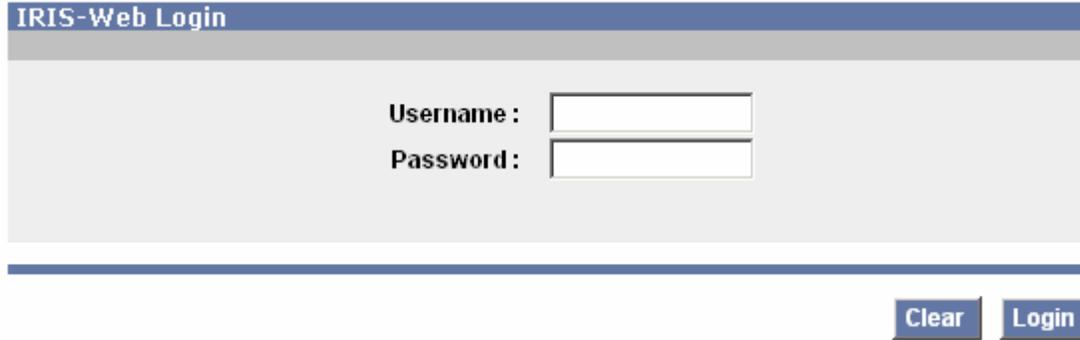


IMPORTING DATA INTO IRIS USING THE HL7 IMPORT TOOLS 07/09/08

There are two options **“REALTIME”** and **“BATCH HL7”** processing.

1. Log in to IRIS



IRIS-Web Login

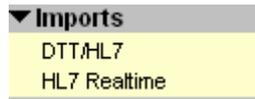
Username :

Password :

Clear Login

“REALTIME”

2. Under the Imports tab on the left hand menu click on **“HL7 Realtime”**



3. Click the Address: **“<https://iris.idaho.gov/irisweb/HL7Server>”**



HL7 Realtime Server

Address: <https://iris.idaho.gov/irisweb/HL7Server>

- Tab down to HL7 Interface Test Form fields. Enter your **“USERID”** , **“PASSWORD”** and **“FACILITY”** (Note: your facility is your **“IRMS #”**). Delete any text in the Message Data section. Paste your Import File in to the empty Message Data section. Un-check the deduplicate box, click the **“Submit”** button. Your file will be imported using the HL7 Interface. Close this window.

HL7 Realtime Server

If you're seeing this page then the HL7 Server is up and running and ready to respond to requests. The address that you used to get this page is the same address that automated HL7 systems should use to connect to the HL7 Server. To test HL7 messages by hand use the form below. Keep in mind that the response will only be in HL7.

Required HTTP POST Parameters

Required HTTP POST Parameters	
USERID	Assigned by system administrator
PASSWORD	Assigned by system administrator
MESSAGEDATA	HL7 request message
Optional HTTP POST Parameters	
FACILITY	May be sent, but will be ignored
deduplicate	If valued, deduplication will be scheduled after updating patient or vaccination information
debug	If valued, response message will include debug log statements

HL7 Interface Test Form

USERID
 PASSWORD
 FACILITY
 MESSAGEDATA deduplicate debug

```

MSH|^~&|DBO^QSIinsight^L|QS4444|5.0^QSIinsight^L||20030828104856+0000||VXQ^V01|QS44443786100000042|P|2.3.1|||NE|AL|
QRD|20030828104856+0000|R||QueryID01|||5|000000001^Bucket^Hyacinth^~~~~~MR|VX|S|S|S|
QRF|QS4444|20030828104856+0000|20030828104856+0000||100000001~19460401~111 East Lansing
Bouldvard^Indianapolis^IN~10000|
  
```

- Check the **“Messages Received”** box to verify the total number of records in your file were received, and check for any errors.

Messages Received (Batched by Days)					
Select	Date	IRMS	Received	Errors	
-->	09/18/2007 8:21:17 AM	0	1	1	
-->	09/17/2007 10:16:26 PM	0	10	10	
-->	01/26/2007 10:11:07 AM	0	1	1	
-->	10/12/2006 3:50:33 PM	0	1	1	
-->	05/12/2006 4:58:34 PM	8000	3	0	
-->	01/26/2006 11:52:24 AM	8000	5	0	

- View errors by clicking the “Select” arrow, “Messages Rejected” screen displays.

Batch Messages Received	
Date	09/18/2007 8:21:17 AM
IRMS	0
Total Received:	1
Total Errors:	1

Messages Rejected:					
Select	Time	Received	Reply	Remote User	Description
	8:21:17 AM	ORU	ACK	TWC	Not logged in: USERID and PASSWORD were not recognized

NOTE: Errors are displayed one record at a time

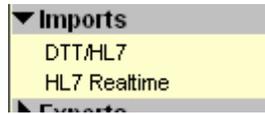
- A detail error summary is displayed when clicking the “Select” arrow.

Received Message Detail	
Received:	09/18/2007 8:21:17 AM
Response Text:	Not logged in: USERID and PASSWORD were not recognized
Message Received:	
<pre>MSH ^~\&LinkLogic-0211 0211001^TWC Immun-Out1 TWC 20070917214000 ORU^R01 1505684400401190 D 2.3 AL NE PID 1 3609 1000-0211001 Lovell^Dummy^A 19731011 M ^ 101 Screwball Landing^^Rexburg^ID^63440^USA (208)356-0234^^shawn@medman.com U 511-1- PV1 1 O ^^TWC g OBR 1 8390^UVP Immunization Record- Shots only 20070917213321 sallen OV OBX 1 ST CPT-90712.1^OPV #1 OPV-Polio #1 R 20070917213321 OBX 2 ST CPT-90712.1B^OPV #1BY Nurse R 20070917213321 OBX 3 ST CPT-90712.1E^OPV #1EXP 01/31/09 R 20070917213321 OBX 4 ST CPT-90712.1L^OPV #1LOT b08700E R 20070917213321 OBX 5 ST CPT-90712.1M^OPV #1MFR Merck R 20070917213321 OBX 6 ST CPT-90712.1R^OPV #1RTE M R 20070917213321 OBX 7 ST CPT-90712.1S^OPV #1SITE right deltoid R 20070917213321 OBX 8 ST MLI-13916^PNEUPED#1 Prenar (PCV7) #1 R 20070917213321 OBX 9 ST MLI-13917^PNEUPED#1BY Susan Allen R 20070917213321 OBX 10 ST MLI-13922^PNEUPED#1EXP 01/31/09 R 20070917213321 OBX 11 ST MLI-13921^PNEUPED#1LOT b08700E R 20070917213321 OBX 12 ST MLI-13920^PNEUPED#1MFR Wyeth R 20070917213321 OBX 13 ST MLI-13918^PNEUPED#1RTE M R 20070917213321 OBX 14 ST MLI-13919^PNEUPED#1STE right thigh R 20070917213321 OBX 15 ST MLI-14511^PNEUPED#1VIS 09/30/02 R 20070917213321</pre>	

- You will need to fix problems in the import file and re-import those records into IRIS. Regularly occurring errors should be reported back to your billing system for a permanent fix. If you have any problems, or questions please contact the IRIS Help Desk at iris@dhw.idaho.gov or call 334-5995.

“BATCH HL7”

1. Under the Imports tab on the left hand menu click on “DTT/HL7”.



2. Select “HL7 BATCH” Import Profile.

A screenshot of the 'DTT/HL7 Import' form. The 'Select Import Profile:' dropdown is set to '--select-'. The 'Select File:' dropdown is open, showing options: '--select-', 'GATEWAY MESSAGE FORMAT', and 'HL7 BATCH'. A 'Browse...' button is to the right. Below the dropdowns are two checkboxes: 'Do not change current patient ownership or public data' and 'Click here to decrement vaccine inventory.'. At the bottom right are buttons for 'Import', 'Clear', 'Print Data Profile Report', and 'View Import Logs'.

3. Click the “Browse” button next to “Select File” your choose file box will display. If needed use the “Look In” drop down arrow to select the correct file. Click the “Import” button.

A screenshot of the 'DTT/HL7 Import' form. The 'Select Import Profile:' dropdown is now set to 'HL7 BATCH'. The 'Select File:' dropdown is closed, and the text box contains the file path 'zitleaus\Desktop\HL7290208115515.txt'. A 'Browse...' button is to the right. Below the text box are the same two checkboxes as in the previous screenshot. At the bottom center is an 'Import' button.

Do not change current patient ownership or public data

*** Demographic File Only:** Use only if your facility has not sent an export before or the beginning, date of the file you are sending is more that one year old. This would prevent an old address in your billing system from canceling out a new address already in the registry.

Click here to decrement vaccine inventory.

***Vaccination File Only:** Use only if you are including lot numbers and vaccine inventory information in your imports and you have entered your supply into IRIS. Contact your local IRIS representative for more details.

4. The **“HL7 BATCH IMPORT”** log displays. Check to verify the total number of records in your file were received and check for errors.

HL7 Batch Import Results	
Records read:	3
Records accepted:	0
Records rejected:	3
Errors Found	
'1215702961953.10047' (1):	Message Processing error prevented the completion of this request: Unable to save vaccination info
'1215702962218.10052' (2):	Message Processing error prevented the completion of this request: Unable to save vaccination info
'1215702962500.10057' (3):	Message Processing error prevented the completion of this request: Unable to save vaccination info

[Continue](#)

5. From the left hand menu click **“HL7 Realtime”** to check errors, refer to **“REALTIME”** options 5 thru 7 above.

- You will need to fix problems in the import file and re-import those records into IRIS. Regularly occurring errors should be reported back to your billing system for a permanent fix. If you have any problems, or questions please contact the IRIS Help Desk at iris@dhw.idaho.gov or call 334-5995.