LINKMED® IE

Complete Healthcare Interface Solution in One Package

HL7 Transcription Interface

Interfaces with:

AllScripts™

Cerner Mellennium

Cardiac Science Q-Stress, Q-Tel

Epic Hyperspace EHR

GE Centricity®

Meditech, Magic C/S, ITS

McKesson HPF, Paragon, Star Series

Siemens Invision®, Soarian®, Openlink®

VA Vista, CP

BardEP LabSystem Pro®

St.Jude Medical EP Workmate®

Virtually Connects/Exchanges Data with Any EMR/EHR/HIS/PACS and Diagnostic Medical Devices
HL7, DICOM, XML, CSV, SQL, GDT, ASTM, X12 , ASCII, NVP, User-defined

LINKMED®

Overview:

LINKMED® IE HL7 Transcription manages the flow of HL7 ADT/Order messages from the HIS/EMR/EHR systems and voice-files from dictation systems to transcription Vendor's data center for distributing to transcriptionist. LINKMED® HL7 Transcription process transcribed reports to HL7 result (ORU) or Documentation (MDM) messages and sends those reports back to the HIS/EMR/EHR systems. LINKMED® HL7 Transcription HL7 interface can be configured to meet any site specific need. Configuration is managed by LINK Medical trained end-user or by LINK Medical integration personnel.

LINKMED® Transcription Interface Module has the following components:

HL7 TCP/IP communication drivers:
These applications are used to receive patient HL7 ADT/Order feed from the HIS/EMR/EHR systems and send HL7 result (ORU) or Documentation (MDM) messages back to HIS/EMR/EHR systems via TCP/IP socket connection using standard HL7 MLLP protocols.

WebSelect application for transcriptionist and provider:
This web-based application resides on vendor data center and uses to view and download transcription templates and dictation voice-files by off-site transcriptionist using WebSelect client. Once users log-on, WebSelect presents users a list that includes customized transcription templates and dictation voice-files associated with those templates.
Providers log-on to WebSelect to search for report status, view and print their patients transcribed reports from their office's computers with WebSelect client installed at anytime day or night.

LINKMED® Interface management applications and database:
These applications manage the transfer of data from/to HIS/EMR/EHR systems in HL7 and proprietary formats. Database management applications work in conjunction with the LINKMED® Scheduler applications to automate and maintain the interface.

LTInsert application (Directly inserts data to SQL database):
This application is used to insert and update HL7 ADT/Order information directly to Vendor's SQL or other types of database.

LINKMED® IE HL7 Transcription Integration with Vendor System:
LINKMED® HL7 Transcription can be used to seamlessly integrate with vendor's application, via HTTP query. LINKMED® IE HL7 Transcription interface allows vendor application to:
Performs search forHL7 ADT/Order
Performs search for transcribed report
Performs search for order status
Reconciles voice file with HL7 ADT/Order

System Requirements:
Server:
Intel Pentium 4 or AMD 64 2.0 GHZ CPU running on Windows® Server 2000/2003/2008 or later
Client:
Pentium or AMD 1.0 GHZ CPU for Interface PC running on Windows® 2000 Pro/XP Pro/Win 7
Internet Information Services (IIS) enable
100 GB + Hard Disk space
10/100/1000 LAN