

PSCIOC Information-Sharing Template – October 2017

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.	<u>Technology in Schools</u> This project represents the modernization of school sites addressing the following key initiatives: <ul style="list-style-type: none"> • Consolidation and upgrade of LAN rooms • Addition of power and air conditioning within each LAN room • Upgrading of data wiring throughout the schools in LAN and Wireless data drops • Replacement of Novell infrastructure with Microsoft Active Directory • Windows 7 Implementation • Replacement of computers/laptops • Implementation of tablet technology (ChromeBooks) • Upgrade of software interfaces (SAS, Google Applications) • Implementation of centrally managed and monitored wireless access in all schools Two (2) schools remain to be complete of 65 schools sites. Project end date is November 2017.	Ed Malone emmalone@gov.pe.ca
	<u>BYOD in Schools</u> A pilot for Bring Your Own Device (BYOD) occurred in one (1) senior high school in Charlottetown from November 7, 2016, to December 22, 2016. The design was based on students having only one (1) device active on the wireless infrastructure. These devices were managed from a web filtering process using the same methods as a Government issued device. A second pilot was completed as part of a summer school session for 120 students for the month of July.	Ed Malone emmalone@gov.pe.ca
	<u>RIM Strategy</u> A Records Information Management (RIM) Strategy was developed and released in the PEI Legislature in November 2016. It included updating legislation, report card reporting of each Department on their RIM progress, required employee training and the development of a pilot for an Electronic Document Management System (EDMS). The strategy supports updated legislation which was passed in the Legislature in the Spring of 2017.	Scott Cudmore fscudmore@gov.pe.ca
	<u>VPN Upgrade/Migration</u> The overall objective 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. Government of PEI (GPEI) has standardized on CheckPoint as an enterprise firewall and VPN solution. A Checkpoint VPN solution has been configured for Health as a similar replacement for their existing Juniper VPN. Initial testing started, and the implementation will proceed in 2017.	Ed Malone emmalone@gov.pe.ca

	<p><u>Managed Print Solution</u> The implementation of Managed Print for Ricoh Printers has been fully completed for one (1) Health Care Facility and is underway in a second facility. Several key departments have been consulted and are at various stages of participation. A replacement plan for devices in the department of Education and Early Childhood Development is underway.</p> <p><u>Website Renewal Project</u> The second phase to increase content, features and services continues. Prince Edward Island has chosen a Drupal multisite using Aegir to implement a number of defined website categories. As well, the Province will be proceeding with a plan to implement a microservices architecture for its web presence and digital transformation.</p> <p><u>Microsoft Server 2012 Upgrade and Server Consolidation</u> This project is intended to upgrade and consolidate Windows servers where possible. ITSS is currently developing the implementation plan for approximately 88 servers based on a priority of the server. The objective is to have all applications using a supported version of the Microsoft OS (2008, 2010 or 2012 R2).</p> <p><u>Intrusion Prevention System (IPS)</u> GPEI has engaged a vendor to complete the Intrusion Prevention System Implementation (IPSI) project and provide ongoing network and security intrusion monitoring services. The objective of the IPSI project is to design and implement a new Security Intrusion Prevention System (IPS) and associated managed services for the GPEI's Core, Health, and Education networks, and integrate the new IPS with the existing Network Monitoring Service. The project is being completed in three (3) phases in order to ensure the final deliverable provides the necessary level of detail in strategy, design, and implementation planning to ensure the most cost-effective and manageable solution for network operation monitoring and security for GPEI with limited risk. The IPS device and accompanying Logging/Reporting Analyzer have been installed on the Core Government network and Education network 'monitoring only'.</p> <p><u>One Client Service Model (OCSM) Upgrade to latest Version</u> OCSM application has been upgraded from Oracle Forms version 10.2 to 12.0. This included replacing 4 old physical servers with 4 new ones running latest software. Also, during the upgrade BI Publishing was purchased to replace the current version of report generator. This upgrade was completed in June 2017.</p> <p><u>Medigent Upgrade</u> This project took the current version of claim client from version 4.0 to 4.5.1. As well, it introduced a new interface (Pharmacy Shell) for Pharmacare to allow for a more streamlined process for managing programs, claims and special authorizations. The new framework will allow the addition of new modules in the future. The upgrade was completed in March 2017.</p>	<p>Ed Malone emmalone@gov.pe.ca</p> <p>Scott Cudmore fscudmore@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca</p> <p>Scott Cudmore fscudmore@gov.pe.ca Ed Malone emmalone@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p>
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	<p><u>Cerebro System</u> This is a specimen registry system for Histology and Anatomical/Pathology Lab at QEH. Identifying individual specimens with unique bar-codes significantly reduces the possibility of mis-match errors occurring, reducing re-tests and costs. The system interfaces with CIS (Cerner). Implemented in May 2017.</p> <p><u>Philips Remote Monitoring System for QEH Unit 5 (Pediatrics)</u> Philips solution has the capability to monitor patients' vital signs when in QEH Unit 5 (Pediatrics), including a wireless component (Samsung phones with nursing). Implemented in April 2017.</p> <p><u>Data Sharing - Home Energy Evaluations</u> The Efficiency PEI Office of Transportation, Infrastructure and Energy established a managed secure file transfer process to receive regular data updates on PEI home energy evaluations from the Office of Energy Efficiency Housing Division of Natural Resources Canada.</p> <p><u>VIN Pointer</u> The modernization of the Interprovincial Records Exchange is a strategic initiative of the Canadian Council of Motor Transport Administrators (CCMTA) that involves all Canadian jurisdictions. Prince Edward Island was the fifth province to implement the VIN Pointer enhancement to provide a more efficient VIN search to other jurisdictions.</p> <p><u>Pacemaker Management System for PCH and QEH</u> The intent was to implement PaceArt pacemaker and implantable cardioverter-defibrillator (ICD) management system to allow patient information to be stored electronically, and is accessible at all HPEI facilities. This will improve patient care by allowing clinicians to have more timely access to patient information and device data versus the current paper based system stored only at QEH, which is inefficient, labour intensive and prone to clerical errors. In addition, the software will automatically identify and manage manufacturers' recalls of pacemaker devices. Upgrade to the PaceArt Management system was completed in June 2017.</p>	<p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p>
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<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><u>Technology in Schools</u> As previously mentioned this project is scheduled to be completed in November 2017.</p> <p><u>BYOD in Schools</u> Education is determining its requests for BYOD based on costing and ability to support teachers in the classroom.</p> <p><u>Records Information Management/Electronic Document Management System</u> Alfresco is going to be piloted as an Electronic Document Management System for GPEI. This first year will be used to configure Alfresco to meet the requirements as outlined in the three (3) year Records Information Management Strategy. The pilot for this project will kick off in October.</p> <p><u>Windows 7 and Active Directory (AD)</u> The AD team is currently working through planning and pre-migration work for Phase 4 of the project. This phase will see the migration of the existing Health users, resources and data into a new Health domain from AD 2003 to AD 2012 R2. The estimated completion date is January 31, 2018</p> <p><u>GroupWise/BES Upgrade</u> The objective of the project is to upgrade to GroupWise 2014R2 and BES 12 environment as the Enterprise Mobility Management solution. Estimated completion date is October 2017. An MDM solution for “iproducts,” Cisco ISE (Identity Services Engine), and Meraki will be implemented this fall.</p> <p><u>Intrusion Prevention System (IPS)</u> In 2017, the Education network is planned to be implemented. The IPS/IDS appliances have been implemented in Core Government and Education environments. ITSS and the vendor are working with the IPS-IDS provider to review the environment prior to implementing in the Health environment.</p> <p><u>Microsoft Server 2012 Upgrade and Server Consolidation</u> At the end of this project, the goal is to have all applications using a supported version of the Microsoft OS (2008, 2010 or 2012 R2). A deadline of March 31, 2018, for all 95 servers has been established, which includes Health and Education servers.</p> <p><u>Clinical Information System - Remote Hosted Option</u> The CIS RHO initiative is responsible for planning and executing the migration of a locally hosted, vendor managed Cerner Millennium Suite of applications to Cerner remote hosted data centres in Ontario.</p>	<p>Ed Malone emmalone@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca</p> <p>Scott Cudmore fscudmore@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca</p> <p>Scott Cudmore fscudmore@gov.pe.ca Ed Malone emmalone@gov.pe.ca</p> <p>Ed Malone emmalone@gov.pe.ca Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p>
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	<p><u>Website Renewal Project - Phase II</u> The second phase of the GPEI Web Renewal Project is underway. The focus is on the migration of different categories of websites currently under the www.gov.pe.ca domain, and the expansion of online service delivery components. In doing so, this will allow GPEI to consolidate various website platforms into one (1) common content management system, and to increase the number of services delivered to the public. The work on this initiative will continue into the next fiscal year.</p> <p><u>Atlantic Canada Drivers License and ID Cards</u> PEI is working on a collaborative project with NS, NB, NFLD and Labrador to establish a new central issuance model for the delivery of driver license and ID cards. The vendor has been selected and the contract was signed in early 2017. The project is currently in progress with a tentative go live date of November 2017. The new system will incorporate advanced security features and provide facial recognition to prevent identity fraud. PEI will be developing a central image repository and batch system to integrate with the new solution.</p> <p><u>GIS-Enabled Asset Management for Communities</u> Infrastructure Secretariat has released an RFP seeking a vendor to supply an asset management solution for communities. In 2014, a new agreement was signed for the Gas Tax Fund between the Federal Government and the Province of PEI. In the agreement, the Province agreed that all municipalities would be practicing some form of asset management by March 31, 2018. The RFP process is still underway.</p> <p><u>Audiometer Testing</u> Transportation, Infrastructure and Energy, in cooperation with Occupational Health and Safety is implementing a new solution for mobile hearing units. The new system will allow for more accurate testing, better record keeping, and a more efficient process. The project is in the initiation stage.</p> <p><u>Island Waste Management Corporation</u> The Island Waste Management Corporation (IWMC) is responsible for the Waste Watch collection program on PEI. IWMC has started a project to replace two (2) legacy business systems providing customer service functionality and management of accounts and fees. The new solution will offer updated functionality, improved workflow and processes, and supported technical infrastructure. The project is in the initial planning phase.</p> <p><u>Court System</u> Justice and Public Safety's Division of Legal and Court Services has issued an RFP for a Needs Assessment for a Court Case Management System to include the three (3) courts (Provincial, Supreme and Court of Appeal) in criminal and civil proceedings. One area will focus on standardized functionality for all courts.</p>	<p>Scott Cudmore fscudmore@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p> <p>Carol Mayne camayne@gov.pe.ca</p>
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<p>3. <u>Issues and Needs:</u> Briefly describe any issues you would like to share with the Council and what assistance you might be seeking from PSCIOC.</p>	<p><u>Strategic Planning Approaches</u> How have other jurisdictions who have centralized IT, approached Strategic Planning and ensured employee engagement in the process?</p> <p><u>Client Satisfaction</u> How are other jurisdictions who have centralized IT, assessing Departmental Client Satisfaction and determining benchmarks?</p> <p><u>Data Analytics and Business Intelligence</u> What are provinces doing in the area of developing strategies to fully understand their current scope of data for integration and analysis?</p> <p><u>BYOD</u> What have other jurisdictions completed for schools in this area; specifically capacity settings, policies for uses, filtering/allowable activity, and any other requirements?</p> <p><u>Integration of Adjudication Systems between Departments?</u> What are the current primary systems in use, and are there past examples of cross departmental integration in other provinces?</p> <p><u>RIM</u> One area of concern would be electronic document systems and applying RIM guidelines, especially global systems that do not provide archiving or purging capabilities.</p> <p><u>Parliamentary Privilege and Centralized IT</u> How have other jurisdictions who have centralized IT and who support their Legislatures, addressed the issue of Parliamentary Privilege?</p>	
<p>4. <u>Planning for PSCIOC Meetings /Teleconferences:</u> Please identify topics of particular interest to your jurisdictions for future</p>	Data Analytics and Business Intelligence	

PSCIOC meetings /teleconferences. <i>(Please provide a brief description for each item.)</i>		
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