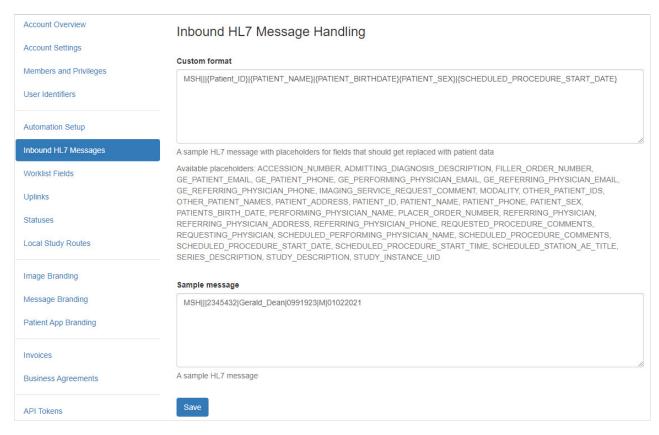# Inbound HL7 Messages

Last Modified on 2025-09-09 20:23

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

1. Install the Tricefy Uplink with inbound HL7 processing

2. Follow the instructions below for configuring inbound messages

3. Setup automation for HL7 outbound messages if applicable

## Inbound HL7 Messages

Select **Inbound HL7 Messages** in your Account Settings to configure Tricefy to receive HL7 messages and create a worklist entry.

| | |
|---|---|
| Account Overview | **Inbound HL7 Message Handling** |
| Account Settings | |
| Members and Privileges | **Custom format** |
| User Identifiers | MSH\|\|\|{Patient_ID}\|{PATIENT_NAME}\|{PATIENT_BIRTHDATE}{PATIENT_SEX}\|{SCHEDULED_PROCEDURE_START_DATE} |
| Automation Setup | |
| **Inbound HL7 Messages** | A sample HL7 message with placeholders for fields that should get replaced with patient data |
| Worklist Fields | 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 |
| Uplinks | |
| Statuses | |
| Local Study Routes | |
| Image Branding | **Sample message** |
| Message Branding | MSH\|\|\|2345432\|Gerald_Dean\|0991923\|M\|01022021 |
| Patient App Branding | |
| Invoices | |
| Business Agreements | A sample HL7 message |
| API Tokens | **Save** |

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

- All messages must begin with MSH
- All placeholders must use brackets { }
- All data is separated by a "pipe" character |

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 the following in the "Custom Box":

```
MSH|||{PATIENT_ID}|{PATIENT_NAME}|{PATIENT_DOB}|{PATIENT_SEX}|{SCHEDULED_PROCEDURE_START_DATE}
```

and then putting the following details in the "Sample Message" box and saving will preview as:

```
MSH|||2345432|Last^First|19700101|M|04032025
```

patient_ID: 2345432

patient_name: Last First

patient_dob: 1970-01-01

patient_sex: M

scheduled_procedure_start_date: 2025-04-03

**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.