Reno TIU HL7 Configuration

FTP/HDR

**Revision History**

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| 4/1/2016 | Created Document | All | 1 | James McNamara |
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# Purpose

This document describes the TIU HL7 configuration for FTP client to create notes via the HDR HL7 broker. The assumption is that Reno’s has the following Logical Links setup and enabled:

1. HL7 Listener (Server Logical Link): VAREN (epc.reno.va.gov/port 5000)

2. HDR Client Logical Link: VDEFVIE4

# Create HL7 Application called HDRFTP

Enter “Interface Develop Options” and EA for “Application Edit”. It will ask if you want to add a new HL7 APPLICATION PARAMETER, answer yes and populate the highlighted fields as shown in the next screen and “Save” at the COMMAN prompt.

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| Select OPTION NAME: Interface Developer Options  EA Application Edit  EP Protocol Edit  EL Link Edit  VI Validate Interfaces  Reports ...  Select HL7 APPLICATION PARAMETER NAME: HDRFTP  Are you adding 'HDRFTP' as  a new HL7 APPLICATION PARAMETER (the xxxTH)? No// Yes |

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| HL7 APPLICATION EDIT  --------------------------------------------------------------------------------  NAME: HDRFTP ACTIVE/INACTIVE: ACTIVE  FACILITY NAME: 200HD~HDR.MED.VA.GOV COUNTRY CODE: USA  HL7 FIELD SEPARATOR: HL7 ENCODING CHARACTERS:  MAIL GROUP:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMAND: Save Press <PF1>H for help Insert |

# Create HL7 Events (Protocols)

Enter “Interface Develop Options” and Ep for “Protocol Edit”. Enter “TIUHL7 HDRFTP MDM EVENT” and it will ask if you want to add a new PROTOCOL, answer yes and leave the PROTOCAL ITEM TEXT and PROTOCOL IDENTIFIER fields blank.

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| Select OPTION NAME: Interface Developer Options  EA Application Edit  EP Protocol Edit  EL Link Edit  VI Validate Interfaces  Reports ...  Select PROTOCOL NAME: TIUHL7 HDRFTP MDM EVENT  Located in the TIU (TEXT INTEGRATION UTILITIES) namespace.  Are you adding 'TIUHL7 HDRFTP MDM EVENT' as a new PROTOCOL? No// Y (Yes)  PROTOCOL ITEM TEXT:  PROTOCOL IDENTIFIER: |

Enter DESCRIPTION and TYPE as shown below. After entering TYPE field it will take you to PAGE 2 screen.

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| HL7 INTERFACE SETUP PAGE 1 OF 2  --------------------------------------------------------------------------------  NAME: **TIUHL7 HDRFTP MDM EVENT**  DESCRIPTION (wp): [HDRFTP TIUHL7 Event Driver]  ENTRY ACTION:  EXIT ACTION:  TYPE: **event driver**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMAND: Press <PF1>H for help Insert |

Enter SENDING APPLICTION as HDRFTP.

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| HL7 EVENT DRIVER PAGE 2 OF 2  **TIHHL7 HDRFTP MDM EVENT**  --------------------------------------------------------------------------------  SENDING APPLICATION: HDRFTP  TRANSACTION MESSAGE TYPE:  EVENT TYPE:  MESSAGE STRUCTURE:  PROCESSING ID: VERSION ID:  ACCEPT ACK CODE: APPLICATION ACK TYPE:  RESPONSE PROCESSING RTN:  SUBSCRIBERS            \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMAND: Press <PF1>H for help Insert |

It will then pop up the “Sending Application Edit”. Nothing to change, just return through all the prompts until it takes you back to the PAGE 2 screen.

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| HL7 EVENT DRIVER PAGE 2 OF 2  **TIHHL7 HDRFTP MDM EVENT**  --------------------------------------------------------------------------------  Sending Application Edit  T    NAME: HDRFTP ACTIVE/INACTIVE: **ACTIVE**       FACILITY NAME: **200HD~HDR.MED.VA.GOV** COUNTRY CODE: **USA**      RHL7 FIELD SEPARATOR:  HL7 ENCODING CHARACTERS:           MAIL GROUP:           \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMAND: Press <PF1>H for help Insert |

Populate the highlighted fields as shown below. After populating the SUBSCRIBERS field it will ask if you want to add a new PROTOCOL, answer yes and leave the PROTOCAL ITEM TEXT and PROTOCOL IDENTIFIER fields blank. It will then take you to the HL7 SUBSCRIBER as shown in the next screen.

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| HL7 EVENT DRIVER PAGE 2 OF 2  **TIHHL7 HDRFTP MDM EVENT**  --------------------------------------------------------------------------------  SENDING APPLICATION: **HDRFTP**  TRANSACTION MESSAGE TYPE: **MDM** EVENT TYPE: **T02**  MESSAGE STRUCTURE:  PROCESSING ID:  VERSION ID: **2.4**  ACCEPT ACK CODE: **AL** APPLICATION ACK TYPE: **NE**  RESPONSE PROCESSING RTN:  SUBSCRIBERS  **TIUHL7 HDRFTP MDM SUB**  Located in the TIU (TEXT INTEGRATION UTILITIES) namespace.        \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Are you adding 'TIUHL7 HDRFTP MDM SUB' as a new PROTOCOL? No// Y  PROTOCOL ITEM TEXT:  PROTOCOL IDENTIFIER: |

Enter TIUHL7 in the RECEIVING APPLICATION field. It will then pop up the “Receiving Application Edit” screen.

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| **HL7 EVENT DRIVER PAGE 2 OF 2**  **HL7 SUBSCRIBER**  **--- TIUHL7 HDRFTP MDM SUB ---**  **------------------------------------------------------------------------**  **TR RECEIVING APPLICATION: TIUHL7 **  ** **  ** RESPONSE MESSAGE TYPE: EVENT TYPE: **  ** **  **SENDING FACILITY REQUIRED?: RECEIVING FACILITY REQUIRED?: **  **RE **  ** SECURITY REQUIRED?: **  **T **  **L LOGICAL LINK: **  ** **  ** PROCESSING RTN: **  ** ROUTING LOGIC: **  ****  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

Make no changes to the Receiving Application; just enter through the prompts until it takes you back to the HL7 Subscriber screen.

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| HL7 EVENT DRIVER PAGE 2 OF 2  HL7 SUBSCRIBER  --Receiving Application Edit---     T NAME: TIUHL7 ACTIVE/INACTIVE: **ACTIVE**       FACILITY NAME:  COUNTRY CODE: **USA**       MAIL GROUP:    R |

Populate the highlighted fields as shown below and then type “Close” at the command prompt.

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| HL7 EVENT DRIVER PAGE 2 OF 2  HL7 SUBSCRIBER  --- **TIUHL7 HDRFTP MDM SUB**  ---  ------------------------------------------------------------------------  TR RECEIVING APPLICATION: **TIUHL7**        RESPONSE MESSAGE TYPE: **ACK** EVENT TYPE: **T02**      SENDING FACILITY REQUIRED?:  RECEIVING FACILITY REQUIRED?:    RE    SECURITY REQUIRED?:    **T**    LOGICAL LINK: **VDEFVIE4**        PROCESSING RTN: **D PROCMSG^TIUHL7P1**     ROUTING LOGIC:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Close Refresh    Enter a command or '^' followed by a caption to jump to a specific field.  COMMAND: Close Press <PF1>H for help Insert |

After closing the HL7 Subscriber screen you will be back to PAGE 2. Hit Return to get to COMMAND prompt and enter “SAVE” and then “EXIT”. IMPORTANT: Don’t forget to SAVE or it will require reentering again.

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| HL7 EVENT DRIVER PAGE 2 OF 2  **TIHHL7 HDRFTP MDM EVENT**  --------------------------------------------------------------------------------  SENDING APPLICATION: **HDRFTP**  TRANSACTION MESSAGE TYPE: **MDM** EVENT TYPE: **T02**  MESSAGE STRUCTURE:  PROCESSING ID: VERSION ID: **2.4**  ACCEPT ACK CODE: **AL** APPLICATION ACK TYPE: **NE**  RESPONSE PROCESSING RTN:  SUBSCRIBERS  **TIUHL7 HDRFTP MDM SUB**          \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Exit Save Refresh    Enter a command or '^' followed by a caption to jump to a specific field.  COMMAND: SAVE Press <PF1>H for help Insert |