

# LINKTools® IDK

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



**HL7, XML, ASCII, CSV, NVP, ASTM, SQL, GDT, DICOM, User-defined**  
A Bi-directional HL7 ADT, Order, Result and Billing Interfaces

## Interface with:

MEDITECH ITS, Magic C/S, McKESSON HPF, STAR Series, SIEMENS SYNGO®,  
SOARIAN®, VA VISTA, CP, CARDIAC SCIENCE Q-Tel, Q-Stress, BARDEP® LabSystem™PRO  
St.JUDE MEDICAL® EP Workmate®, Quovadx (Cloverleaf), EPIC Eclipsys , GE Centricity®  
MISYS, Cerner Millennium, HL7 Compliant Systems

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



### **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 all standard messaging formats such as: HL7, XML, CSV, NVP, ASCII, DICOM, ASTM and User-defined.

### **LINKTools® IDK Features:**

#### **Web-enabled Interface Engine:**

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

#### **Messaging and Mapping Application:**

- Uses to map data from healthcare standard, proprietary and user-defined formats to "What you want" format or 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 acknowledgments. 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 toolkit includes many useful utilities and applications, such as copying, deleting, batching or un-batching files and 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 interfacing Dictaphone Dictation Systems to HIS/RIS 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, CSV, 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