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PSCIOC Information-Sharing Template - February 2016

JURISDICTION: ONTARIO		Contact
1. Accomplishments: Briefly highlight major IT/IM accomplishments, progress, and/or significant milestones achieved in your jurisdiction over the past 6 - 12 months .		
	GONet Transition: The new Government of Ontario Network (GoNet) will enable the OPS with modernized telecommunications infrastructure, and is a foundational element of the multi-phased Telecom Services Modernization Strategy. The transition planning from our current network to the new network began with TELUS Communications on June 15th, 2015 with the primary focus to finalize the architecture and security plan.	Rocco Passero, Executive Lead, Infrastructure Technology Services (416) 326-3398 Rocco.Passero@ontario.ca
	OMAFRA Regulatory Enterprise Portal Expansion: The OMAFRA Regulatory Enterprise Platform (OREP) is an existing solution that implements key Ministry back office functions such as inspection and licensing. During 2015/16 OREP functionality has been expanded to include a full portal front-end, an industry-standard business process layer, and business data intelligence/analysis tools. The expanded OREP will be migrated to the Guelph Data Centre (GDC) in March 2016 to increase reliability, performance and security. This enhanced platform positions OMAFRA to quickly and efficiently meet a wide variety of their needs including collecting data from, and providing data to, external clients, as well as increased sharing and analysis of data across OMAFRA programs.	John DiMarco Chief Information Officer Land and Resources I+IT Cluster 416-326-6954 John.DiMarco@ontario.ca



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Modernization of Approvals Platform:

The 4th and final wave of the Modernization of Approvals (MofA) solution was completed and went live in March, 2015. The MofA platform maximizes opportunities for future cost savings/cost avoidance as a reusable/shared platform (infrastructure, support, and maintenance) leveraged across other OPS ministries and programs.

Functionality added in Wave 4 supports high-risk, complex environmental approvals. It includes complex workflow automation, automated communications and application tracking. This has enabled MOECC staff to focus on more high-risk environmental approvals while reducing paper storage requirements by an estimated 16,000 sq ft annually.

To better serve the public, the system now integrates with the Environmental Registry System to automatically post notices online for public access.

For Ontario business, the system has reduced approval times for low risk environmental approvals from months to minutes and generated savings of up to \$20,000 per application. These savings to businesses amount to \$30M over the last 4 years.

Currently, the MofA platform supports approvals for the Ministry of Natural Resources and Forestry (MNRF) as well as for Ministry of the Environment and Climate Change (MOECC).

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Recordkeeping [amendments](#) to Ontario's access to information legislation:

Amendments to the [Freedom of Information and Protection of Privacy Act](#) and the [Municipal Freedom of Information and Protection of Privacy Act](#) came into force on January 1, 2016 and were recommended by the former Information and Privacy Commissioner (IPC) of Ontario.

The amendments require that reasonable measures to preserve records be

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	<p>implemented in accordance with recordkeeping rules and legislation. In consultation with the IPC, Ontario has developed guidance resources to enable institutions subject to the legislation to implement the amendments.</p> <p>The amendments have been broadly communicated to the OPS, as part of a broader communications plan to make records management second nature and practiced by all staff.</p>	
	<p>Children & Youth Low Income Dental Integration:</p> <p>On January 1, 2016, the Ministry of Health and Long-Term Care integrated six oral health programs for children and youth involving 3 levels of government:</p> <ul style="list-style-type: none"> • 3 provincial ministries • Municipal Ontario Works offices and Public Health Units • Canada Revenue Agency (CRA). <p>A coherent set of eligibility and administrative services – called <i>Healthy Smiles Ontario</i> – was created on behalf of low income families, families on social assistance and participating dental program providers.</p> <p>To support the initiative, an online service was developed to provide applications to low income families and automate eligibility assessments. A third party program administrator was also brought in to integrate client enrolments and administer claims.</p>	<p>Lorelle Taylor, Chief Information Officer, Health Services Cluster (416) 314-1279 Lorelle.Taylor@ontario.ca</p>
	<p>Panorama:</p> <p>Panorama is a pan-Canadian interoperable information system that focuses on immunization coverage and vaccine distribution to control and prevent the spread of communicable diseases. Panorama's Immunization & Inventory Modules, which provide a single provincial repository of patient immunization records and vaccine information, have been successfully deployed across Ontario.</p> <p>Panorama contains 100% of records for school-aged children in Ontario for mandated immunizations. This achievement is a significant stride forward in having a complete provincial immunization registry for all immunizations for all Ontarians.</p>	<p>Lorelle Taylor, Chief Information Officer, Health Services Cluster (416) 314-1279 Lorelle.Taylor@ontario.ca</p>



	<p>With support from Canada Health Infoway and Public Health Agency of Canada, immunization data standards have been established in Ontario. These internationally-based SNOMED-CT standards are essential to future work with respect to integration with other providers of immunizations such as physicians.</p> <p>The ministry was able to demonstrate the ability to link an immunization record from Panorama with a provincial clinical viewer using HL7-FHIR messaging standards. This work demonstrates of the ability of immunization data from Panorama to integrate with other health provider's systems.</p> <p>The ministry successfully piloted a mobile solution for immunization clinic workflow using iPad devices in 6 Public Health Units. This solution was well received by the nurses and considered a tool that will save considerable time and enhance their ability to assess immunization status. During the same period, a pilot was also successfully conducted for enhanced analytical reporting against immunization and inventory data stored in in the Panorama database. This data was seen as a valuable source for vaccine coverage reporting and vaccine ordering patterns and wastage.</p>	
	<p>Online submission of Ontario Colleges' financial actuals, budget and forecasts:</p> <p>The Ministry of Training, Colleges and Universities successfully completed the modernized data collection application, Colleges Financial Information System (CFIS) that allows the colleges to submit financial actuals, budget and forecasts through an integrated web-based application replacing current manual processes and a legacy application.</p> <p>The external facing application went live for the colleges on November 16 and work is progressing on the reporting and consolidation modules for the final rollout in March. Feedback from the colleges has been very positive so far.</p>	<p>Soussan Tabari, Chief Information Officer, Community Services I+IT Cluster (416) 326-8216 Soussan.Tabari@Ontario.ca</p>



	<p>A common, robust grant management solution for Ontario government:</p> <p>A robust grant management solution, Grants Ontario, has been successfully used for multiple ministries and programs. With five ministries, more than 120+ programs, 350 internal and approximately 6500 external clients, this horizontal solution brings consistency to grant management processes through the use of a common reference model.</p> <p>Grants Ontario has now been approved for use by all ministries in the Ontario government, and is expected to further strengthen consistency and data-sharing abilities across the enterprise.</p>	<p>Soussan Tabari, Chief Information Officer, Community Services I+IT Cluster (416) 326-8216 Soussan.Tabari@Ontario.ca</p>
	<p>Enterprise Architecture (EA) Modernization Implementation:</p> <p>The I+IT Governance and EA Review was initiated to assess EA services, practices and processes to enhance the value-contribution of EA and to better enable and support OPS I&IT transformation and program objectives.</p> <p>Recommendations were made covering modernization of enterprise architecture and related services including the use of best practices and methodologies, performance metrics and people/change management.</p> <p>The multi-year initiative is now proceeding with an approved implementation plan to rollout the program enterprise-wide.</p>	<p>Fred Pitt, Corporate Chief Strategist, I+IT Strategy and Cyber Security, Office of the Corporate Chief Information Officer (416) 212-1624 Fred.Pitt@ontario.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>ITS Service Modernization / Evolution:</p> <p>Priorities will include evolution in the maturity of ITS data, analytics, insight of services, and evidence-based decision making. GOnet implementation and ongoing maturity and evolution of the Assistive Technology Support Service launched April 2014.</p>	<p>Rocco Passero, Executive Lead, Infrastructure Technology Services (416) 326-3398 Rocco.Passero@ontario.ca</p>



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	<p>Hosting / Cloud Strategy:</p> <p>ITS will release a new multi-year hosting strategy in Q4, 2015/16, with a stronger focus on cloud computing. The strategy will incorporate learnings from our public cloud service use, recent industry trends coupled with our security and privacy concerns.</p>	<p>Rocco Passero, Executive Lead, Infrastructure Technology Services (416) 326-3398 Rocco.Passero@ontario.ca</p>
	<p>Unified Communication and Collaboration (UCC):</p> <p>Planning for replacement of aging legacy telecommunications voice services used by the Ontario Public Service is underway.</p> <p>The Modernized Voice Service (MVS) will provide ministry clients with the ability to replace and/or affect all of the current disparate legacy service components by converging them onto, or integrating them with, a single service offering that includes a modern feature set.</p>	<p>Rocco Passero, Executive Lead, Infrastructure Technology Services (416) 326-3398 Rocco.Passero@ontario.ca</p>
	<p>MNDM Mining Act Modernization</p> <p>To support a vibrant Ontario minerals industry, the Ontario Government proposed further changes to the Mining Act in December 2015. These proposed changes, informed by over 50 consultation sessions with a complex industry stakeholder group, Aboriginal communities and the public, will transform Ontario's exploration industry.</p> <p>To support this significant business transformation, new internal business processes are being developed (completion targeted for March, 2016) and incorporated into the design of the new integrated on-line Mining Land Administration System.</p> <p>During 2016 and 2017, the priority will be to complete and rollout the integrated, on-line Mining Land Administration System. The new system, based on a Commercial Off-The-Shelf (COTS) solution by Pacific GeoTech Systems Limited, will:</p> <ul style="list-style-type: none"> • provide 24x7 electronic staking of claims on 70 million hectares of Crown-land; • maintain information on approximately 275,000 existing mining claim units; 	<p>John DiMarco Chief Information Officer Land and Resources I+IT Cluster 416-326-6954 John.DiMarco@ontario.ca</p>



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	<ul style="list-style-type: none"> • provide awareness training to Ontario's approximately 3700 prospectors and other interested parties; and • notify over 140 First Nations and Métis communities across Ontario of prospectors' staking and exploration activities on their traditional lands. 	
	<p>MNRF Revenue Modernization:</p> <p>In support of government objectives to modernize the Ontario Public Service and contribute toward the Ministry of Natural Resources & Forestry (MNRF)'s overall Transformation Plan, MNRF has embarked upon a Revenue Modernization program to enhance the efficiency and effectiveness of a) operational business functions and processes, b) revenue management business processes/practices, and c) the technology solutions that support them.</p>	<p>John DiMarco Chief Information Officer Land and Resources I+IT Cluster 416-326-6954 John.DiMarco@ontario.ca</p>
	<p>MOECC Compliance Modernization Initiative via Modern Regulator Approach:</p> <p>The Ministry of the Environment and Climate Changes has begun an effort to modernize compliance activities which encompass approvals, inspections, enforcement, outreach and monitoring. The Ministry will address regulatory and red-tape reduction goals to improve the efficiency and effectiveness for the OPS and stakeholders without compromising the core mandate of environmental stewardship.</p> <p>The purpose of the Compliance Modernization Initiative is to develop a ministry blueprint to guide an ongoing approach to modernizing compliance design and delivery. Priorities over the next two years include:</p> <ul style="list-style-type: none"> • understanding the environmental permissions that are being issued to support compliance monitoring; • integrating environmental permissions data from all sources across the Ministry into a central authoritative database; and • prototyping business analytics capabilities, to use the integrated permissions data and other datasets to demonstrate to ministry leaders and staff the art of the possible for ad-hoc analytics to support MOECC's compliance program. 	<p>John DiMarco Chief Information Officer Land and Resources I+IT Cluster 416-326-6954 John.DiMarco@ontario.ca</p>



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	<p>Develop integrated, patient-centered health services through the use of cost-effective digital channels, providing convenient access to online services regardless of time or access method for our health clients and business partners.</p> <p>As an example, the ministry will looking to extend Panorama’s functionality to:</p> <ul style="list-style-type: none"> • interoperate with other health providers such as physicians and pharmacists, including work on an immunization reporting portal and electronic medical record integration using innovative technology such as barcoding/QR codes and mobile applications • provide immunization status and reminders to the public • extend Panorama to First Nation communities. <p>Create new insights and improved health outcomes based on the analysis of the Ministry of Health and Long-Term Care’s vast health data and information assets to realize value to the ministry, health partners, researchers and citizens.</p>	<p>Lorelle Taylor, Chief Information Officer, Health Services Cluster (416) 314-1279 lorelle.taylor@ontario.ca</p>
	<p>Child Protection Information Network (CPIN):</p> <p>CPIN provides common case management, financial management, document / records management and reporting functionalities across the child welfare sector. CPIN has been deployed successfully at five children’s aid societies (CASs) and preparations are underway to deploy it across remaining agencies by fiscal 2019-20.</p> <p>The project team is currently working with 6 sites targeted for deployment at the end of this fiscal and plans are in place to deploy CPIN to 10 CASs next fiscal, leveraging knowledge gained from prior successful implementations.</p>	<p>Kevin Byrnes, Chief Information Officer, Children, Youth and Social Services I+IT Cluster (416) 326-4330 Kevin.Byrnes@Ontario.ca</p>
	<p>Extending Evidence-Based Decision Support:</p> <p>In 2015 an analytics sandbox has been successfully set up for the Ministry of Training, Colleges and Universities to enable evidence-based decision-making.</p> <p>Over the next year to year and a half, the use of this sandbox will be extended to the Ministries of Citizenship, Immigration and International Trade (MCIIT), Tourism,</p>	<p>Soussan Tabari, Chief Information Officer, Community Services I+IT Cluster (416) 326-8216 Soussan.Tabari@Ontario.ca</p>



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	<p>Culture and Sport (MTCS), and Municipal Affairs and Housing (MMAH) to enhance their analytics capacity. For instance, MCIIT will be looking for opportunities to link citizenship and immigration data with labour market information, MTCS will aim to improve analysis and return on investment, and MMAH will target sourcing data to generate more insights on social housing and homelessness.</p>	
	<p>Digital Identity:</p> <p>ServiceOntario and Government Services Integration Cluster with support from other partners within I+IT are developing a business case for public facing Digital Identity in Ontario. This initiative enables the delivery of digital government priorities and supports development of the broader digital economy.</p>	<p>Robert Devries, Chief Information Officer, Government Services Integration Cluster (416) 327-2561 Robert.Devries@Ontario.ca</p> <p>Fred Pitt, Corporate Chief Strategist, I+IT Strategy and Cyber Security, Office of the Corporate Chief Information Officer (416) 212-1624 Fred.Pitt@ontario.ca</p>
	<p>Workforce Information Network (WIN) Renewal:</p> <p>WIN is a critical Enterprise Resource Planning (ERP) system that uses the Oracle PeopleSoft (PS) application. It is currently used to: manage corporate payroll and benefits administration for all OPS employees.</p> <p>The WIN Renewal Project will upgrade WIN from PeopleSoft v9.0 to v9.2 and will deliver:</p> <ul style="list-style-type: none"> • A current version of the application with on-going vendor support • Compliance with legal, regulatory and other external requirements • An application that meets the standard required by the Accessibility for Ontarians with Disabilities Act (AODA) (which must be met by 2020). 	<p>Robert Devries, Chief Information Officer, Government Services Integration Cluster (416) 327-2561 Robert.Devries@Ontario.ca</p> <p>Adam Mazer, Head, Enterprise HR Systems, Government Services Integration Cluster (416) 327-9210 Adam.mazer@ontario.ca</p>
<p>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>		



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There is a growing need to investigate opportunities for cost savings to the existing Panorama solution across all jurisdictions such as:

- A common infrastructure hosted by one jurisdiction (the total cost to operate and support the implemented Panorama solutions across the 5 provinces and one territory is approximately \$50M/year – approximately \$20M of this is Ontario's cost)
- Jurisdictional consortium model for supporting the Panorama software (currently, IBM receives \$8.7M/year to support the Panorama software)
- Need to provide safe and secure client identification across government programs to ensure appropriate security and privacy protection (e.g., to enable client benefit validation with CRA).
- Need to enforce common immunization schedules, terminology and use of messaging and data standards to meet current and future data sharing (**adoption of HL7V3 as the messaging standard has been problematic** in the industry and as such we have had to revisit this approach for integration with other electronic health records).
- Need to enforce use of vaccine bar coding standards across all packaging (i.e., vials, boxes) as part of the federal bulk procurement contracts with vendors.

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