



# Provincial RIS and PACS Project

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## FACT SHEET

### Vision

An integrated province-wide diagnostic imaging system that provides information, reports, and images electronically and no longer requires the use of film. This system will enable health care providers to access digital diagnostic images and reports from locations throughout Manitoba resulting in improved access to health care and contributing to improved health and well-being for Manitobans.

### The RIS and PACS diagnostic imaging solution

The Provincial RIS and PACS Project will deliver a provincial Radiology Information System (RIS) and a Picture Archiving Communication System (PACS) throughout Manitoba via a collaborative partnership of Manitoba Health, Winnipeg Regional Health Authority, Diagnostic Services of Manitoba, Brandon Regional Health Authority, Manitoba eHealth as well as funding partner, Canada Health Infoway.

Provincial RIS and PACS will integrate multiple diagnostic imaging modalities (X-ray, computed tomography, magnetic resonance imaging, ultrasound and nuclear medicine) and their associated workflows. This integration will allow provincial Diagnostic Imaging (DI) sites to transition to the next stage, an environment, where images can be transmitted, received and stored electronically with minimal use of film.

### Project scope

More than 50 sites are proposed to benefit from the rollout over the next year. The project includes the expansion of existing RIS and PACS systems in the Winnipeg Regional Health Authority and Brandon Regional Health Authority as well as the installation of new infrastructure at sites where no RIS or PACS previously existed. Diagnostic imaging equipment and IT infrastructure will be upgraded. A consolidated provincial diagnostic imaging repository will be created to store digital images and reports.

### Health-care benefits

The health and well-being of Manitobans is the primary focus of the RIS and PACS solution. RIS and PACS will optimize the use of imaging resources, eliminating the emphasis on where a test is performed, as test results can be shared amongst facilities.

#### Patient benefits

Improved toolsets, timely access to patients' relevant prior images and reports, and improved access to expertise will result in improved turn around times and the overall betterment of patient safety and quality of care. The Provincial RIS and PACS Project will facilitate enhanced access to imaging services for remote and rural sites.

#### Administrative benefits

The virtual elimination of film and a decrease in duplicate tests in diagnostic imaging areas will provide for more patients to be served. Streamlined work processes as well as electronic scheduling will improve management of DI resources. A leading edge working environment will contribute to the recruitment and retention of DI resources.

### A clear picture for the future of diagnostic imaging

The implementation of RIS and PACS will offer an innovative digital imaging solution that will lead to improved patient care and access to DI services. Your active participation and continued support will be instrumental to the successful implementation and realization of the RIS and PACS vision.