

LINKTools® IDK

Interface Development kit



Diagnostic Medical System Interface
Medical Transcription System Interface
ECG Management System Interface
Laboratory System Interface
Radiology System Interface
Pharmacy System Interface
Medical Billing System Interface



Interfaced with:

MEDITECH Magic C/S, ITS

McKESSON HPF, STAR Series

SIEMENS OpenLink, Unity

Quovadx (Cloverleaf)

EPIC Hyperspace

Eclipsys SCM

GE Centricity

MISYS

Cerner Millennium

MedPlus, ChartMaxx

eGate

HL7 Compliant Systems

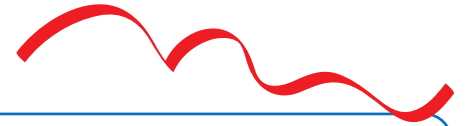


System Requirements:

Windows® 2000/XP Pro/Vista or
Windows® Server 2000/2003 or above
Pentium 4, AMD 64 2.0 GHZ or above CPU
100 GB Hard Disk Space
1 to 2 GB of RAM or more

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

A Bi-directional HL7 ADT, Order, Result and Billing Interfaces



Overview:

LINKTools® IDK is an HL7 interface toolkit that allows vendors to integrate their systems to talk to their client's systems and link as many dissimilar applications as they need regardless of hardware or software platform. In simple term LINKTools® IDK enables your system to talk to unknown systems by mapping data from "Client's format to Vendor's format".

The LINKTools® IDK provides near universal interface capability, It is a non-invasive interface tools for application to application or enterprise wide interfacing. LINKTools® IDK supports standard and custom messaging formats such as: HL7, XML, CSV, NVP, ASCII, DICOM, ASTM and User-defined.

LINKTools® IDK Features:

Web-enabled Interface Engine:

- Processes healthcare information and provides user a secured access to those information through LINKTools® WebSelect application.

Messaging and Mapping Application:

- Uses to map data from healthcare standard HL7, proprietary and user-defined formats to "What you want" format and creates HL7 or other message types from your format to your client's format.

Plug & Play TCP/IP Communication Drivers:

- The TCP/IP communication drivers are used for socket communications between your system and your client's systems. The Receiver automatically creates and sends HL7 acknowledgment upon receiving HL7 message. The Transmitter automatically connects and sends your HL7 messages and waits for client's message acknowledgment. LINKTools® communication drivers can be configured to send and receive non-HL7 messages. Both LINKTools® Receiver and Transmitter run as services.

Interface Automation applications:

- This application is used to automate your interface; you assigned your interface task using a command line call to LINKTools® interface engine and path to your interface templates from a user friendly application dialog box.

Interface Necessity Utilities:

- LINKTools® IDK includes many useful utilities and applications, such as copying, deleting, batching or un-batching or un-batching files, interface transaction log and backup, to help you build, test and manage your interface quickly and efficiently.

Cost effectiveness:

- LINKTools® IDK vendors paid reasonable price for their interfaces and retained a competitive edge over their competitors by pricing their products lower, while offering their customers world-class interfaces. Reliability is the main factor in considering LINKTools® IDK as your middleware, for example, the first and second generation of LINKTools® IDK still powering Dictaphone Dictation Systems in many Emergency Rooms across the US, others still interfacing the old Hewlett Packard (HP) TraceMaster ECG Management System (EMS) to Hospital Information and EMR Systems.

LINKTools® IDK Specifications:

- Windows® based software for easy installation and support
- Compatible with HL7 version 2.1, 2.2, 2.3, 2.3.1, 2.4, 2.4.1 and 2.5 (HL7 version 3 ready when available)
- Supports XML, ASTM, ASCII, SQL, GDT, user-defined and proprietary message formats
- Supports Unicode, single byte (non-English) and multiple bytes characters
- Sending HL7 Query, Result or Billing message automatically via TCP/IP socket connection
- Customized Result message to your client specifications