

LabTalk™

Laboratory Instrument Data Handler

Overview

LabTalk is a system that connects multiple heterogeneous laboratory analysers to a host Laboratory Information Management system such as ILMS. This can be in either HL7 or ASTM standard formats. LabTalk uses an innovative Protocol Definition Language (PDL) to translate any instrument format to the ASTM standard.

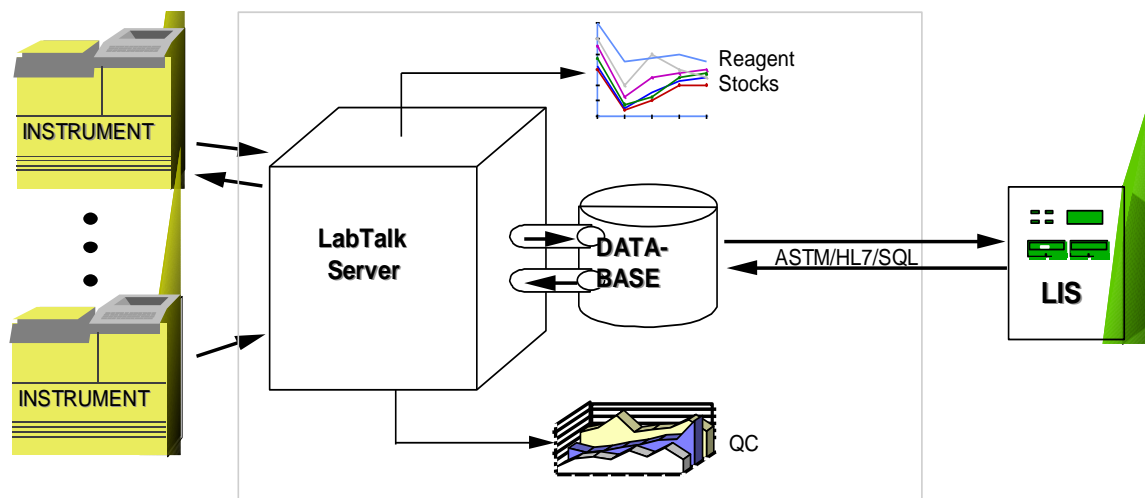
Key Benefits

- ✓ Interconnects heterogeneous laboratory instruments to ILMS
- ✓ Intuitive Graphical User Interfaces
- ✓ Translation to ASTM/HL7 standard messages or SQL update through ODBC
- ✓ Open architecture
- ✓ LabTalk can operate remotely from the platform that hosts the LIS
- ✓ Store and forwarding capability to reduce dependence on Network and Host System
- ✓ Comprehensive activity logging
- ✓ User-defined alerts and Responses

Added Value for Clients

- ✓ Extensive market place experience with laboratory instrument interfacing
- ✓ Comprehensive interface software library for a wide range of commonly used laboratory instruments
- ✓ The use of PDL ensures that new instruments can be connected in days rather than weeks
- ✓ Flexibility to communicate to the host LIS using Unidirectional (trickle feed), Bi-directional host query or Bi-directional batch query modes
- ✓ Quality Control management
- ✓ Workload statistics and Reporting
- ✓ Reagent management and Usage

LabTalk Schematic



Easy to Customize

Integrated Medical Systems believes it is important for its product to be *distinctly yours*. IMS software enables you to quickly and easily tailor the applications to your requirements.

Integration other systems such as Laboratory (ILMS) and Order Management (OMS)

Quality and Security

- IMS software features full user security to cover user logon password protection, profiles and authorization.
- IMS software is developed using all international standards where relevant including HL7, ASTM and DICOM.

Open Architecture

Secure your investment by adopting an open system. ILMS software was designed to meet a fundamental need for "*software that lasts*".

- ✓ Multi-Platform
 - Microsoft Windows, Oracle, UNIX/LINUX
- ✓ Graphical User Interface, object oriented,
- ✓ Modular, scalable, flexible
- ✓ Seamless integration with other IMS products
- ✓ Utilising web services,
- ✓ HTML, XML, XLS, CSS

For more information on IMS products please contact:

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