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Sudbury Regional Hospital installs new data centre



SUDBURY, Ont. – A new, \$2-million IBM data centre is enabling clinicians at Sudbury Regional Hospital and its 13 regional healthcare affiliates to have secure access to patient information, lab results and medical images.

The new data centre improves security and control of information critical to the hospitals, and provides clinicians with more reliable access to information they need to make patient-care decisions. The new centre also ensures Sudbury has the capacity to add on additional hospitals' patient information systems in the future.

Two years ago, Sudbury Regional Hospital assessed its existing data centres and realized it could not meet the long-term needs of the region. IBM project-managed the engineering, design and construction of the fully contained 1,200 square-foot data centre as well as providing consulting services, servers and a 20-terabyte storage system.

“IBM did an outstanding job for us. The project was managed on spec, on time and on budget, all within a three-month window. Thanks to IBM’s commitment to customer satisfaction, IBM brought forward a team from all sectors including finance, engineering and project management to deliver as planned,” said Sudbury Regional Hospital CIO Gaston Roy (pictured above).

The data centre features multiple uninterrupted power supplies, air conditioning units, a fire suppression system and security monitoring, including badge access with close-circuit T.V. It even has its own sloped roof and eaves trough to guard against potential overhead leaks. IBM worked with a business partner, FM Engineering Services, on the project.

The new data centre is an integral step by Sudbury Regional Hospital to more efficiently and cost-effectively deliver health services to 600,000 residents. Hospitals in Kirkland Lake, Wawa, Timmins, Elliot Lake and several other communities are linked to the data centre as part of an initiative to drive efficiencies and create an integrated patient record throughout Northeastern Ontario.

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