVs from uploaded AI Ready BPO XML and JPEG images. The interface allows for the upload of bpo xml, an optional invoice XML and optional JPEG images.

After the files have been received and processed, an XML response is given with the success status and the appropriate URLs for downloading the ENV and resulting PDF, which is a rendering of the ENV contents.

Testing

Visit https://uat.fncinc.com/envtool/upbpo.html to manually upload an ENV and option AI Ready Invoice XML. Contact FNC to get a test username and password and to get samples of an AI Ready Invoice XML.   This web page performs an https post to https://uat.fncinc.com/envtool/scripts_low/bpo.asp. For production-like testing, please post directly to bpo.asp.

XML Creation

FNC will assist vendors with questions about the appropriate XML structure for the BPO form requested for each CMS client or the standard BPO form.   The XML structure follows the existing AI Ready XML standard to reduce development for vendors that map both appraisal and BPO XML. Please contact Daniel Martin (dmartin@fncinc.com) to direct you to the appropriate FNC contact to assist with the XML.

Images

Images should be in the JPEG format with the ".jpg" file extension. Please always use unique filenames, typically those used by a GUID generator. Special filename characters are not supported.   The uploaded JPEG filename should match the appropriate XML element. For example, a subject front view photo named "sfv-38384.jpg" will need to be referenced in the XML (xpath = "FORMINFO/ADDENDUMS/SUBJECTPHOTO/FRONTVIEW/FILENAME") as "sfv-38384.jpg" which will result in the proper rendering of the image in the subject photo section of the PDF.

Once again, FNC will assist vendors with questions about the appropriate XML structure for the BPO form.

Production

Once testing is complete, FNC will provide the URL, username and password for you to use in production. The UAT environment is used for client testing only. In production, ENVs and PDFs generated will be retained for 60 days.

Response XML

Sample successful XML response

```
<RESPONSE>
        <CONFIRMATION SUCCESS="TRUE" REASON="" />
        <URL TYPE="ENV">https://blah.fncinc.com/envtool/scripts_low/retrieve.asp?file=0A2E1DAAA9FF%2DNHHNABI%2EENV</URL>
        <URL TYPE="PDF">https://blah.fncinc.com/envtool/scripts_low/retrieve.asp?file=85407577D478%2DNHHNAAC%2EPDF</URL>
</RESPONSE>
```

If no invoice XML was uploaded, a PDF will still be generated.

Sample failure XML response

```
<RESPONSE>
        <CONFIRMATION SUCCESS="FALSE" REASON="Login Failed" />
</RESPONSE>
```

The possible failure REASON values include

Login Failed
Missing BPO XML File
Invoice has missing invoice number or fee
Uploaded image was not associated in the XML
Unsupported ENV Document Type

Unable to generate PDF
Unable to Connect to Database