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PSCIOC Information-Sharing Template - February 2016

JURISDICTION: PRINCE EDWARD ISLAND		Contact
1. Accomplishments: Briefly highlight major IT/IM accomplishments, progress, and/or significant milestones achieved in your jurisdiction over the past 6 - 12 months.	Technology in Schools <ul style="list-style-type: none"> • 15 schools upgraded with network infrastructure in preparations for move to wireless environments. • 6 schools currently under construction in terms of additional wiring prior to wireless environment being implemented. • 15 schools to be ready for construction (LAN room, additional wiring, air conditioning) following tender approvals between now and March 31. <p>Conversion of 12 schools from Novel to W7/Active directory. During this conversion the schools received all new devices, application software, converted school information system from FoxPro to MSSQL and installed wireless system to give complete coverage throughout the school.</p>	Ed Malone emmalone@gov.pe.ca
	Website Renewal Project Project goal is to transform the existing Provincial website into a client-centered web and mobile service platform. To achieve this end, a new technical infrastructure and toolset will be introduced, including a modern content management system (Drupal), document management system (Alfresco) and search platform (Solr). As well, existing content will be reviewed, rewritten and reduced (80,000 pages down to a footprint of 20,000), resulting in improved information delivery and highlighted programs and services with the electronic means to access them. A soft launch is planned for Spring 2016 with additional content and services planned over the next three years.	Scott Cudmore fscudmore@gov.pe.ca
	Email Modernization The Government of Prince Edward Island (GPEI) completed a project to determine options for the modernization of its enterprise email system aimed at meeting current digital communication standards and positioning the system to meet future needs. The results indicated that GPEI should explore the conversion of Groupwise to On-Premise Microsoft Exchange.	Ed Malone emmalone@gov.pe.ca



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Due to the financial commitment of this project, GPEI has deferred this initiative for 2-3 years and now will invest in stabilizing GroupWise and the BlackBerry environment.

Windows 7 and Active Directory (AD)

Approximately 93% of all Core Government departments and agencies have been migrated to the new Active Directory domain. This includes upgrading the desktop hardware and/or software and network hardware and design with a completion date of March 31, 2016.

Wireless Zones

GPEI has made a significant investment in upgrading the wireless infrastructure across key sites in the Province. We have 3 zones of wireless connectivity. The zones are as follows: Business Wireless = Government issued devices with full access to the Government network; Internet Only = separate firewall and internet pipe, device neutral, managed by the local departments to grant access and if access to the Government network is required the user would need to use VPN; and Public Open = internet pipe supplied by the department.

Remote Patient Monitoring System – Health PEI

Patients with heart issues who meet the clinical criteria are monitored from home using the Remote Patient Monitoring System.

Telehealth Infrastructure Upgrades - Replaced outdated ISDN infrastructure to IP based cloud solution called Telemerge in four Acute Care facilities across PEI to aid Telehealth services such as the Telestroke Initiative for putting patients in touch with health professionals across PEI and out of province, regardless of where the patient is located. Along with using videoconferencing for patient consults, the equipment is also utilized for educational purposes and for meetings.

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Managed Print Solution

ITSS awarded an RFP for a full Managed Print Solution to Ricoh Canada. A Provincial assessment of all existing hardware and user requirements was completed. Recommendations were generated by Ricoh for a future fleet state for each site including proposed hardware, costing and print policy. Municipalities, Education and high volume printing sectors (print shops) which were initially out of scope have either already deployed Ricoh recommendations or are exploring the opportunity. Several key departments have been consulted and are at various stages of participation. To date, five percent of the provincial print fleet has been replaced, with an approximate average of a two-to-one consolidation ratio.

Policy & Document Management System (PDMS)

The PDMS will enable the organization to simplify and centralize the management and publication of policies, procedures, and clinical standards in a single web-based environment, thus supporting a *One Island Health System* approach. Policies will be stored in a central repository and accessed through a secure web portal. There will be an ability to categorize policies into manuals and libraries with sophisticated search capabilities to ensure that staff and physicians have access to the most up-to-date policies, procedures and standards.

Clarity Project

CA Clarity PPM is the tool used by ITSS to track projects and client requests. The system has been in place for five years, and a review of the functionality and processes has been conducted to keep the system in tune with departmental process changes and management expectations. As the ITSS model evolves and end users mature in the use of the Clarity application, our goal as a project is to ensure the Clarity application continues to meet the needs of the PMO, Application Management and Infrastructure sections. The Clarity application has been upgraded from 13.1 to 14.2, with the implementation of resource management workflow, processes and application portfolio management.

Atlantic Workforce Apprenticeship Agreement – PEI worked with NS, NB, NFLD and Labrador and MB to develop requirements, create the Request for Proposals, and evaluate proposals to make a recommendation of the winning solution to senior managers and Deputy Ministers of each province.

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	<p>VPN</p> <p>The overall mission of the VPN project is to deliver a single Enterprise VPN solution that is more robust, user-friendly and designed for performance, functionality and interoperability. GPEI has standardized on CheckPoint as an enterprise firewall and VPN solution. This solution will be used for filtering, security and VPN access. Implementation has been completed for the sectors of Health, Core Government and Education.</p>	<p>Ed Malone emmalone@gov.pe.ca</p>
<p>2. Priorities: Briefly describe what your organization sees as its top IT/IM priorities/initiatives over the next 12 to 36 months.</p>	<p>Technology in Schools</p> <p>This project represents the modernization of school sites addressing the following key initiatives:</p> <ul style="list-style-type: none"> • Upgrading of wiring, power and air conditioning • Replacement of Novell infrastructure with Microsoft (Active Directory), • Upgrade of computers/laptops • Implementation of tablet technology (ChromeBooks), • Upgrade of software interfaces (SAS, Google Applications), and • Wireless access in all schools sites which is centrally managed/monitored. <p>The project is targeted to be complete by December 2016.</p> <p>Active Directory and Windows 7 Implementation in schools: the project team will follow the Wireless Implementation - targeted to be complete by Spring 2017</p> <p>As part of the technology in schools initiative, a Digital Records Team comprised of curriculum and technical resources is developing policies and procedures to pilot a Bring Your Own Device Strategy for one senior high school in the Charlottetown area. Technical staff is developing the design based on the requirements of students having only one device active on the wireless infrastructure. These devices will be managed from a filtering process using the same methods as a Government issued device.</p> <p>The planning started in late January. Implementation timeframe for the pilot school is estimated to occur in early Spring 2016.</p>	<p>Ed Malone emmalone@gov.pe.ca</p>



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Windows 7 and Active Directory (AD)

Active Directory – The remaining two groups for Phase 3 will be migrated to the new Active Directory domain with desktops and networks upgraded by March 31, 2016. The Education Administrative groups will be migrated into the Academic domain and the Libraries into the Core Government domain. The AD team has started the planning work for Phase 4 of the project. This phase will see the migration of the Health domain into a new Government domain. The initial estimate is a completion date of January 31, 2018.

Intrusion Prevention System (IPS)

Over the next quarter, a new Intrusion Prevention System will be implemented for Government. In January 2016 an RFP for Managed Service Provision of the IPS and Services Required was issued and will be awarded sometime in February. Our target for the finalized implementation is Spring 2016.

Microsoft Server 2012 Upgrade and Server Consolidation

Migrate the Windows 2000 and Windows 2003 server operating systems to Windows 2012 operating system. Windows 2000 was no longer supported as of July 13, 2010. There are currently 21 servers with a Windows 2000 operating system. Windows 2003 is no longer supported as of July 14, 2015. There are currently 213 servers with a Windows 2003 operating system. Included in this project is the replacement of physical servers with virtual servers where possible, and also investigate consolidating applications/databases on servers, where possible.

Open Data Initiative

GPEI has embarked on an open data initiative that will see many new data sets released to the public. Over the next few months departments will be identifying internal data that can be transformed into open data and released. Our target for the public launch of this initiative is July 2016.

Picture Archiving & Communication System (PACS) Storage and Software Upgrades

The PACS is planned to be upgraded both at the infrastructure and application layer. This upgrade will occur in two phases:

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1. **Storage Area Network and Infrastructure Implementation**
2. **Application Upgrade**

The PACS environment will be upgraded to ensure continued vendor support, patient data is retained and protected, and will provide PACS users effective, secured remote access.

Lean Six Sigma Projects

ITSS has committed to conducting two Lean Six Sigma projects. One is to examine the software ordering process to identify potential improvements to expedite software delivery. The second is working on streamlining the information request process. Both projects are to be completed in May 2016.

Dictaphone Upgrade

Upgrade/migrate existing HPEI Dictaphone (transcription) (Nuance) system and hardware to a more modern voice recognition, transcription service that uses speech recognition software to turn clinician dictations into formatted draft documents. Health PEI anticipates transcriptionist productivity increase by up to 100% when compared with traditional transcription.

Corporate Registry Application

The Division of Consumer, Labor and Financial Services has proposed a new *Business Corporations Act*. The current system is mostly paper-based with an older Powerbuilder application supporting some online searching functionality. The Division has chosen to have a custom web application designed and built by the Application Development group. A new application will need to be implemented to support the new Act and allow business entities to conduct Registry business online.

IWMC New Application

Island Waste Management Corporation (IWMC) has two legacy systems that need replacing. One is a customer log application which is used to track contacts with the public. The other is a billing application. ITSS is working with IWMC to determine an appropriate solution to replace the two systems.

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PSCIOC
Public Sector Chief Information Officer Council
CDPISP
Conseil des DPI du secteur public



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	Business Intelligence In 2016-2017, ITSS will be embarking on a Business Intelligence foundational initiative to establish a platform that is capable of enterprise-wide data analytics including open data.	Carol Mayne camayne@gov.pe.ca
3. Issues and Needs: Briefly describe any issues you would like to share with the Council and what assistance you might be seeking from PSCIOC.	<p>PEI is interested in joint procurement opportunities, for example:</p> <p>Cellular Contract with Bell- Contract for cellular device voice, data and text plans for all of Government The contract is due to expire in August 2016. GPEI has the option to extend for two, 1 year terms. GPEI would like to determine if there are any opportunities for a joint procurement with other Atlantic provinces or options to leverage Federal Government pricing.</p> <p>Cisco Standing Offer with Bell The contract is expiring on February 29, 2016. Bell has been approached to consider an extension but has declined. Governments of PEI and NS are engaged in a joint procurement process with the goal to award a contract by April 1, 2016.</p>	<p>Ed Malone emmalone@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca</p>