



# Inbound HL7 Messages

Last Modified on 2022-02-04 09:08

This feature is for users that integrate with an EMR. Our Support staff is available to help configure this setting.

1. Install the HL7 Uplink

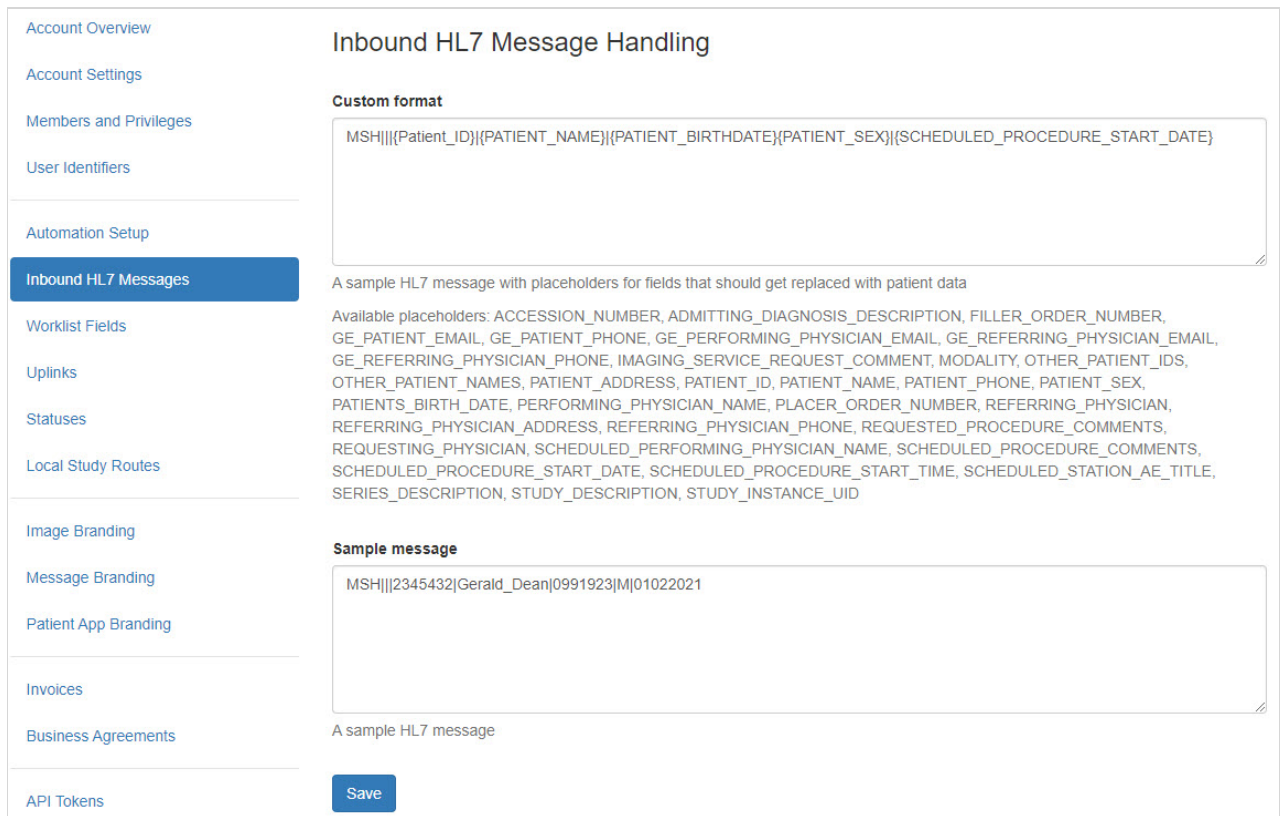
 [HL7 Uplink Installation Instructions](#)

2. Follow the instructions below for configuring inbound messages

3. Setup automation for outbound messages

## Inbound HL7 Messages

Select Inbound HL7 Messages in your [Account Settings](#) to configure Tricefy to receive HL7 messages and create a worklist entry.



The screenshot shows the 'Inbound HL7 Message Handling' configuration page. On the left is a sidebar menu with options: Account Overview, Account Settings, Members and Privileges, User Identifiers, Automation Setup, **Inbound HL7 Messages**, Worklist Fields, Uplinks, Statuses, Local Study Routes, Image Branding, Message Branding, Patient App Branding, Invoices, Business Agreements, and API Tokens. The main content area is titled 'Inbound HL7 Message Handling' and contains two text input fields. The first is labeled 'Custom format' and contains the placeholder text: `MSH|{|Patient_ID}|{PATIENT_NAME}|{PATIENT_BIRTHDATE}|{PATIENT_SEX}|{SCHEDULED_PROCEDURE_START_DATE}`. Below this field is a note: 'A sample HL7 message with placeholders for fields that should get replaced with patient data' and a list of available placeholders: `ACCESSION_NUMBER, ADMITTING_DIAGNOSIS_DESCRIPTION, FILLER_ORDER_NUMBER, GE_PATIENT_EMAIL, GE_PATIENT_PHONE, GE_PERFORMING_PHYSICIAN_EMAIL, GE_REFERRING_PHYSICIAN_EMAIL, GE_REFERRING_PHYSICIAN_PHONE, IMAGING_SERVICE_REQUEST_COMMENT, MODALITY, OTHER_PATIENT_IDS, OTHER_PATIENT_NAMES, PATIENT_ADDRESS, PATIENT_ID, PATIENT_NAME, PATIENT_PHONE, PATIENT_SEX, PATIENTS_BIRTH_DATE, PERFORMING_PHYSICIAN_NAME, PLACER_ORDER_NUMBER, REFERRING_PHYSICIAN, REFERRING_PHYSICIAN_ADDRESS, REFERRING_PHYSICIAN_PHONE, REQUESTED_PROCEDURE_COMMENTS, REQUESTING_PHYSICIAN, SCHEDULED_PERFORMING_PHYSICIAN_NAME, SCHEDULED_PROCEDURE_COMMENTS, SCHEDULED_PROCEDURE_START_DATE, SCHEDULED_PROCEDURE_START_TIME, SCHEDULED_STATION_AE_TITLE, SERIES_DESCRIPTION, STUDY_DESCRIPTION, STUDY_INSTANCE_UID`. The second text input field is labeled 'Sample message' and contains the text: `MSH|{|2345432}|Gerald_Dean|0991923|M|01022021`. Below this field is a note: 'A sample HL7 message'. At the bottom right of the main content area is a blue 'Save' button.

The **Custom Format** box shows the required HL7 format:

- 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.

Adding text in the **Sample Message** box and selecting **Save** will show what the message will look like.

For example, entering:



MSH|||{{PATIENT\_ID}}|{{PATIENT\_NAME}}|{{PATIENT\_DOB}}|{{PATIENT\_SEX}} in the custom box, and

MSH|||2345432|GeraldDean|1975\_01\_01|M|2021 in the Sample Message box, will preview as:

patient\_ID: 2345432

patient\_name: GerladDean

patient\_dob: 1975\_01\_01

patient\_sex: M

scheduled\_procedure\_start\_date: 2021

**Optional:** If you are setting up a bi-directional EMR interface, configure an [outgoing message automation rule](#). Outbound messages are sent to the destination folder specified during the [Uplink installation](#). This is not required if you are only using the EMR as a source for the worklist.

---