



Patient Education Solutions

New HL7 Site Information Request

Please fill out this information and email with 3 to 5 complete HL7 stream samples to support@exitcare.com.

Hospital Information

Interface-Type: One-Way Bi-Directional

Site Name:

Address:

Phone #: Fax #:

ExitCare® Contact – HL7 Interface Developer

Name: James Justin Phone #: 651-379-0515

Email Address: Jamesj@exitcare.com

Hospital Contact – IS Department

Name: Phone #:

Email Address:

Hospital Contact – Primary Department Contact

Name: Phone #:

Email Address:

HL7 Interface Designer – Primary Contact

Name: Phone #:

Email Address:



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General Information About the Site

What Hospital Information System (HIS) is installed at the site?

Is the HIS HL7 compliant? Yes No

If the system is HL7 compliant, what version of HL7 is being utilized?

What (if any) is the interface engine to/from HIS?

If site is using an interface engine, is the engine currently installed and functional? Yes No

If not, what is the projected date of installation?

TCP/IP Receiver Setup

What TCP/IP port number will be used to send the HL7 Stream?

Which protocol is being used? (Check One)

- Minimal Lower Level Protocol (MLLP), Format 1, 0x0b...0x1c
- Minimal Lower Level Protocol (MLLP), Format 2, 0x0b...0x1c,0x0d
- Minimal Lower Level Protocol (MLLP), User's Format

Header:

Trailer:

- Customized

Header:

Trailer:

Send ACK: 0x1c (default) Validate HL7 Message Other: None Required

If Custom please specify the following:

Header:

Trailer:

Are there any other HL7 interfaces currently installed at the site? (If yes, please describe)

What is the projected date for implementation?



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HL7 ADT Stream Layout

Delimiters

	Standard HL7	Your System
Segment Terminator	<CR>	
Field Separator	(hex 0D)	
Component Separator	^	
Repetition Separator	~	
Escape Character	\	
Sub-Component Separator	&	

ExitCare Import Fields

NOTE: A01 and A04 messages must be COMPLETE messages, ExitCare DOES NOT support quick registration or partial messages.

Field Name	Default HL7 Segment ID that ExitCare Uses	Use this HL7 segment instead of the default ExitCare segment
@event	MSH_9_2 (ADT Event Code)	
@date	MSH_7 (Message Date/Time)	
@time	MSH_7 (Message Date/Time)	
@patientid	PID_3_1 (Patient ID (internal))	
@medicalrecordnumber	PID_18_1 (Patient Medical Record Number)	
@deptcode	PV1_10 (Hospital Service Code)	
@patientfirstname	PID_5_2 (Patient First Name)	
@patientlastname	PID_5_1 (Patient Last Name)	
@patientsex	PID_8 (Patient Sex)	
@patientaddress1	PID_11_1 (Patient Street Address)	
@patientaddress2	PID_11_2 (Patient Address - Other Designation)	
@patientcity	PID_11_3 (Patient City)	
@patientstate	PID_11_4 (Patient State or Province)	
@patientzip	PID_11_5 (Patient Zip or Postal Code)	
@patientphone	PID_13_1 (Patient Home Phone)	
@patientdob	PID_7 (Patient Date/Time of Birth)	
@patientemail	PID_13_4 (Patient Email Address)	
@responsibleadult	- no default -	
@caregiver	PV1_7_3 (Attending Physician First Name) + PV1_7_2 (Attending Physician Last Name)	
@caregiverstateid	- no default -	
@caregiverdea	- no default -	
@caregivernpi	- no default -	
@followuptime	- no default -	
@followupdoctor	- no default -	
@clinicname	- no default -	
@followupdoctorphone	- no default -	
@followupdoctorphone2	- no default -	
@followupdoctoraddress	- no default -	
@followupcity	- no default -	
@followupdoctorstate	- no default -	
@followupdoctorzip	- no default -	
@followupdoctorfax	- no default -	
@followupdoctoremail	- no default -	
@drugallergies	- no default -	



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@OversightCaregiver	- no default -	
@Oversightdea	- no default -	
@Oversightstateid	- no default -	
@Oversightnpi	- no default -	
@patientheight	- no default -	
@patientweight	- no default -	
@patientvisitdatetime	- no default -	
@code (icd9:code)	- no default -	



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ExitCare Pharmacy Functionality

Overview

This section represents the incoming HL7 Pharmacy Order Entry message (Message Type RDE) that is supported by ExitCare. Use of the RDE message requires HL7 version 2.2 or higher. Pharmacy order entry messages are not permitted outbound. An order message must consist of the following parts:

Segment	Segment name
MSH	Message header
PID	Patient identification
RXE	Pharmacy encoded order

Each RXE must be a separate HL7 event. All events will be entered into ExitCare as an undefined status. ExitCare prior to 7.1 does NOT handle delete/change events.

Items in **BOLD** are required items.

Field Name	Default HL7 Segment ID that ExitCare Uses	Use this HL7 segment instead of the default ExitCare segment
@event	MSH_9.2 (Event Code) MUST BE "RDE"	MUST BE "RDE"
@date	MSH_7 (Message Date/Time)	Must be the same as ADT
@time	MSH_7 (Message Date/Time)	Must be the same as ADT
@patientid	PID_3.1 (Patient ID)	Must be the same as ADT
@medicalrecordnumber	PID_18.1 (Patient Medical Record Number)	Must be the same as ADT
@patientfirstname	PID_5.2 (Patient First Name)	Must be the same as ADT
@patientlastname	PID_5.1 (Patient Last Name)	Must be the same as ADT
@patientsex	PID_8 (Patient Sex)	Must be the same as ADT
@patientdob	PID_7 (Patient Date/Time of Birth)	Must be the same as ADT
@DrugName	RXE_2.2 (Drug Name i.e. Vicodin)	
@DrugForm	RXE_6.2 (Drug Form i.e. Tab, Cap)	
@DrugStrength	RXE_3 (Drug Strength including Unit i.e. 5/500 mg)	
@DrugRoute	RXE_5.3 (Drug Dose i.e. 1 tab orally)	
@DrugFrequency	RXE_1.8 (Drug Frequency i.e. Twice a day)	
@DrugDirections	RXE_5.2 (Drug Directions i.e. After Meals)	
@DrugAmount	RXE_6.5 (Drug Amount to prescribe i.e. 30 pills)	
@DrugRefills	RXE_12 (# of Refills i.e. 3)	
@DrugVoidAfter	RXE_1.5 (Script Void after i.e. 30 days)	
@DrugNotes	- no default - (Drug Notes- i.e. Chew tablets before swallowing)	
@DrugType	RXE_2.3 (Drug Type – For prescriptions – RX For over the counter – OTC)	
@PrescriptionNumber	RXE_15 (Prescription Number - Unique identifier for this prescription For delete or change status this number must be the same as the prescription number for the original order)	
@PrescriptionStatus	RXE_2.4 (Drug Status N for New, C for Changed, D for Delete)	
@DrugNDC	RXE_2.1 Drug NDC Number	



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ExitCare Bi-directional

Overview

This section specifies how the exported information is formatted and what is included in the discharge message. The HL7 outbound Observation Result message (ORU) with an event code of R01 has the documents encoded into a multiple part OBX segments. The message size varies depending on the format of documents, and what is configured to be included in the outbound message. The following table shows the sizes of a typical message that includes one of each document type and includes one graphic (if format permits).

Table with 8 columns: Text Format, Includes graphics, Patient instructions, Signature page, Medication summary, Summary page, Prescriptions, Total message size. Rows include Plain, HTML**, RTF**, and PDF*.

*Base64 encoded document

**Base64 encoded document using ExitCare 7.7 and later

TCP/IP Transmitter Setup

What TCP/IP address will be used to receive the HL7 Stream?

What TCP/IP port number will be used to receive the HL7 Stream?

Which protocol is being used? (Check One)

- Minimal Lower Level Protocol (MLLP), Format 1, 0x0b...0x1c
Minimal Lower Level Protocol (MLLP), Format 2, 0x0b...0x1c,0x0d
Minimal Lower Level Protocol (MLLP), User's Format

Header:

Trailer:

- Customized

Header:

Trailer:

Send ACK: []0x1c (default) []Validate HL7 Message []Other: []None Required

If Custom please specify the following:

Header:

Trailer:

Message format:

- [x] Plain Text
[] HTML
[] RTF
[] PDF (Base64 encoded)

Check what is to be include in discharge message:

- [] Patient Instructions
[x] Signature Page
[] Medication Summary
[] Summary Page
[] Prescriptions