Existing IV-A notice processes

Online process

- Online process creates NOTC0350 record and adds blurbs
  - Blurbs are added as seven-digit codes with "tokens" for up to 132 bytes of dynamic text where appropriate
    - First two digits of code either identify eligibility month (for non-health care programs) or program and type of action (for health care programs)
    - Last five digits identify the actual blurb number that will be sent to Noticesappprod
- ASUFA1 is called online in real time and reads one notice record per call
  - Creates two additional sort bytes by program for existing blurbs on record
    - These bytes are appended in a local table to the beginning of each seven-digit code
    - The nine-digit codes are the codes that appear on the notice server
  - Calls ASUFA2 to sort blurbs in local table as necessary
  - Calls ASUFA5 to remove duplicate blurbs from local table
  - Adds new blurbs to local table for headers, eligibility tables, etc.
  - Calls ASUFA6 to format local table data for EntireX
  - Calls ASUHEXS1 to send formatted data to Noticesappprod via EntireX
    - DLL on Noticesappprod converses with broker
- When record found, Notices# Creator service acts on record
- Process continues in "Noticesappprod process"

Batch process

- Batch process determines required blurbs
  - Blurbs are added in order of appearance on notice
  - Tokens can exceed 132 byte limit
- Calls ASUFA6 to format data for EntireX
  - Notice server expects data in this format regardless of transmission source
- Formatted data written to work file
- Work file sent to AHSINTFTPSRV using FTPS
- Automate task on AHSINTFTPSRV moves file to Noticesappprod
  - Notices# Creator monitors receiving folder on Noticesappprod
- When file found, Notices# Creator service acts on each record on file
- Process continues in "Noticesappprod process"

Formatted data examples

Online

```
0000HEADR008983704123465789AUPAIR         MARIELYNNE E   Y328
Y Y20100610PASYDOS EL
*¦310130202MARIELYNNE E AUPAIR&VPharm-
1&ends&20100630&20100630¦310030200¦302431640VPharm-1¦302130105VPharm-
```

```
1¦302431642MARIELYNNE E AUPAIR&20100630¦302434733MARIELYNNE E
AUPAIR¦010000100¦010000150APPLICATION/DOCUMENT PROCESSING CTR&103 SOUTH
MAIN STREET&WATERBURY VT 05676-9990&ESD Customer Service
Center&8004796151&&MARIELYNNE E AUPAIR&APT 4&21 N PHEASANT
ST&BURLINGTON VT 05408¦010000175Notice of
Decision¦90999795220100601¦909997990¦909999998KIMBERLY CONSTANTIN
```

Batch

```
0000HEADR000000000123456789BANDWITH       STACY      L   Y975
YN Y20110316PASCOBS1A9PAS3171C900303889
*¦000100102¦00020015 0DVHA - Coordination of Benefits Unit&312
Hurricane Lane, Suite 201&Williston, Vermont 05495&Health Access Member
Services&8002508427&(Fax 802-879-8224)&STACY L BANDWITH&&1234 HOBLIN
HILL ROAD&HINESBURG VT 05482¦000300175Proof of Health Care
Coverage¦000430810ESTEBAN L
BANDWITH&19901210¦000530811¦000630812VHAP&20110320&20110331¦000730812VH
AP&20110301&20110319¦000830812VHAP&20100401&20100430¦000930812VHAP&2010
0301&20100331¦001030813¦
```

Record definition

First byte	Last byte	Definition	Notes	Examples
1	4	Record type	0000 indicates a valid record; **** indicates end of file	0000 ****
5	9	Record header	Always HEADR	HEADR
10	18	Mainframe ISN	Internal sequence number of NOTC0350 record. Only generated by online processes, else zeroes	008983704 000000000
19	27	Household SSN	SSN of the head of household	123465789
28	42	Last name	Last name of the head of household	AUPAIR
43	53	First name	First name of the head of household	MARIELYNNE
54	54	Middle initial	Middle initial of the head of household	E
55	57	Suffix	Name suffix of the head of household	JR
58	58	District office	District office that manages the case	Y

First byte	Last byte	Definition	Notes	Examples
59	61	Worker number	Number of the worker who manages the case	975
62	68	Sort order	Characters used to sort notice records once exported from mainframe. Last five characters often used for sort by zip code	3 05676 2 05641
69	78	*Unused*		
79	79	Print at DO	*Purpose unknown*	Y N
80	80	Do not print	Set to Y if notice should be stored but not printed, else blank or N	Y N
81	81	Print now	Set to Y if notice should print immediately, else blank or N	Y N
82	89	Print date	YYYYMMDD. Date that record was generated.	20100610
90	97	Printer name	Name of the printer to be used. Current naming convention matches definition of mainframe printers.	PASYDOS PASCOBS1
98	99	Notice type	Type of notice	EL
100	107	Job name	Name of batch process that created record. Blank for online processes	PAS3171C
108	116	ACCESS ID	Used by DVHA notices for identification purposes. Blank for other notices	900303889
117	138	*Unused*		

First byte	Last byte	Definition	Notes	Examples
139	139	End of header	Always an asterisk	*
140	…	Codes and tokens	Any number of codes and tokens. Each code-and-token consists of a pipe delimiter, a nine-digit code, and any associated tokens required for that code. Each token after the first token is prefaced with an ampersand. The notice server sorts the codes numerically.	¦909997990 ¦000100102 ¦90999795220100601 ¦000630812VHAP&20110320&20110331

Noticesappprod process

- Notices# Creator service
  - Creates records in DCFSQLPROD.Notices#.Notices
  - Sorts blurbs by none-digit blurb numbers
  - Translates blurbs into NoticeXML
    - Replaces XML-sensitive and EntireX-mistranslated characters
    - Blurbs pulled from SQL by five-digit blurb number
    - Token data formatted as necessary, then added to blurbs
  - If reading file, moves file to processed directory on Noticesappprod
- Notices# Print Controller service
  - Runs at regular intervals for notices where PrintNow is true
  - Runs at 8:30pm and 3:00am for notices where PrintNow is false
  - Additional SQL Agent job changes PrintNow from false to true every two hours between 8:00pm and 4:00am
  - Queries DCFSQLPROD.Notices#.Notices by PrinterID
  - Invokes Notices# Printing App
- Notices# Printing App executable
  - Convert NoticeXML to PDF using XMLPDF product
  - Adds footer to PDF
  - Adds bar code page to PDF
    - Creates two bar codes; one contains SSN, other configurable to contain district office or a static string
  - Moves PDF to ready-for-print subdirectory defined by PrinterID
  - Updates DCFSQLPROD.Notices#.Notices record to Printed = true

        - If online record, invokes EntireX to call ASUFA8 on mainframe
            - ASUFA8 updates NOTC0350 record to printed status
    - Batch Print Pro service
        - Monitors ready-for-print subdirectories for new PDF files
        - Sends files to printers defined for each subdirectory
        - Moves files to already-printed subdirectory when done (usually)
    - Automate workflow manager
        - Restarts Creator, Print Controller, and Batch Print Pro every hour

Paragraph text management process

- Paragraph Text Manager application manages promotion of blurbs through development, certification, and production environments
- Updates DCFSQLPROD.Notices#.NoticeText

Notice viewing process

- WebNotices ASP application
    - Queries DCFSQLPROD.Notices#.Notices for notices by specified criteria
    - Translates notice types into descriptions from DCFSQLPROD.Notices#.NoticeTypes
    - Upon selection, PDF generated real time using NoticeXML on DCFSQLPROD.Notices#.Notices

Notices# database SQL tables

Table	Contents
CaseWorkerExclusion	Case worker restrictions. From RPT-GRP0314.RESTRICTIONS.
District	District office names. From ALL-CD01901.
DistrictPrinters	District office printers and related BPP directories. Notice Printing App functionality.
FamilyViolence	Cases requiring caution regarding information release. WebNotices app functionality.
IVAPrograms	Categories of blurb families.
Notices	Data for generated notices.
NoticePrograms	Empty.
NoticeText	Contains blurb translations for NoticeXML.
NoticeTextLog	Empty.
NoticeTypes	Notice type definitions.
RTBControl	Valid XML INSERT types.
Worker	Worker names. From ALL-CD01903.
WorkerRole	Worker roles. From ALL-CD01908.
WorkerRoleDescriptions	Worker role definitions. From ALL-CD01951.