








15 Years Experience in Laboratory Referrals

Lord Carter's review of pathology services made recommendations regarding service consolidation and networking. The need for "end to end" IT connectivity was one of the key requirements identified in Lord Carter's review to support and enable effective service reconfiguration and deliver patient centric, value and evidence based services.

The CliniSys Lab2Lab solution, which has been used to manage the referral of samples for over 15 years, supports the principles of interoperable IT connectivity essential for the drive for greater efficiency highlighted in Lord Carter's report and the QIPP agenda.

Lab2Lab is used by numerous NHS Trusts across the UK to facilitate pathology service consolidation by streamlining and automating the electronic referral of tests within a hospital network group. It supports the emerging prevalence for centralisation for specialist tests as well as for pathology "hub" laboratories and the necessity to link to the other "spoke" labs in the network by its ability to send and receive electronic requests and the corresponding results with full integration with the CliniSys LIMS in use.

Benefit Summary

Mapped Features	Benefits
 Automated and ad hoc intra and inter network laboratory referral	Improved income generation through service flexibility, scalability and control
 Audit trail for complete traceability of samples	Improved patient care Supports accreditation requirements
 Requests and results fully integrated in CliniSys LIMS	Quality and patient safety improvements by eliminating transcription errors
 Flexible to support hub and spoke consolidation requirements	Tailored to suit local pathology services network configuration
 Automated electronic processes	Cost saving through reduction of effort

CliniSys recognises the difficulties and cost implications of a centralised and consolidated LIMS and therefore Lab2Lab provides a cost efficient mechanism for the referral of tests and results across the network. Lab2Lab serves as an easily achievable first phase in service consolidation facilitating closer network service operations and also allows all labs in the network to continue using their incumbent LIMS.



The CliniSys Lab2Lab solution is fully integrated into the CliniSys LIMS and enables the electronic transfer, management and tracking of pathology requests and the electronic integration of the reciprocal results to / from the referral location. The flexible nature of Lab2Lab enables users to easily define and configure referral tests and laboratories and is extremely scalable; supporting single tests to single locations, multiple tests to multiple locations and even managing the referral of a whole department's workload.

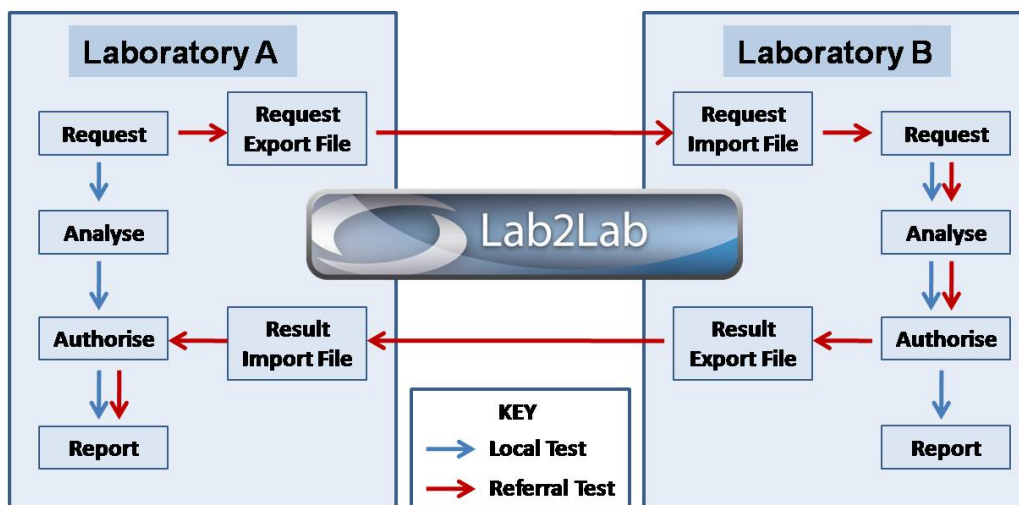
Workflow Overview

Lab2Lab allows the user to define specific referral laboratories and locations and assign those referral laboratories to individual tests or to complete test profiles. Within the Lab2Lab management module, the user is able to define, for each electronic referrals location, the data fields that they wish to export and/or import for both requests and results.

When requests are booked into the LIMS that have tests identified and pre-configured for electronic referral, Lab2Lab will automatically add them to a referral queue. The inherent control features of Lab2Lab allows this queue to be processed either manually or automatically as deemed appropriate by the customer. When the queue is processed the electronic requests are built based upon the local definition tables for that referral location. When receiving referral samples the LIMS will automatically interrogate pending electronic requests and integrate these as per the electronic request import definition tables. These electronic requests can either have pre-allocated laboratory numbers to streamline the requesting phase or they may be allocated at the point of entry to provide greater control.

Referral sample results are entered and clinically authorised in the LIMS in the usual manner. Once authorised, they are added to the corresponding results referral queue and processed either manually or automatically as required as per the definition tables. The referral results are then integrated in the requesting system and either added to the authorisation queue or passed straight through to the reports queue. At all stages, this process can be automatic or manual depending upon user requirements. The management module of Lab2Lab will audit the electronic referral record at all stages and also provides the ability to resend and re-import data where necessary.

Electronic Referral Workflow Using CliniSys Lab2Lab

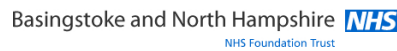




The Lab2Lab Community

With over 15 years operational experience, CliniSys Lab2Lab is a proven solution entrusted by a large number of NHS and private healthcare customers, successfully processing in excess of 1 million tests every month.

Some of the customers benefiting from Lab2Lab include:



As the Lab2Lab client base expands, so does the opportunity for our customers to network and refer work to a greater choice of pathology service providers.

Tailored Solution

The CliniSys experienced on site analyst will work closely with all stakeholders to configure the system as per your exact requirements and ensure that the receiving laboratory software is also configured appropriately. The only dependency for the customer is the provision of a secured network file share and transport mechanism between the referring laboratories.

Traceability

The ability to track the status of the referral record in its journey is extremely important. The audit trail within Lab2Lab combined with the clear referral status displays within the LIMS ensures that system administrators can easily track the whereabouts of the referral sample. The key status displays and message traceability



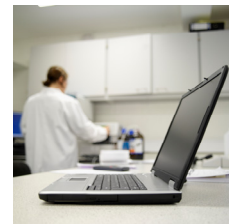
"To Be Sent"

The sample has been booked in and is ready to be sent to the referral laboratory. Electronic request message audited.



"Sent"

The sample is transported to the referral laboratory. Receipt of electronic request message is audited.



"Returned"

The automated integration of the referral result. Receipt of electronic result message is audited.



CliniSys

Diagnostics Intelligence

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