

Integration Guide

- Direct Control Medical
- LAB2 (ORU)
- Referral, Discharge Summaries & Letters (RSD) messages
- HealthLink Messaging System (HMS 6.8.x)

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Integration Guide

1. Before You Begin

1.1 Icons used in this Guide

You will see helpful icons used in this guide to draw attention to a subject, action or information.



The light bulb icon indicates information that is likely to make your job easier.



The exclamation icon highlights a warning or an action you need to take. When you see this icon, pay attention and proceed with caution.



The 'i' for information icon indicates an area that assists in a decision.

2. Setting up HealthLink with Direct Control Medical for receiving

Direct Control Medical can receive letters and Discharge Summaries as both RTF & PDF. The letters and Discharge Summaries can also contain hyperlinks and imbedded images.



All sites must be running Direct Control Medical V24.30.0.0 or greater for sending REF messages and to get ACKS for both RSD & LAB messages

2.1 Direct Control Medical set up to receive HL7 Pathology & Radiology LAB results & HL7 letters



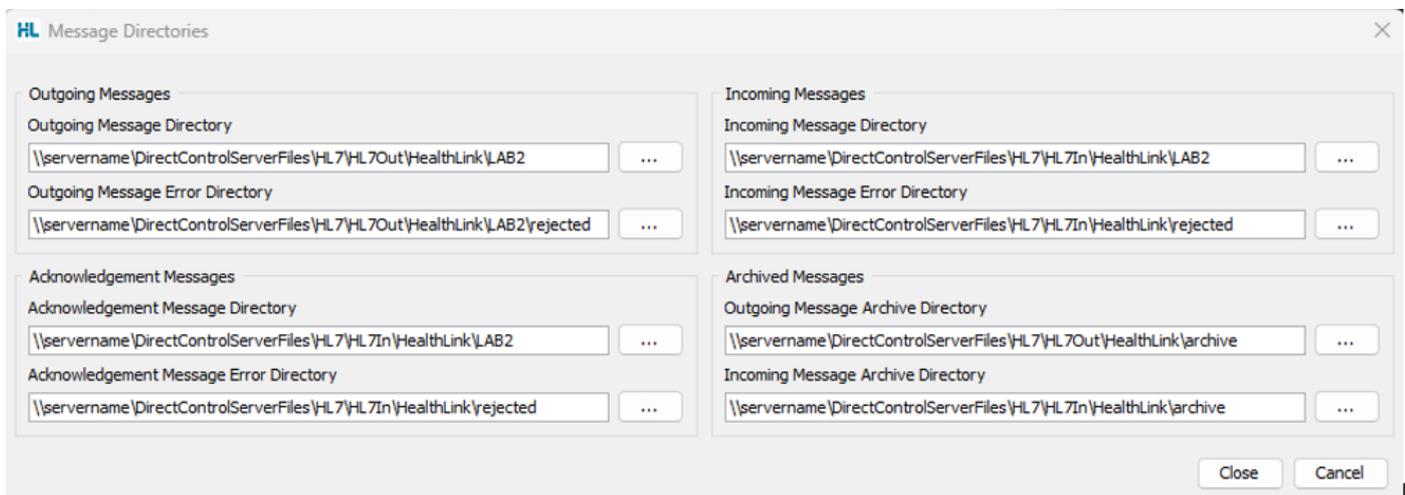
The Directory to receive the Pathology, Radiology results & Letters is usually the folder \\Servername \DirectControlServerFiles\HL7\ - This Directory is always set by Direct Control Medical

2.2 Incoming LAB message configuration

1. Start by checking that the subfolders exist. If the sub folders do not exist, please proceed in creating them without Direct Control Medical’s support.

Please see below screen shot for the pathway and subfolders

[\\servername\DirectControlServerFiles\HL7\.....](#)



2. Set the configurations In **HMS Advanced Options**,
 1. Click **Configuration** then **User Settings**
 - 2.2 Click on the **Message Types** tab and scroll down and highlight **LAB2**
 - 2.3 Click on the **Message Stores** tab and click **Edit/More**
 - 2.4 Change path by clicking the  button then type or browse to the required path as per screen shot above.
3. To save the changes click on Close.
On HealthLink Advanced options click File > Save All.

2.3 Incoming RSDAU Message Configuration

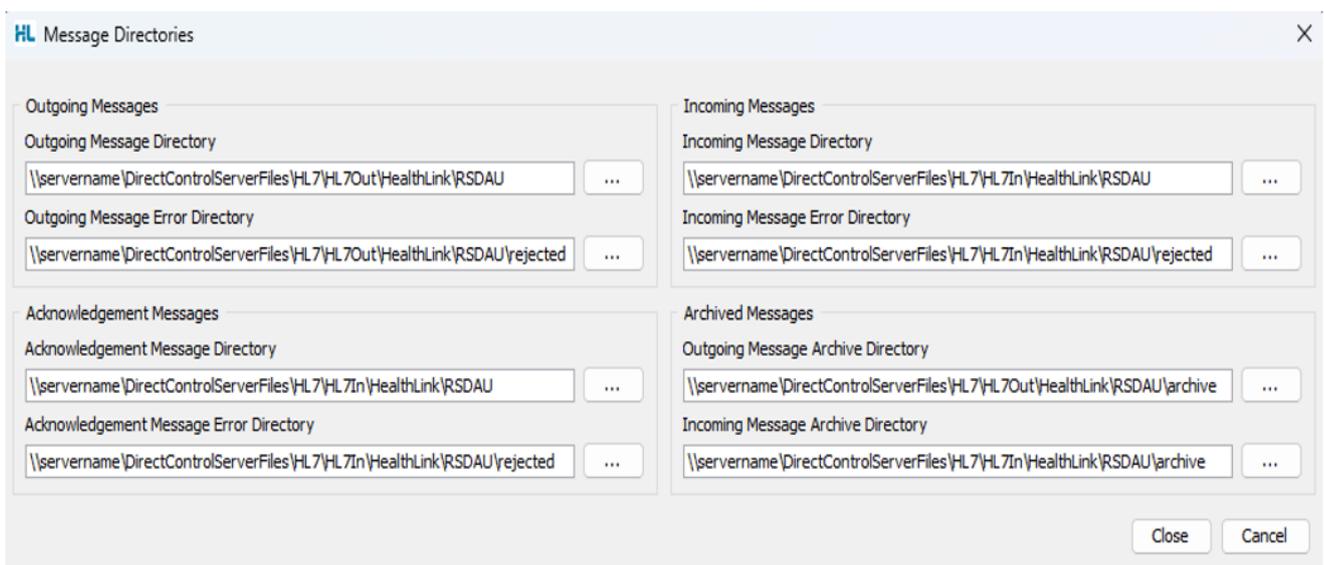
Direct Control Medical can receive letters and Discharge Summaries as both RTF & PDF.

The letters and Discharge Summaries can also contain hyperlinks and imbedded images. To configure follow steps below:

1. Start by checking that the subfolders exist. If the sub folders do not exist, please proceed in creating them without Direct Control Medical’s support.

Please see below screen shot for the pathway and subfolders

[\\servername\DirectControlServerFiles\HL7\.....](#)



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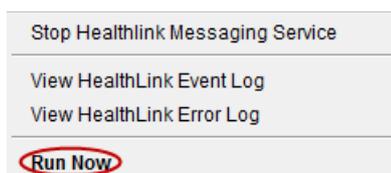
3. Testing Your Configuration

3.1 Generating Test Messages

1. Open the **HMS Advanced Options**
2. From the menu click on **Utilities>Test Message Generator**. The **Test Message Generator** window will appear.
3. Click on **Lab2** and then on **Generate Test Message** button.
4. To generate a RSDAU message click on **RSDAU** and then click on **Generate Test Message** button.

3.2 Making HealthLink Connect Manually

1. From the systems tray **right click** the HealthLink Icon .
2. Left click on **Run Now** to make the manual connection.



3. A spinning “H”  icon indicates the HealthLink client has started its connection.
4. Once the “H” stops spinning, the HealthLink connection has been completed and the test messages are downloaded into their respective folders for **Direct Control Medical** to import.

3.3 Evidence of Acknowledgements

1. Please confirm acknowledgements have been produced and sent before moving on to the RSD sending configurations if required.

4. Checking for incoming messages in Direct Control Medical



Direct Control message import is set to 60 seconds. This can also be configured manually. See appendix for instructions.

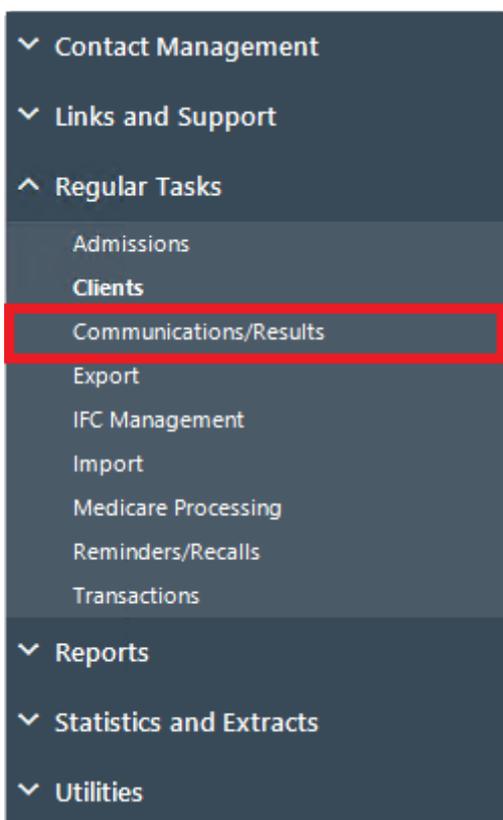


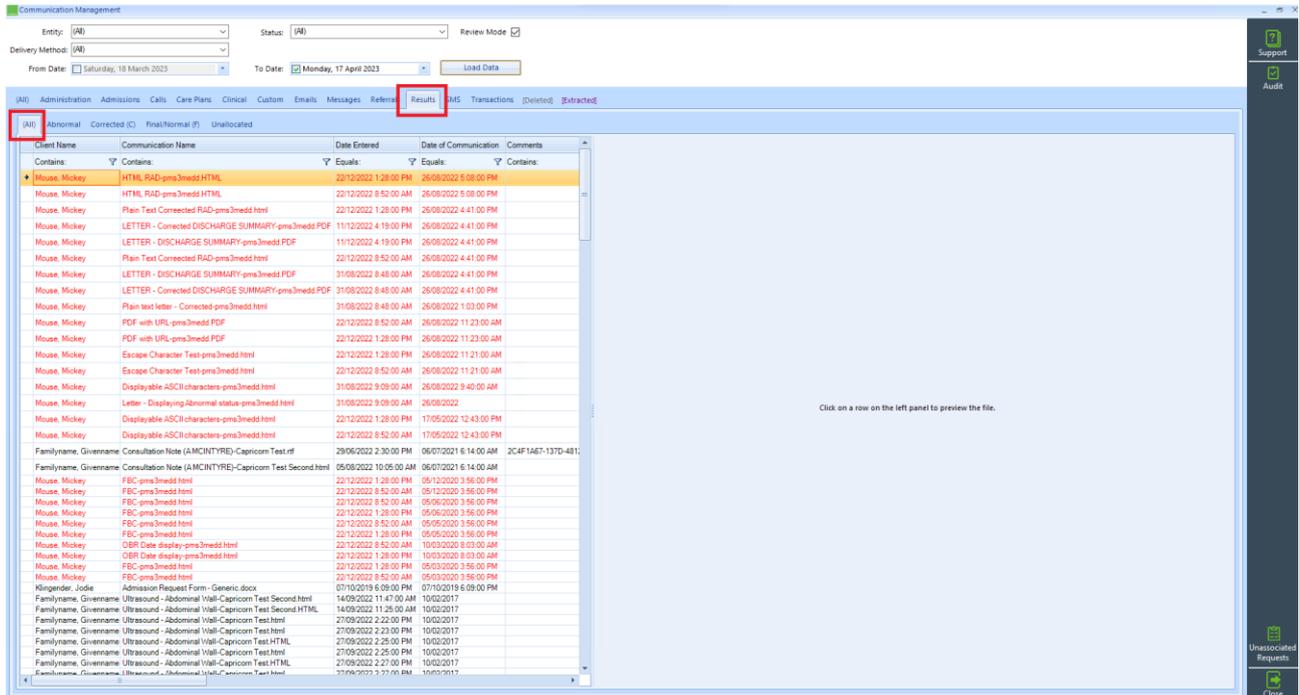
To manually import the by restarting the HL7 Windows service. See appendix for instructions

There are multiple ways where the end user can see if the message have been imported into Direct Control Medical.

4.1 Checking incoming correspondence from in box

1. View via DCM application – under Regular Tasks – Communications / Results

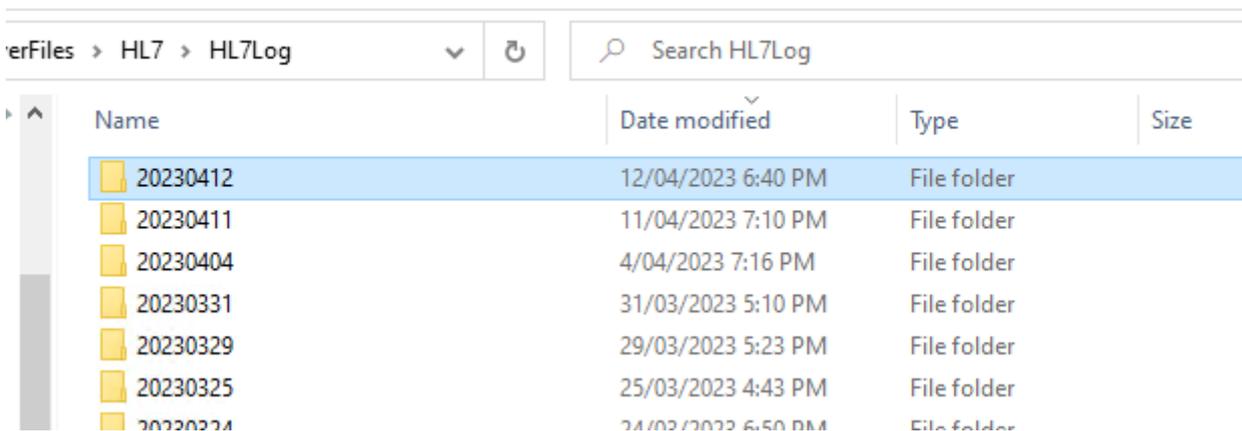




4.2 Checking incoming correspondence From HL7 Folder

1. You can also check for the incoming correspondence by checking the HL7 folder:

`<<server>DirectControlServerFiles\HL7\HL7Log\ <date of import in yyyyMMdd format>`



2. Within the selected date folder, you will see three different folders:
 - a. Errored – This folder contains the HL7 files with the error. It moves the file from the HL7In folder.
 - b. Errors – This folder contains the error log files. E.g. screenshot below:

```
230331081923_349_1.log - Notepad
File Edit Format View Help
-----
Patient UR Number: ██████████
Patient Name: ██████████
Insurance Fund (Grand United) name does not match Insurance Fund in DirectControl.
at DirectControlHL7Library.IN1_V231.GetClientInsuranceCSLA(IN1 in1, ClientInsurance& clientInsurance)
at DirectControlHL7Library.HL7DFT_P03.UpdateInsurancesFromIN1Reps(Client client)
at DirectControlHL7Library.HL7DFT_P03.UpdateDirectControlClient(MessageParsed& messageParsed)
at DirectControl.Common.HL7.DirectControlHL7MessageProcessor.worker_ProcessFiles_DoWork(Object sender, DoWorkEventArgs e)
-----
```

c. Processed – This folder contains the successful imported HL7 files.

Name	Date modified	Type	Size
errored	12/04/2023 6:40 PM	File folder	
errors	12/04/2023 6:40 PM	File folder	
processed	12/04/2023 6:40 PM	File folder	
today.log	12/04/2023 6:40 PM	Text Document	1 KB

d. There is also a log file called 'today.log'; summary of what has been processed for the day.

5. Setting up HealthLink with Direct Control Medical Sending REF messages

Direct Control Medical can also send through REF with PDF payload messages.



All sites must be running Direct Control Medical V24.30.0.0 or greater for sending REF messages and to get ACKS for both RSD & LAB messages

5.1 Direct Control Medical set up to send HL7 REF with a PDF payload



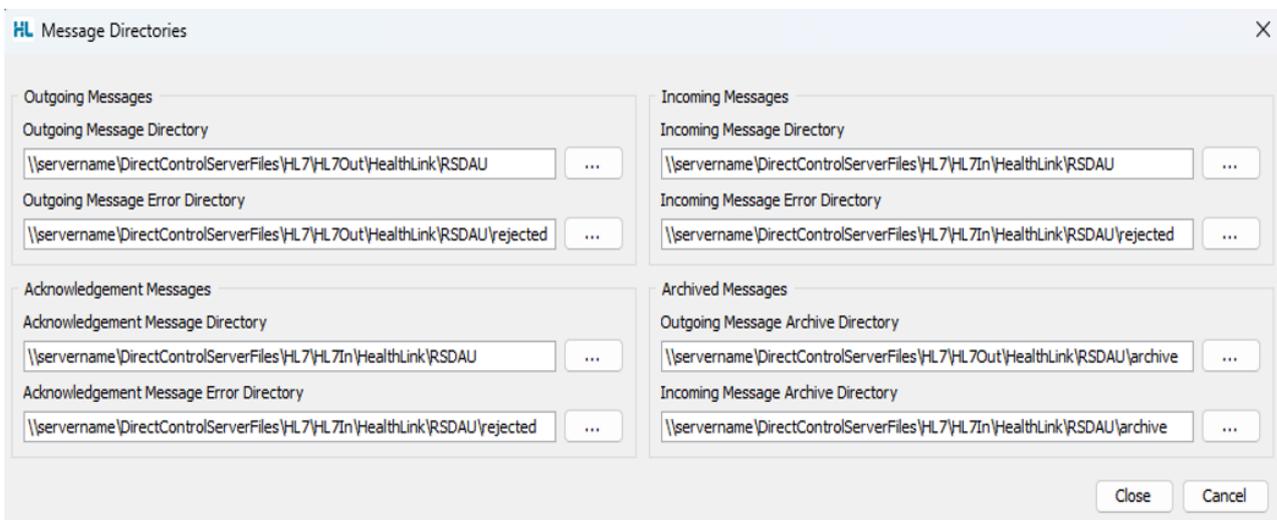
The Directory to receive the Pathology, Radiology results & Letters is usually the folder \\Servername \DirectControlServerFiles\HL7\ - This Directory is always set by Direct Control Medical

5.2 Outgoing RSDAU Message Configuration

1. Start by checking that the required subfolders exist. If the sub folders do not exist, please proceed in creating them without Direct Control Medical’s support.

The pathways should already be set up if this is a new installation as part of the receiving set up.

\\servername\DirectControlServerFiles\HL7\.....



2. Set the configurations In **HMS Advanced Options**,
 - 2.1 Click **Configuration** then **User Settings**
 - 2.2 Click on the **Message Types** tab and scroll down and highlight **LAB2**
 - 2.3 Click on the **Message Stores** tab and click **Edit/More**
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3. To save the changes click on Close.
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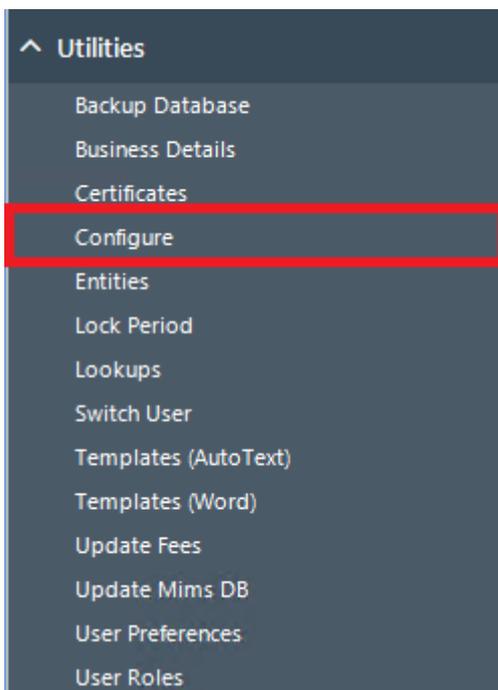
6. Setting up Direct Control Medical for sending HL7 Letters



Direct Control Medical can send HL7 letters in PDF format.

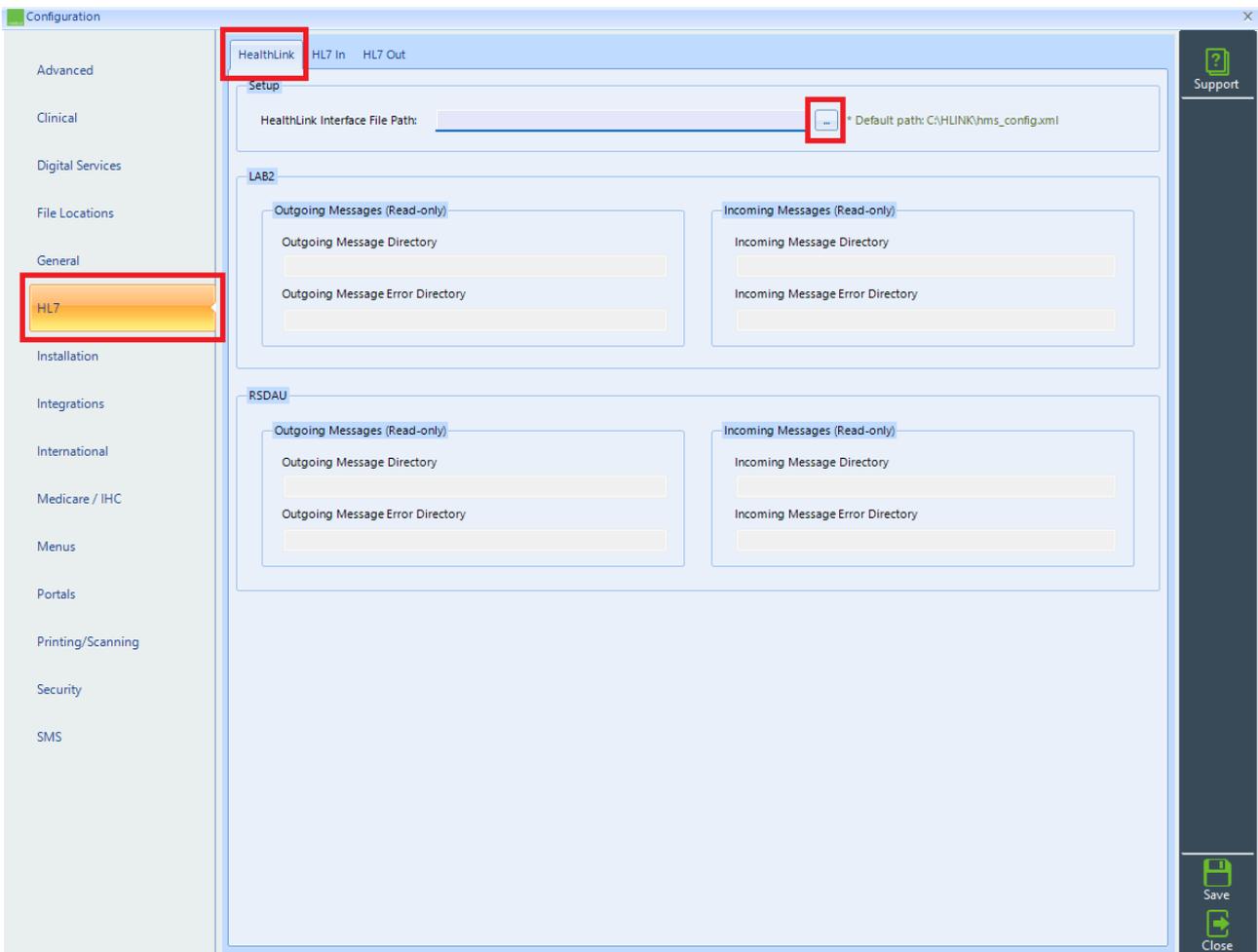
Configuration for sending within Direct Control Medical

1. you need to be logged into the Direct Control Medical PMS
 - a. got to Utilities > Configuration



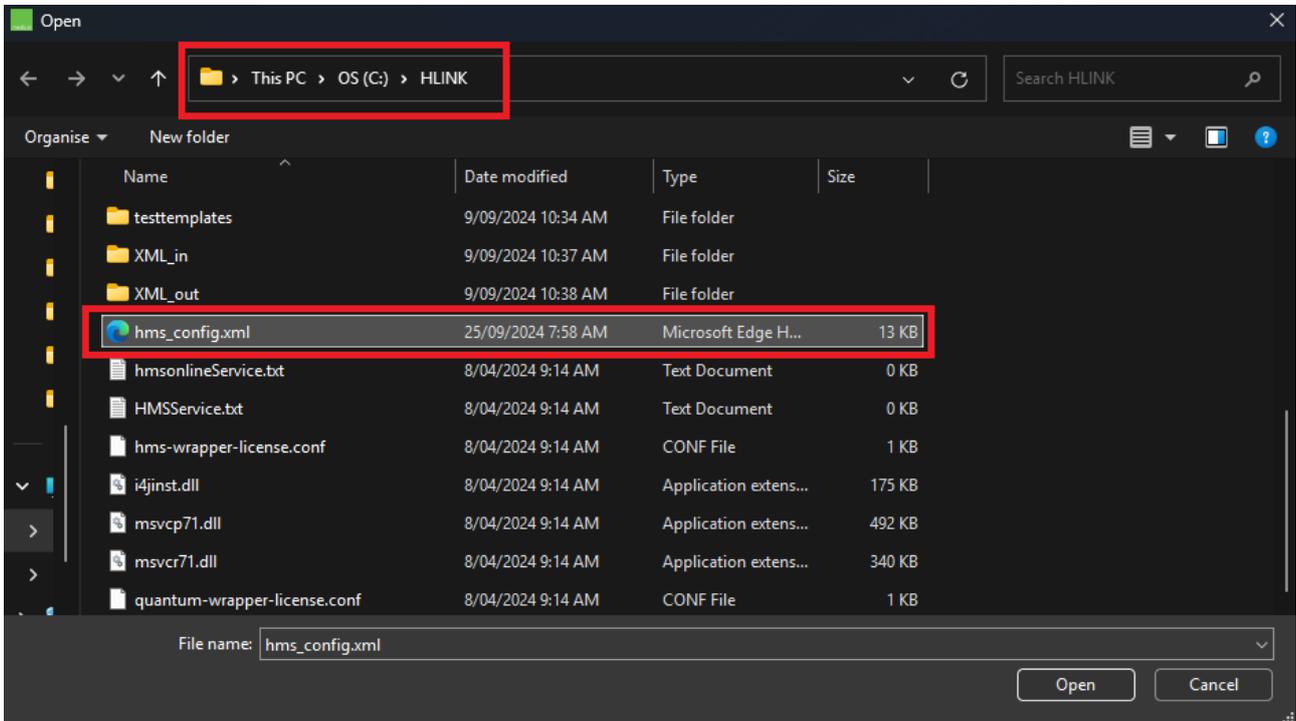
b. HL7 > HealthLink > set up

set the path to **hms_config.xml** - Default installation path for HMS (C:\HLINK)



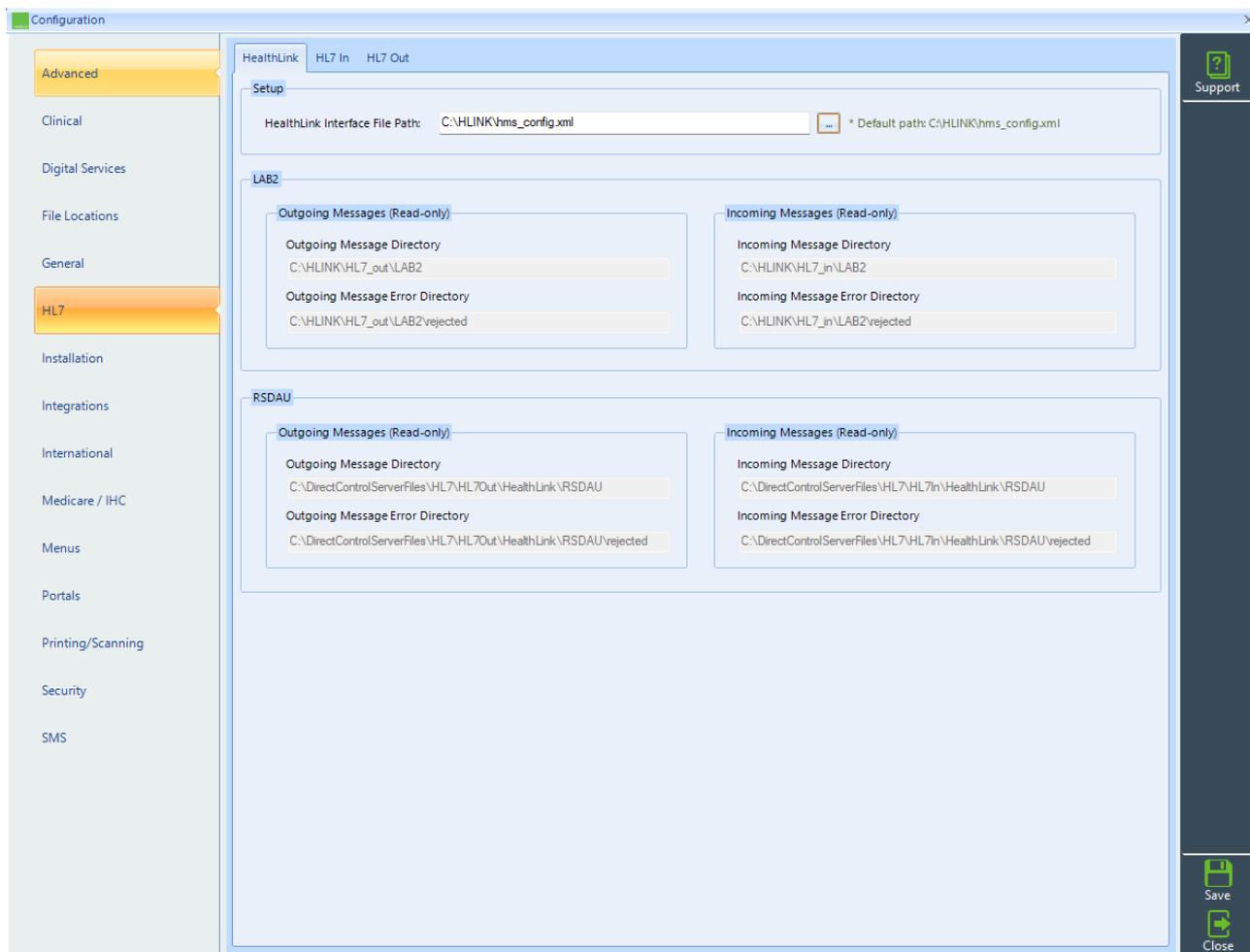


The exclamation icon highlights a warning or an action you need to take. When you see this icon, pay attention and proceed with caution.





The screen shot below shows the HLINK set up as C:\HLINK, but this will be [\\servername\DirectControlServerFiles...](#) folder when you are setting up a site in production.

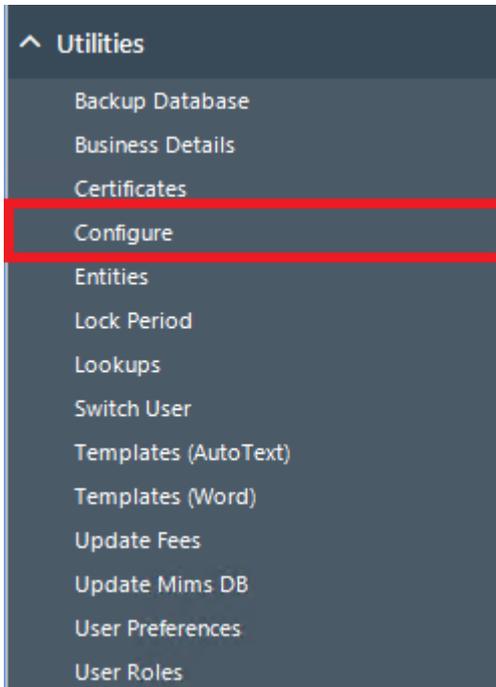


- c. Click the save button and close.

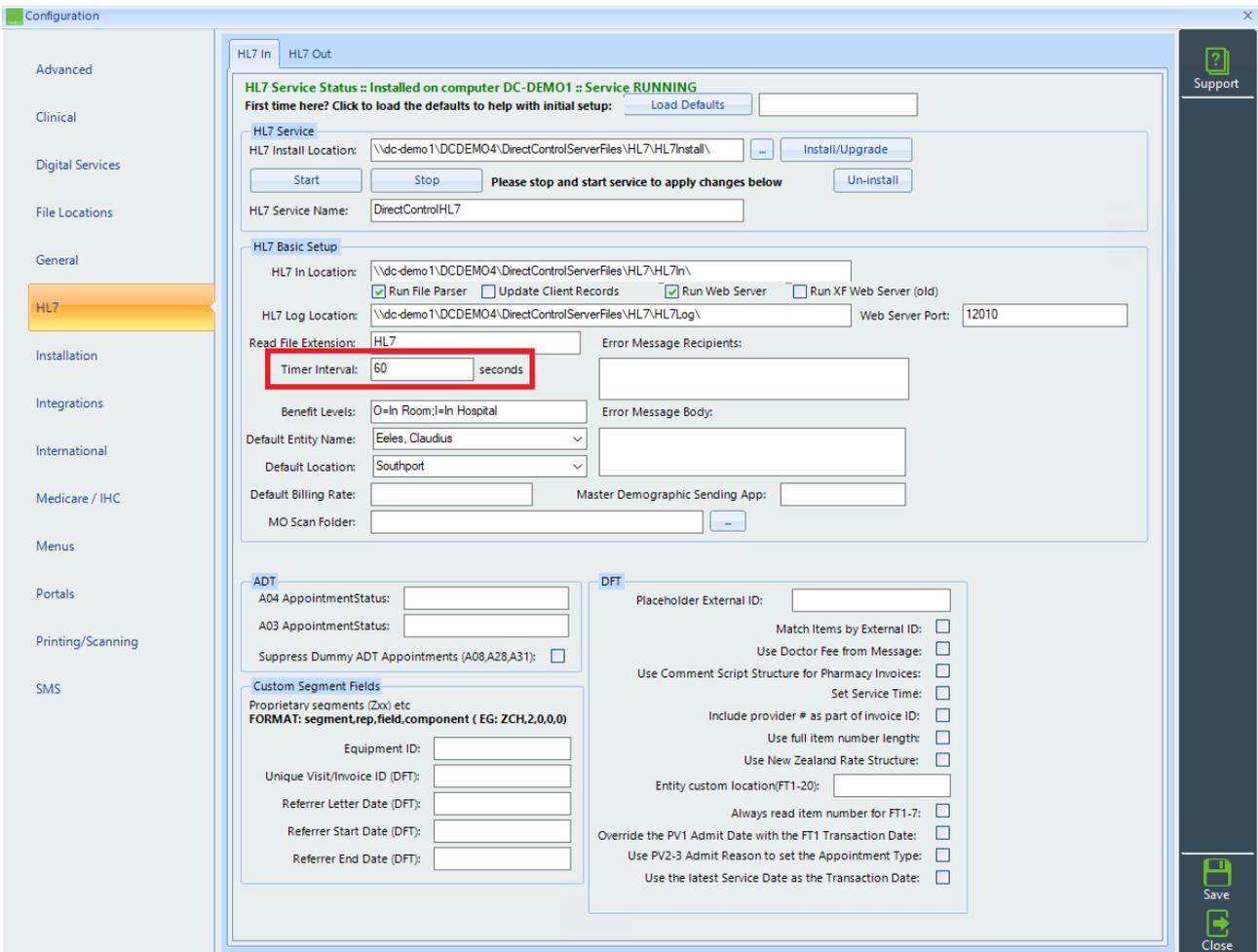
7. Appendix

7.1 Guide to setting the import timer.

1. Go to utilities – configure.



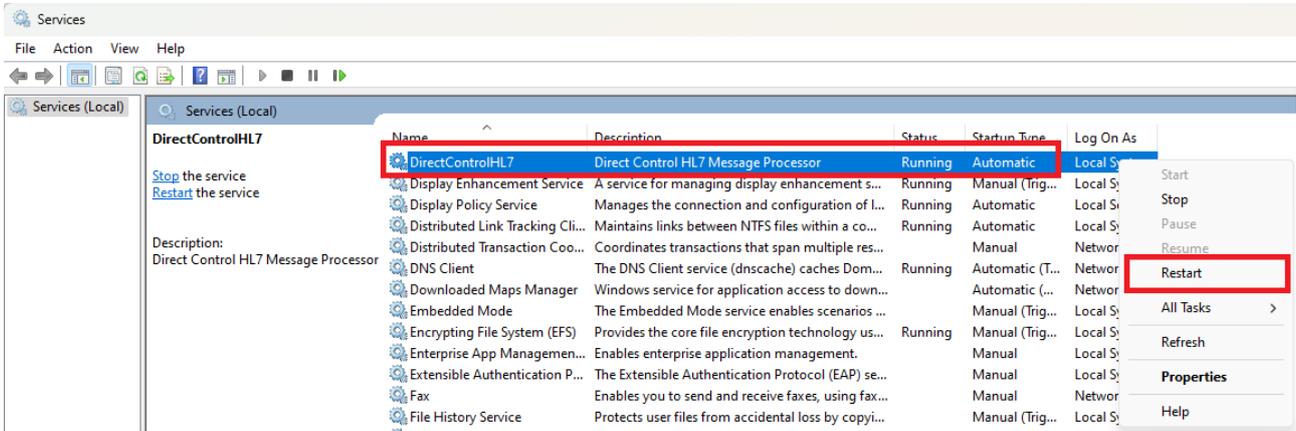
2. HL7 – timer interval.



HL7 messages can also be manually imported by copying the HL7 messages to this folder `\\<server>\DirectControlServerFiles\HL7\HL7In\` and wait for the timer to process the message, or you can also restart the HL7 Windows service:

7.2 Guide to manually importing messages

1. Restarting the HL7 Windows service.



8. Direct Connect Medical Support Contact Details

Direct Control Medical

PHONE: 1300 557 550

E-mail: support@directcontrol.com.au

Web Page: www.directcontrol.com.au

Support Hours: 7:00am to 6:00pm EST Monday to Friday excluding Public Holidays.

New Zealand

Phone toll free: 0800 288 887

8.00am – 5.00 pm Monday-Friday

Australia

Phone toll free: 1800 125 036

7.00am – 7.00 pm Monday-Friday
(AEST)

Email

helpdesk@healthlink.net

If there is a communication problem.

Make it our problem.

www.healthlink.net