LINKMED® HL7 Transcription
Web-enabled Interface Engine

Get ready to be part of the Healthcare Stimulus...

HL7, XML, CSV, ASCII, NVP, SQL, GDT, DICOM, User-defined

A Bi-directional HL7 ADT/Order, Result Reporting and Billing Interface for

Medical Transcription Systems

Interface with:

MEDITECH ITS, MAGIC (C/S), McKESSON HPF, STAR, SIEMENS, Cerner Millennium

Power Chart, Quovadx (Cloverleaf), EPIC, GE Centricity®, LastWord, MedPlus ChartMaxx,

MISYS, AllScripts TouchWork, HL7 Compliant Systems

Overview:

LINKMED® Transcription manages the flow of HL7 ADT/Order messages from the HIS or EMR systems and voice-files from dictation systems to transcription Vendor's data center for distributing to transcriptionist. LINKMED® HL7Transcription process transcribed reports to HL7 result (ORU) or Documentation (MDM) messages and sends those reports back to the HIS or EMR systems. LINKMED® HL7 Transcription HL7 interface can be configured to meet site specific need. Configuration is managed by LINKTools® 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 ADT/Order feed from the HIS or EMR systems and send HL7 result (ORU) or Documentation (MDM) messages back to the client HIS or EMR systems via TCP/IP socket connection using standard HL7 MLLP protocols.

LINKMED® Select 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® Transcription interface management applications and database:
These applications manage the transfer of data from/to HIS and EMR systems in HL7 and proprietary formats. Database management application works in conjunction with the LINKTools® Scheduling application to automate and maintain the interface.

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

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

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

LINKTools®
IDK
Interface Development Kit