



Health Connect – converged networks all healthcare communication needs on one network

capitalize on convergence

Many new information technologies have been deployed within health systems in an effort to improve medical outcomes. To get the most value out of these technologies, healthcare organizations must have access to critical information from any location, at any time. Integration is vital. TELUS Converged Networks enables integration over a single network.

Our solution simplifies healthcare administration and ensures you stay connected with clinicians, patients and administrators. With quality of service, redundancy and security delivered over one network, you have continuous access to information at the point of care.

Converged Networks are part of the TELUS Health Connect solution family, which is designed to provide decision makers with the ability to improve medical outcomes. These solutions leverage TELUS' national capability and the inherent capacity of Internet technologies to be tailored to the needs of healthcare organizations. TELUS is the first communications company in North America to transform its traditional circuit-based infrastructure to a leading-edge IP network. Our Next Generation Network allows for the true convergence of data, voice, video, wireless and Internet on an integrated network platform.

meeting your health care service needs

Facilitate multidisciplinary Health Care Delivery. TELUS Converged Networks enable healthcare organizations to gain access to critical data anywhere, at anytime to enhance patient care. Always-on connectivity and new capabilities translate into real value:

Enable integration. Your organization can integrate processes and practices to optimize communication and patient care. Our single network integrates electronic health records, PACS (picture archiving and communication system), hospital information systems, telehealth, voice and instant messaging.

Ensure privacy. Privacy of patient and health care providers confidential information is a paramount concern within the public health system. TELUS has the only communications infrastructure in the industry that provides complete defence for your information, applications and services. Our fully embedded network-wide security comprises identity-authentication tools, firewalls, intrusion detection systems and self-healing capabilities to ensure your information always remains private.

Promote Accessibility. TELUS can provide a wireless business network that allows staff to stay connected and ensure access to critical information throughout your organization. By creating a logically separate and secure guest network, our industry-compliant, medically compatible infrastructure can be extended to the wider health community. TELUS can also provide fully managed wireless WAN networks in communities currently limited in high bandwidth connectivity.

Demonstrate accountability. With TELUS' Service Management Information System, administrators have an innovative technology-reporting tool that offers fast, easy access to service performance information on the network.

TELUS Health Connect infrastructure solutions provide the building blocks to manage costs, increase access to quality care, and focus on the needs of patients.

expertise in action

Fraser Health Authority is one of Canada's largest regional health authorities with over 20,000 employees in the Fraser Valley region of southwestern British Columbia. One of the authority's first initiatives was the integration of digital communications, and it turned to TELUS for help. Our job was to determine how to expand connectivity throughout the organization.

Our solution was convergence – combining Internet, voice, video and data services over a single IP connection. TELUS Converged Networks solutions enabled the Fraser Health Authority to implement PACS and extend telehealth videoconferencing. With this integrated framework as a foundation, the authority has since built out a number of vital information management projects.