# CLINICAL INFORMATION SYSTEMS

*Clinical Information Systems provide access to relevant clinical data, and are one of the foundational elements of an Electronic Health Record (EHR). CIS support continuity of care across the entire spectrum of health services and improve patient care.*

*Our client focus, on-time and on-budget delivery, project management skills and technical expertise will aid you in the implementation and adoption of a CIS, reduce the total cost of ownership, and achieve the value from your CIS.*

## CHALLENGE

There is an increasing demand from health organizations to provide an improved view of the clinical information required by clinicians and administrators across the continuum of care. At the same time there is a growing demand from the public for access to their personal information and greater control over who has access to this information. These demands are driving new expectations regarding the availability, security and accuracy of the data.

Successful investments in Clinical Information Systems (CIS) must deliver the intended clinical and business outcomes for providers, administrators and public stakeholders centered on cost-effective, quality care. Meeting the increasing demands of our growing population with limited resources and budget pressures requires the benefits from any CIS implementation to be maximized through continual service improvement and cost optimization.

## OUR SOLUTION

We understand that it takes more than software installation for success; people, process, software, and environment are all essential components. Our experience and knowledge within the CIS domain means that we understand the information requirements and systems necessary to achieve success with both patient care and business strategies. Sierra approaches each project expecting to build long-term relationships through the consistent delivery of value.

We know the change management complexities that stem from replacing, upgrading or modifying existing clinical systems. We work in collaboration with our clients to support their strategies and business processes, which in turn promote adoption and understanding in the organization.

We can help you deliver innovative CIS solutions with our full range of services including strategic planning, project management, implementation, development, organization design, change management and operational support. We can implement packaged software and custom applications for your patient and provider needs including integration with your current environment.

A CIS has many inter-dependencies ranging from business processes to technical integration. Sierra is experienced in the detailed analysis and planning that is required to facilitate a smooth CIS deployment. This includes the activities required to ensure that sustainment structures are in place with access to the tools and information required to maintain the system. Sierra's Managed Services can provide these on-going operational services to ensure a continuity and consistency of care and maintenance that improve IT service levels or we can transition to your sustainment team.

## OUR SERVICES

Sierra Systems is proud to be one of the longest established health information management and technology consulting providers in Canada. Since our establishment in 1966, we have been delivering the benefits of information technology to clients in both the private and public sectors. We bring together excellent people, a willingness to work together and strong values to support our clients. Sierra's Health Practice is helping clients achieve new levels of accessibility, security, efficiency, and quality in their services and information technology solutions across the country.

In Canada, our health industry clients include public sector organizations, federal, provincial and territorial governments, health regions, hospitals, continuing care services, public health and mental health clinics. We also work with the private health sector such as private clinics, providers of specialty services (such as diagnostic imaging, laboratories, physiotherapy, and cardiology services) as well as third party insurers and plan administrators.

We help clients realize their vision through:

- **Strategy Development, Planning, and Evaluation** – we help clients create their visions, plan new solution deployments, and evaluate existing systems in place;

- **Project Management** – Sierra Systems leverages over 40 years of project management experience to successfully manage solution implementations;

- **Integrating Systems** – our team can integrate new solutions into your existing health information systems environment, using industry standard messaging and interfaces;

- **Change Management** – we help our client's staff adopt and adapt to new business processes, ensuring that new solutions are adopted and used to their maximum potential;

- **Systems Development** – Sierra Systems can custom develop a solution – in whole or in part. Or, we can provide technical and business expertise to implement package solutions from leading software vendors.

### Learn More

To learn more about how Sierra's Healthcare services can help you realize the benefits of Clinical Information Systems, contact us:

contact@sierrasystems.com
1-877-688-1371
sierrasystems.com