ENTERPRISE HEALTH REGISTRIES

Provider registries

- Provider Registries serve as the "source of truth" about healthcare provider identities, to support care delivery processes throughout the health care system.

- Enable service encounter information in an electronic health record to be populated with standard provider data.

- Support the identification and authorization of a provider who is seeking access to an electronic health record.

Enterprise Health Registries contain basic reference information about clients, providers, services, health conditions, and health service delivery sites. They are part of the foundation for an electronic health services delivery system. Canadian Provinces and Territories are using these registries to support the deployment of Electronic Health Records (EHR) as defined by the Canada Health Infoway Blueprint.

OUR REGISTRY EXPERIENCE

Since 1966, Sierra Systems has achieved an excellent record for delivering effective and superb service to private and public sector organizations. We have extensive experience in the healthcare industry and are considered an industry leader in providing healthcare registries. We have built an extremely strong team of healthcare subject matter experts and IT professionals to assist you. It is this unequivocal commitment to delivery that we provide to every client.

Sierra Systems is a member of the Canada Health Infoway Standards Collaborative and provides technical leadership to the Standards Working Group 7 (SWG7) which focuses on non-Clinical Registries such as Provider and Client.

Provider Registry

Provider information is typically present in many health care systems, and has many authoritative sources (e.g. licensing organizations) in each jurisdiction. This is a worst case scenario for system integration, data integrity, and efficiency. The purpose of a Provider Registry is to collect provider information from many sources using a controlled, secure, central repository; and, to support the EHR by supplying accurate, timely provider identification.

Sierra Systems developed a complete solution ("Provider Registry System") for the Western Health Information Collaborative (WHIC) and has been continually involved with this product since 2001. Although initially designed for the WHIC provinces, usage of the Provider Registry System (PRS) has extended to include Quebec (bilingual), and Newfoundland and Labrador.

Client Registry is another key component of the EHR facilitating the longitudinal view of a client of the healthcare system. Sierra has been an integral part to Client Registry development and implementation projects in many jurisdictions across the country both from the registry creation as well as a consumer of registry information.

Learn More

To learn more about how Sierra's Healthcare services can help you realize the benefits of Enterprise Health Registries, contact us:

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In addition, Sierra Systems has undertaken Business and Technical Implementation projects across the country. Today we continue to provide support and enhancements to various jurisdictional implementations as well as the core PRS product. To date, Sierra Systems has played a role in the PRS implementations in British Columbia, Alberta, Saskatchewan, Manitoba, Quebec, Newfoundland and Labrador. In Nova Scotia, Sierra Systems was responsible for the system design, integration, testing and implementation of the provincial provider registry using the Initiate product set.

Client Registry

In **British Columbia**, we developed the BC Health Client Identity Management System (BCHCIM) and worked with different BC Health authorities to access the BCHCIM in various capacities including the BC Provincial Viewer. The purpose of BCHCIM was to create a set of patient identity-related business services for the Healthcare community in order to maintain identities, finding existing identities, and avoid duplicated identities and identity errors. The provision of these services is a cornerstone to the implementation of an Electronic Health Record (EHR) as well as playing a key role in assuring patient safety. The main target user groups include:

- Registration staff to manage identities as individuals access healthcare services.
- Medical records staff to manage the quality of healthcare records.
- EMPI administration staff in the Ministry of Health, to manage the quality of the province's identity data (in the Client Registry System) and to administer BCHCIM.

Alberta has multiple local and regional health registration systems where each contains its own set of client identity information, with demographic person data maintained in multiple places, with multiple identifiers, and with stakeholders unable to share this information. This posed a challenge to the delivery of quality healthcare and the building of an EHR. As a result, Sierra Systems was engaged for the development of a Provincial Client Registry (PCR). PCR now supports the view of a trusted and effective patient identification system that links diverse information sources within and across the various health entities, and provides the foundation for a province wide Electronic Health Record (EHR). Sierra Systems has completed Phases 0, 1, 2, and is currently delivering Phase 3 of the PCR – integration of community stakeholders.

The purpose of **Manitoba**'s Client Registry project was to link together client information from registration systems at over 50 health care facilities and Manitoba Health and Healthy Living in order to provide a single, province-wide view of client demographic and identifying information; improve the integrity of client information within and across health care organizations; and, lay the foundation for a province-wide view of client information (electronic health record).

This complex, multi-year project not only included selection, implementation, and configuration across 22 different source systems (some active and passive) but the migration of the system to a new provincial data centre, a major upgrade to the core Initiate software product, re-platforming of the Manitoba Health Insurance Registry and data cleansing/remediation.

In 2009 the PMI Manitoba Project of the Year, 2nd place award was presented to the Manitoba eHealth and Manitoba Health and Healthy Living's Provincial Client Registry Project.