

# LSI HL7 INTERFACING FAQs

## What is an HL7 Interface?

HL7, Health Level-7, refers to a set of international standards that allows for the transfer of clinical data via an electronic interface between software applications used by many healthcare providers.

## What would an HL7 interface mean for my facility?

The integration of an HL7 interface can reduce errors from manual data entry by electronically sending patient and visit demographics from the facility's Health Information System (HIS) to the LSI system, prior to or as the patient arrives in the Rehabilitation Department. Any time a patient's information is updated in the EHR, the patient record in TrensCenter will be updated, as applicable, via an ADT (Admit, Discharge, Transfer) message.

Various patient reports can be sent from TrensCenter to the facility's EMR via a Paperless "Interface" Module (PIM), allowing the facility to reduce paper-printing. There are three options available to send reports via a PIM:

1. **Cold Feed:** a report is generated in PDF Format and picked up by the facility's EHR and placed in the patient's medical record.
2. **Reference Pointer:** a report is generated in PDF Format and sent to a shared network location which is then sent to the patient's medical record in an HL7 Message.
3. **Embedded Messaging:** a report is generated electronically with an encoded and embedded PDF that is sent directly to the patient's medical record.

A facility can have a PIM as a standalone option, independent of the HL7 interface.

## What EHR Systems can integrate with LSI?

LSI's proprietary HL7 interface allows for integration with most HISs. Each interface is customized per facility. The various methods of integration allow for numerous HISs to be designed individually and successfully.

## What information can be sent through the HL7 interface to LSI?

Patient Demographic and Visit Demographic information can be sent from the facility's HIS to LSI's TrensCenter. This information may include, but is not limited to Patient name, Medical Record Number, Account Number, Encounter or Order Number, Address, Phone number, DOB, Physician, Allergies, and Diagnoses.

## What reports can be sent via the Paperless Interface Module?

While a myriad of reports can be generated electronically and sent to the patient's Electronic Health Record, the most common reports include the Patient's Daily Session Report, Individualized Treatment Plan, Progress Report, Patient Notes and Individual Outcomes Reports. These reports include both the Cardiac and Pulmonary Rehabilitation Programs as applicable to the patient and the department. All reports generated from the TrensCenter application will be in PDF file format.

## When will reports be sent to the EHR?

- LSI can configure reports to be generated automatically or manually (i.e. the clinicians utilize a paperless/e-print feature).
- The Patient's Daily Session Report can be generated immediately upon discharge from exercise or manually once staff have completed charting.
- A few options are available for sending the Individualized Treatment Plan (ITP). One option is a manual paperless print at the clinicians' discretion. The other two options are directly related to physician signature. The ITP can be sent electronically each time the physician signs a single assessment or it can be sent electronically at the time the Discharge assessment is signed.
- Other reports, such as the Progress Report, can be generated manually by the rehab staff as desired.

## Are the HL7 interface and the Registry Sync interface the same thing?

No. The HL7 interface refers to the standard processes that allow a facility's electronic health record to communicate with LSI's TrensCenter Application. The AACVPR National Registry uses a different process known as Application Program Interface, or API, to transfer data from TrensCenter Outcomes.

## How can I learn more about HL7 interfaces?

Visit [lsi-medical.com](http://lsi-medical.com) or call 800-846-1279 and speak to a Regional Director who can consult with you on LSI's Interface capabilities.