



Automation - HL7 Messages

Last Modified on 2022-08-30 19:39

Creating an automation rule will send HL7 messages to the destination folder that was specified during the HL7 [Uplink Installation](#).

First, please refer to the following steps to get started:

- **Step 1:** [Create your automation rule](#) - select **Automatically Generate Outbound HL7 Messages** as the Integration Type
- **Step 2:** [Add conditions](#) that trigger this automation

Note: If conditions are not added, the automation will be applied to all examinations.

- **Step 3:** Complete the following information:
 - **Uplink:** Select the Uplink from the drop-down menu
 - **Custom Format:** Outbound messages require the same format as [inbound messages](#):
 - All messages must begin with MSH
 - All data must reside between brackets { }
 - All data is separated by |
 - You can use any of the listed "placeholders." For example, {REFERRING_PHYSICIAN} will insert the name of the referring physician.
- **Optional:** Choose a template under **Map Report Exports** to insert SR values into the placeholders
 - [Export fields in reporting templates](#)
 - The rule will automatically update if SR values are changed in the reporting template
 - New placeholders from the template will begin with {REPORTMAP_}

Available placeholders: {PATIENT_DOB}, {PATIENT_NAME}, {PATIENT_SEX}, {PATIENT_PHONE}, {PATIENT_EMAIL}, {PERFORMING_PHYSICIAN_EMR_ID}, {PERFORMING_PHYSICIAN}, {PERMALINK}, {PID}, {REFERRING_PHYSICIAN_EMR_ID}, {REFERRING_PHYSICIAN}, {STUDY_DATETIME}, {ACCESSION_NUMBER}, {PROCEDURE}, {STUDY_DATE}, {T4_STUDY_ID}, {STUDY_PDF}, {REPORTMAP_SR_HL7_EndoThicknessMean}, {REPORTMAP_Abdominal_circum}, {REPORTMAP_SR_HL7_Patientname}, {REPORTMAP_SR_HL7_EDDfromLMP}, {REPORTMAP_field_7}, {REPORTMAP_SR_HL7_RightOvaryLen}, {REPORTMAP_SR_HL7_GAbyLMP}, {REPORTMAP_SR_HL7_EndometriumThickness}, {REPORTMAP_SR_HL7_LeftOvaryLen}

Map Report Exports

Test SR-HL7 Mapping

Select **Update Automation Settings** when you are finished.

Interface Status Details

To resend messages, or to see if they were successfully sent, select the examination the Study List and select the **Interface Status Details** link in the side Info Panel:



Back Interface Statuses for Study: 2021-04-15 - new hl7

Resend HL7 Message

Key	Value
Interface Type	Automation::HL7Config
Created	2021-05-03 5:09 PM PDT
Payload	{ "message": "MSH b32f4f1e-9a80-4117-aad2-f14d08ca4924 new^hl7^ ..." }
Other Info	{ "message_type": "hl7_outbound", "status": "success" }

If the status is "success", it means that the examination was successfully sent to the destination folder.

- Select Resend HL7 Message to send the message again

If the status is "failed", it means the examination was unable to send. When possible, a failed status will include an error message. Contact [Customer Support](#) if this occurs.
