

medtech **LINKTECH**

True Population-Based Analysis for Improved Healthcare



Adaptable

LinkTech provides a unique user-defined interface that allows a user to determine the type and content of the data collected and thus providing health administrators and funding agencies the tools for the delivery of capitated funding, public health interventions, sector planning and much more.

Flexible

Using the flexible data loaders and table management wizards, users can track patient demographics, interface with mapping systems for the plotting of populations and health information, log telephone and other contact with providers, track provider membership, help administer provider payments and interface with popular Microsoft applications such as MS Office.

Customisable

Data acquisition and reporting can be customised by the user, allowing the generation of unique reports and queries, questionnaires and documents. For standard reporting, built in wizards lead the user safely and easily through the process.

Cleansing

Data received from Practice Management Systems is cleansed by the application of user selected validation rules and then passed through a seamless integration phase to update the central register. Duplicate patient records are identified both within and between practices, and reports on validation failures are produced for each practice.

Reliable

Use of advanced client/server technology SQL database and state-of-the-art development techniques ensure that the data is safe and the database integrity is preserved. LinkTech has been in use by IPAs in New Zealand for over three years housing databases of up to one million patient records and is now used extensively by the newly formed Primary Health Organisations.

Easy to Use

Extensive help screens, a consistently applied user interface, on-screen hints plus a support and helpdesk service combine to make LinkTech the simplest of systems to implement and use.

Analysis

The LinkTech data model is highly normalised and rigorously designed. Built in to the database are columns for important data such as ethnicity, deprivation indices, geocodes, occupation, utilisation data, health events such as immunisations and cervical smears and chronic illnesses. Reporting and analysis can be done in-house with no requirement for a third party to provide this service.

Secure:

Login access of users, audit trails on each database record and allocation of user access rights combine to provide a high level of security for the database. Data remains in-house and as required is transmitted over secure lines such as the Health Intranet to the relevant funding agency.

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Features

Powerful Data-Mining Technology Includes:

- 1. Patient Register:** Comprehensive demographic data capture.
- 2. Practice Register:** Practice information including contacts, software details and practice profile.
- 3. Member/Provider Register:** Central Register for Accreditation, Practising Certification, Full time Equivalent status, peer group membership, contact and contractual information.
- 4. Contact List:** Directory of contact people, distribution lists and date and time stamped contact events.
- 5. Documents:** Document creation and mail merge to individuals or groups.
- 6. Questionnaire:** Customisable questionnaires with recording and reporting of responses.
- 7. Import Tool:** Importation of patient demographic and anonymised clinical data to which validation rules may be applied.
- 8. Service Utilisation:** Ability to import data from practices, their patient visit and immunisation information to enable reporting to funding agencies.
- 9. Financial Reporting:** Information by provider, practice, area or central register on projected and actual funding.
- 10. Patient Reporting:** Detailed information on demographic data captured with warning where records are invalid or incomplete.
- 11. Service Reporting:** Analysis of service utilisation information by gender, age band, ethnicity and quintile.
- 12. Duplication Utility:** Identification of both internal and external duplicate patients.
- 13. Geocoding:** Utility to apply Geocodes by practice, area or central register.
- 14. Plotting:** Ability to plot population by quintile, disease and immunisation.
- 15. Data Export:** Utility to export enriched data to practices to update their patient register.