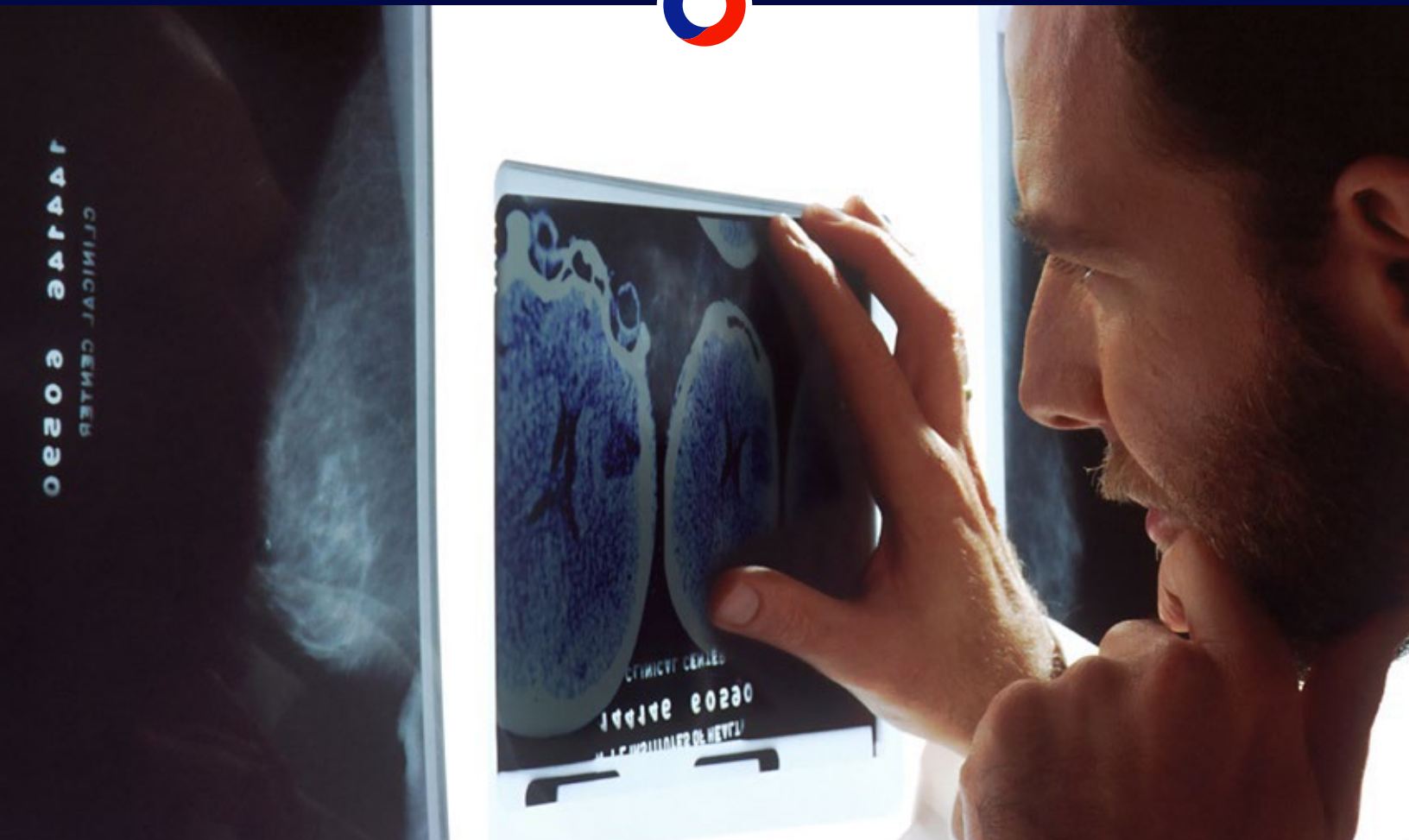


SERVING THE HEALTH SECTOR



Serving The Health Sector

The past few years have demonstrated the vital importance of our medical services technology infrastructure. It is complex, multi-level and subject to stress, and those like us who work to install new, or improve existing systems need to understand stringent specificities. Confidence in health services, flexibility, and adaptability to constant change are the direct benefits of our work in this sector.

Innovative technology and practices are key to health services in a world where increasing demand is being placed upon it. We work to put the very latest technology solutions to the service of our clients. Their own health depends on it.





Health Sector Knowledge

Cofomo has strong ties and a history of successful collaboration with the largest Canadian health sector companies in the development and implementation of innovative solutions designed to align business strategies with technology.

Cofomo's understanding of the challenges of this sector along with its numerous relevant successes make it an ideal partner for major healthcare service projects.

Here are the qualifications and skills Cofomo has to offer the health services sector:



13% of workforce



+13 years of experience



11% of annual revenues



Digital health record (DSN)



Medical imaging



Provincial CTI*

Clients

Cofomo's considerable involvement in the health sector bestows upon it an exceptional expertise that truly benefit clients. Over the past five years an average of 11% of Cofomo's revenues have come from its work in the health sector, a testament to its experience and expertise in this vital field. Indeed, the company has worked with major Canadian health service providers and associations.

Issues and Initiatives

From infrastructure to new technologies, the health sector is constantly shifting priorities, dealing with financial considerations, and delivering services to an aging demographic. New realities and changing global conditions are par for the course, as is the need to continually be increasing the efficiency of services to patients.

To overcome these challenges and ensure an efficient, reliable, and safe network, stakeholders are working together to drive innovation in the design and deployment of new technology. Some of the major initiatives include:

- Digital Health Record (DSN)
- Medical imaging
- Provincial Computer Processing Centre (CPC)
- Quebec Drug Information System (SQIM)
- Laboratory Information Management System (LIMS)

Expertise



Cofomo's consultants possess an extensive experience, and their profound understanding of major issues with the health services sector and this allows them to work efficiently, and quickly on major projects that empower health service organizations and helps them progress towards their objectives.

Here are some examples:

Digital Health Record



01 →

The implementation of a Digital Health Record (DSN) aims to provide Quebec with a next-gen, secure, and effective clinical information system that meets the needs of citizens, clinicians, managers, and researchers alike, but also those of other partners in the health and social services sector (SSSS).

EXPERTISE, MANAGEMENT, ANALYSIS AND SECURITY

A.

Acceleration of the DSN project

Reap the benefits of digital technology in healthcare as quickly as possible, in line with the government's Digital Transformation Strategy

B.

For stakeholders

Deploy tools for decision support, clinical documentation support, tracking of care and service trajectories, and implement a single record

C.

For citizens

Provide access not only to all their health information but also to tools that allow them to assess and monitor their health status

D.

Implementation of the DSN

Provide the province with a new generation secure and effective clinical information system

02 →

Medical Imaging

Medical imaging includes the means of acquisition and correction of images of the human body using an array of imaging techniques: X-rays, nuclear magnetic resonance, ultrasound, nuclear medicine, and certain optical imaging techniques like endoscopy.

EXPERTISE, MANAGEMENT AND OPTIMIZATION

A.

Information systems deployment

Neurology, picture archiving and communication system (PACS), radiology, dictation, cardiology, medical imaging, 3D treatment, orthopedic planning, dentistry

B.

Workflow analysis

Writing test plans, testing workflows and computer architecture of MXDS versions, creating, archiving and publishing DICOM and HL7 test data to the XDS registry, training, pre-production of RID1 and RID2

C.

Design of diagnostic imaging repository (DIR) work tools

Via script for DIR admin, creation of MXDS training documentation, SQL search on PACS and DIR databases, CQL search, MXDS Cassandra database

D.

Deployment of imaging systems (radiology, cardiology, respiratory physiology)

Radiology information system (RIS), Cardio, Cardiac Echo, video nystagmography, dictation, health document sharing (XDS) mediator

03



Provincial Computer Processing Centre (CTI)

This project involved the implementation of a provincial CTI consisting of three centrally managed hosting sites via a high-availability infrastructure able to host the Cristal-Net electronic health record (DCI) accessible to all Quebec health service institutions.

EXPERTISE, MANAGEMENT AND AGILITY

A.

Approach

Program management is favored as several concurrent projects are conducted in parallel by joint teams composed of experts from the Regional Service Centre (RSC) and Ministère de la Santé et des Services sociaux (MSSS)

B.

Implementation - integration

Given the flexibility of a software-defined data center (SDDC) architecture, it is possible to implement the infrastructure and related services for its progressive management

C.

Transition - change management

Is carried out throughout the project, in collaboration with the operating teams, by working in iterative mode on the implementation of various project recipes and processes

D.

Computer room

Hosting architecture for unified centralized solutions to meet an availability rate of 99.9%

ABOUT COFOMO

Established in 1995, Cofomo is a Canadian leader in information technology (IT) and business consulting services, which translates today into the acceleration of client companies' digital transformation.

Its solutions cover the full range of business needs, including strategy, innovation, agility, intelligence, security, and cloud computing.

Its unique expertise is delivered through flexible on-demand project and talent delivery models.

A team of over 3,000 professionals provides these services to large private and public sector organizations, mostly located in Eastern Canada. This team is supported by a high-performance, lean organization and a state-of-the-art digital ecosystem to communicate with clients, acquire and manage talents and projects, and deliver the full services of the new digital economy.



SPEAK WITH AN EXPERT TODAY



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