



**Home to
the world's
healthiest
software!**

About the Cluster

The New Zealand Health IT Cluster is a vibrant alliance of organisations interested in health IT, comprising software and solution developers, consultants, health policy makers, health funders, infrastructure companies, healthcare providers, and academic institutions - who have agreed to work collaboratively.

Our Vision

Our Vision is NZ is a Centre of Excellence for Health Technology

The Cluster's Mission

Collaborate to position New Zealand as a world leader in the supply and use of innovative health technology

The Cluster's Goals

Key goals of the Cluster include:

- To help members grow their business capability
- To foster collaboration
- To catalyse innovation and investment in health technology

E-LABS ORDERS AND RESULTS PILOT PROGRAMME PROPOSAL

AUGUST 2008

Overview

Implementing e-laboratory orders and results presents a very realisable opportunity as large amounts of Research and Development are not required and most, if not all, application solutions exist. There is however, significant stretch required in collaboration, infrastructure, business logic, and solutions development. The sector is willing and ready to initiate this project which will deliver real benefits to patients and healthcare providers.

Approach

The proposed pilot programme will involve all key stakeholders within the Midlands region, including; healthcare consumers, primary healthcare providers, PHOs, secondary healthcare providers, laboratories and the DHBs, along with the Ministry of Health, HISAC, the Cluster and health IT vendors.

The Cluster and HISAC have worked together, with the support of strong clinical leadership provided by the Midlands Regions DHBs and PHOs, to identify the Rotorua General Practice Group (RGPG) as a suitable primary care pilot site, and Lakes DHB as a suitable site for secondary care results viewing. A similar collaborative approach will be followed to ensure an equally suitable secondary care site for ordering is selected.

The Ministry of Health and HISAC are currently giving consideration to the proposal, along with a plan to ensure that the resulting solution architecture and learnings can be shared and implemented nationally.

Programme Scope

The proposed programme of work will establish four concurrent projects; each with phases and independent benefits that will be measured.

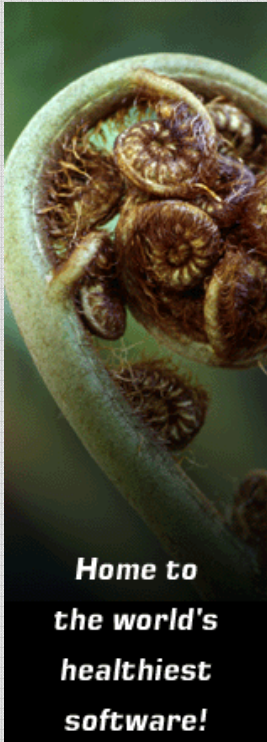
Project 1 Stakeholder Engagement

Stakeholders representing the different end user groups will be engaged and their needs and expectations identified. These will inform the requirements of the subsequent software development projects.

Project 2 Community Laboratory Orders

This (CLO) project will:

- Implement the Clinical Data Repository, combining community and secondary lab results.
- Develop the capabilities to allow General Practitioners to order laboratory tests and receive their results electronically, closing the loop to identify tests not performed and advising them of potentially duplicate orders.



Home to the world's healthiest software!

Our Role

We work directly with key Government agencies such as the Ministry of Health, NZ Trade & Enterprise, and the Foundation for Research, Science and Technology to help Cluster members to grow their business in their chosen markets.

Membership Categories

- Health IT Companies
- Supporting Members
- Healthcare Provider Members
- Academic Members
- Individual Members

Join now

If your organisation has an interest in health IT, a significant presence in New Zealand, and wants to collaborate with other sector participants.

- Produce a proposal outlining the preferred long term architecture for the regional introduction of e-labs.

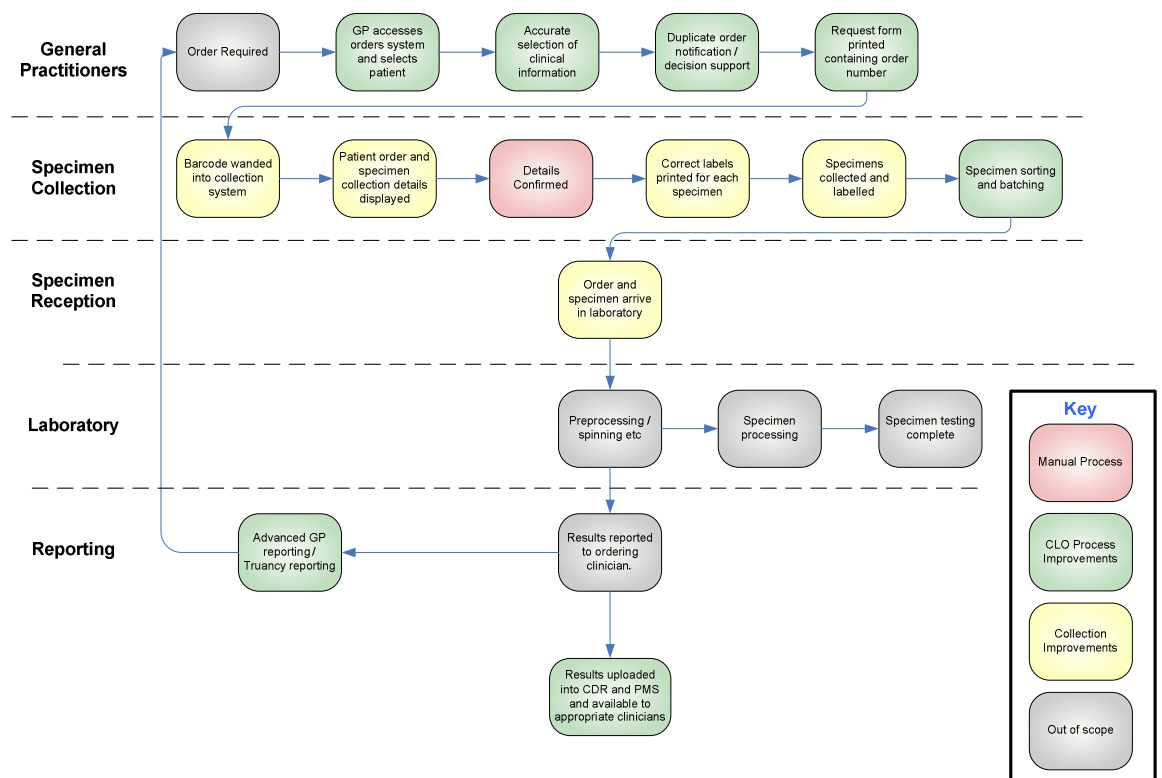
Project 3 Community Laboratory Collection Process Improvement (CLCPI)

This project will introduce process improvements and supporting technologies into the laboratory collection process.

Project 4 Secondary Laboratory Orders

This project will scope and document the requirements for the implementation of electronic laboratory orders and results so as to fully integrate the secondary care clinicians into the regional network.

Solution scope



Within the overall programme, each independent project will deliver process improvements to its area of focus. Each project can be initiated independently, however the full benefits envisaged in the proposal will be achieved when all the projects have been implemented.

The solution architecture is software independent and allows the sector to develop their long term strategy for e-health and retain control of key decisions such as selection of software and preferred hosting arrangements.

More information

You can find more details about the proposal document or the logical architecture in the e-projects section of the Cluster website www.healthit.org.nz