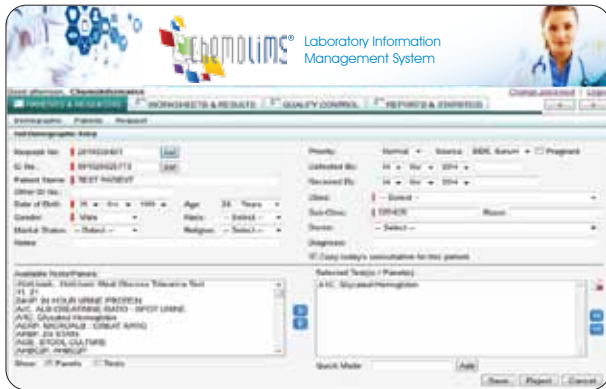


Software Application

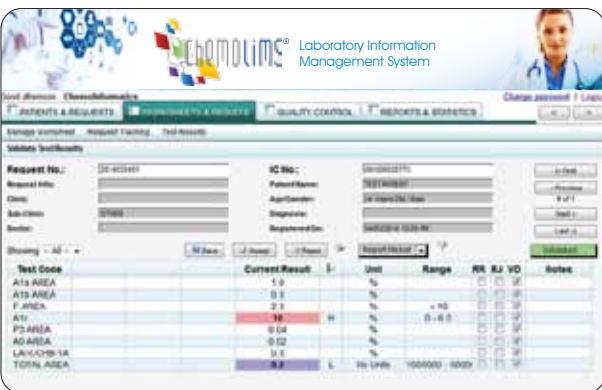
User Interface



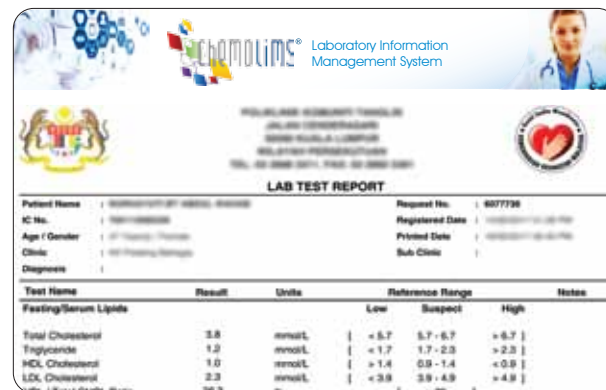
Login



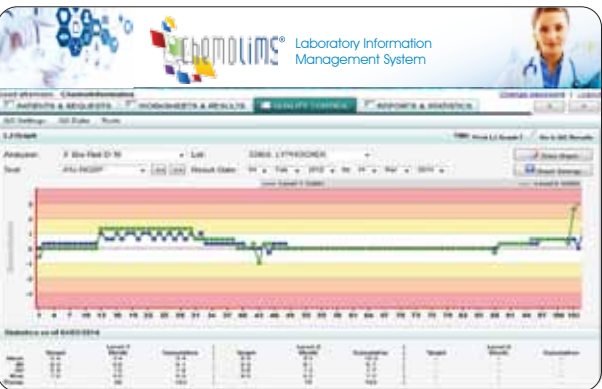
Demographic



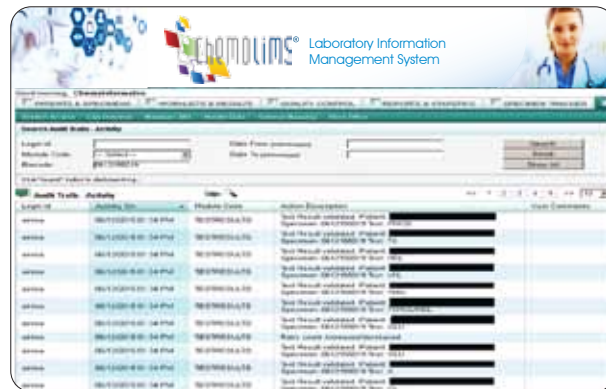
Test Result Validation



Report



QC Result



Audit Trails

Modules

Basic

- Patients
- Specimens
- Worksheets
- Test Results
- Quality Control
- Reports
- Statistics
- Admin Setup

Advanced

- Inventory
- Maintenance
- Billing & Finance
- SOP and Document

Discipline

- Medical Microbiology
- Hislo and Cytopathology
- Blood Bank

Customization

- Integration to HIS Systems
- Integration of TPC, SPP, FOMEMA
- Any custom modules as per requirement



Laboratory Information Management System



Total Chemopharm Solutions

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Introduction of

ChemoLIMS® provides all the basic functionality required in a LIMS including sample/work registration, test allocation, sample receipt, sample preparation, result entry, result validation, sample approval and reporting.

The implementation of **ChemoLIMS®** in a laboratory will eliminate transcription and calculations errors that are inherent in manual data management.

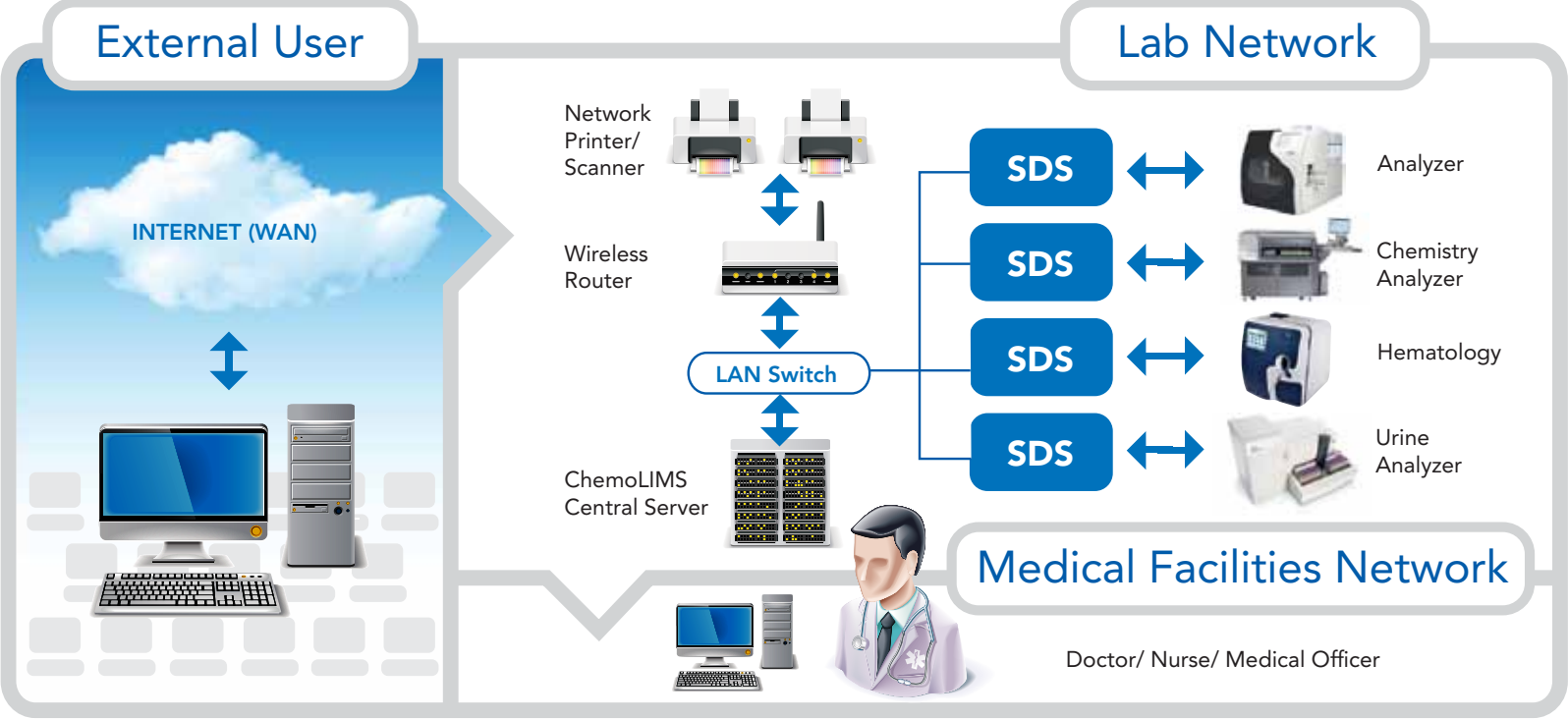
ChemoLIMS® successful implementation will improve one's ROI, profitability, quality of work and also importantly user happiness.

ChemoLIMS® establishes an unprecedented level of integration with any scientific or analytical equipment for real-time sample data collection, archival, processing and remote access.

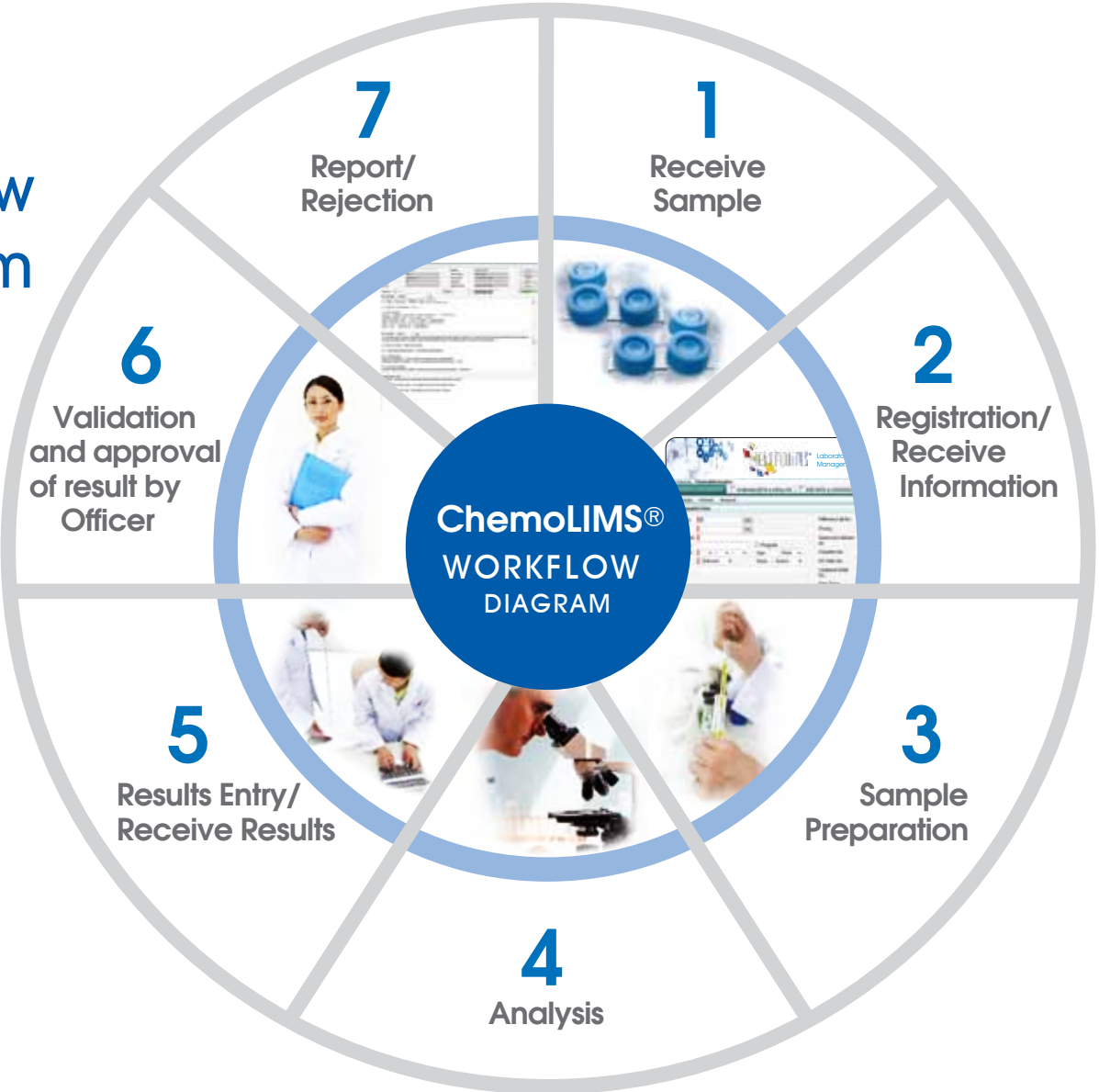
The advanced features of **ChemoLIMS®** cater to the varied requirements of different laboratory, clinical and management individuals in an integrated workflow.

- These include:
- Easy retrieval and viewing of raw data originating from different equipment / analysers by bench level labtechnologists / scientists.
 - Centrally stored raw data is available from location to lab technologists / scientists in real-time.
 - Real-time data analysis on demographic and geographic trends by group leaders / management.
 - Easy management of system, data, databases, instrument interfaces / connectors by system administrators.

How ChemoLIMS works?



Workflow Diagram



ARCHITECTURE

ChemoLIMS® comprises a layered architecture where the data collection, data processing and data presentation are clearly separated yet seamlessly integrated for smooth data flow from the machine to the human.

- **Data Presentation Layer**
for collating data from different instruments onto a single web page
- **Data Processing Layer**
for customised statistical analysis to determine demographic and geographic trends
- **Data Query Layer**
for querying data in both simple and complex terms as per context
- **Equipment Integration Layer**
for connecting to any scientific equipment / analyser with RS 232, TCP/IP or USB connectivity
- **ChemoLIMS® Implementation**
Can be implemented as a client / server application or as a standalone workstation

FEATURES

- Client and server based for easy deployment and future scalability.
- Database based application with a robust and flexible back - end, including XML, utilising open source software and no additional license cost.
- Operating System (OS) neutral so as to able to adapt to varying systems such as Windows, Mac, Linux, etc.
- High user friendly GUI with multi-language capability.
- 3 tiers of security
 - Database
 - Application
 - Browser
- Future proof design that uses latest Web 2.0 technologies and scalable databases.
- Conforming to international health informatics standards, such as HL7, ASTM, to enable interoperability between systems.
- Integration between others system such as HIS, Middleware and etc.
- Custom built with local development, deployment and support.
- Facilitate compliance to ISO & FDA Lab Standard.

Laboratory Information Management System

