

PSCIOC Information-Sharing Template – February 2018

Information Sharing was prepared for the PSCIOC Meeting of February 2018 and not to be shared outside of the Council.

JURISDICTION: British Columbia	TOPIC:	CONTACT
1. Accomplishments: Briefly highlight major IT/IM accomplishments, progress, and/or significant milestones achieved in your jurisdiction over the past 6 - 12 months.	BC Government Cloud Services <ul style="list-style-type: none"> • Establishment of a contract for Salesforce Canadian Data Centre Services in accordance with provincial legislation and government policies related to privacy and security. • Completed the design, production and online publication of the cloud strategy for B.C. government. • Enabled existing order management platform to manage cloud subscription services. • Completed the design of the CloudBC Knowledge Centre; ready for roll-out. • Developed the Cloud Security Framework for contracting for cloud services. • Developed the first draft of the Cloud Privacy Protection Schedule for contracting for cloud services for Personally Identifiable Information. 	Stephen Gordon
	Network Communication and Collaboration Services <ul style="list-style-type: none"> • Network Modernization - By March 2018 all 1,600+ government offices across the province will be on next generation enterprise network, improving speed, reliability and security to government applications and services. • Voice Modernization – As of January 2018 we have transitioned over 10,000 legacy voice users to use Microsoft Unified Communication (on premises) technology to enhance communication with government workers and to citizens. 	Colin Coughlin

	<ul style="list-style-type: none"> • Workplace – Planning underway to expand Wi-Fi (wireless) coverage to all government offices across the Province to create a mobile workplace. • Office Productivity Services – Implementation of Microsoft Exchange Online Protection and upgrade of Microsoft Exchange, Lync and SharePoint to 2016 (on premises) to provide the latest features and functionality and be ready to adopt Office 365 Cloud Services in the future. 	
	<p>BC Developers' Exchange</p> <ul style="list-style-type: none"> • Continuous Service Improvement Lab (CSI Lab) continues: <ul style="list-style-type: none"> • -- NEW! Ground Water Wells - https://apps.nrs.gov.bc.ca/gwells/ • -- NEW! Ground Nutrient Management - https://agri-nmp-prod.pathfinder.gov.bc.ca/ • Intake for next wave of teams is underway <ul style="list-style-type: none"> -- Medical Service Plan Enrollment https://my.gov.bc.ca/msp/application -- Medical Service Plan Premiums Assistance https://my.gov.bc.ca/msp/assistance/prepare -- Self-Represented Divorce https://justice.gov.bc.ca/divorce -- Environmental Assessment Office https://projects.eao.gov.bc.ca/ -- Mines Transparency http://mines.nrs.gov.bc.ca/ -- Commercial Vehicle Safety: School Bus Inspection Tracking (not a public facing system) https://bcdevexchange.org/projects/prj-school-bus-inspection-system-replacement-project • Province has released the code for all of these systems, and several more, under open source Apache 2.0 license at the Province's GitHub account: https://github.com/bcgov • Increased contract limit to \$30k for https://BCDevExchange.org Code-With-Us micro-procurement feature. Conducted 6 open source based software development opportunities: https://bcdevexchange.org/opportunities 	Peter Watkins

	<ul style="list-style-type: none"> • Initiated the design of a digitized service for rapid procurement and contracting of vendor supplied agile teams. Working title is “Sprint with Us”. Consideration is being given for imposing a limit on contract amounts and terms (such as \$2m and 24months). Aim is to dramatically simplify the process for vendors and government program areas, level the playing field for small, medium and large vendors, and modernize the requested capabilities to enable agile development models and help vendors build marketable skills. • Expanded the number of teams participating in the BC Government DevOps community. Initiated the shared development of automated tool chains and pipelines for continuous deployment and automated testing, • Started an Enterprise Mobile App Pathfinder initiative to gain experience with and inform BC Government direction for mobile application development and deployment using two program areas that need mobile (smart phone) applications: Enterprise Controlled Photo Capture, and Crown Land Range • Created working proof of concept for blockchain enabled verified digital identity information for registered corporations; working title is “The OrgBook”, and a companion concept app for leveraging verified organization information for digital permits and licences. 	
	<p>BC Services Card Program</p> <ul style="list-style-type: none"> • Conduct policy analysis and research on gender designation on the BC Services Card and determining how we can best serve British Columbians in how we collect, use and disclose personal information such as gender. • Continue engaging with the Ministry of Health regarding a proof of concept for a health onboarding opportunity. • Continue working with BC Services Card Program partners – the Ministry of Health and ICBC – to complete card issuance to all eligible BC residents by February 2018. • Transition from BCSC as a project to BCSC as a Program 	Sophia Howse

	<ul style="list-style-type: none"> • Continue to co- lead the Pan Canadian Identity Management key priority for Joint Council • Continue to be an active contributor to the Pan-Canadian Identity Trust Framework work • Continue to work with government and broader public sector clients regarding potential opportunities to expand use of the BC Services Card • Continue to work on a mobile app enhancements to make it easier to use the Card online. • Death Notification: Analysis work continues on how to use the BC Services Card to improve the experience for next of kin submitting and organizations receiving death notifications. • Explore how to integrate with evolving digital ID solutions in the marketplace. • Continue to support a consistent and quality user experience by providing the underlying tools for citizens and businesses to access government services on a digital platform. For example, a corporate service where a business owner would have a single point of access for its major business transactions with government. 	
	<p>OCIO Strategy</p> <ul style="list-style-type: none"> • April 2017: Publication of the Year 1 Report Card results for the OCIO Strategy 2016, and publication of the Year 2 commitments. • October 2017: Published two of the five technology pillar strategies: Cloud strategy and Mobility strategy. Cloud strategy focuses on managed adoption of cloud, and mobility strategy focuses on maximizing mobility to enable digital government. 	Niki Sedmak

	Information Security <ul style="list-style-type: none"> • Implemented “Defensible Security for Public Sector Organizations” in several ministries with remaining to be completed shortly. • Re-invented the Security Threat and Risk Assessment (STRA) process to increase the volume, quality, and decrease the time spent on STRAs. • Established robust foreign travel process to address threats to personnel, networks, systems, and data posed by overseas travellers. • Completed cloud security schedule to ensure cloud security providers are performing adequate security to protect the data entrusted to them • Developed annual security course and launched September 2017. • Held very successful Security Day one-day conference focused on “Defensible Security” and achieving hygiene and compliance level security capabilities. • Maintained PCI Compliance for government infrastructure supporting credit card payments. 	Gary Perkins
	Privacy <p>The province received positive commentary from the OIPC on a Privacy Impact Assessment (PIA) of the Microsoft Exchange and SharePoint online components of it’s Office 365 service. Microsoft will provide a supported configuration that has been adapted to meet BC’s unique privacy legislation.</p>	Derek Rutherford
	Connecting BC <p>Expansion of High-Speed Internet in Rural and Remote B.C.</p> <ul style="list-style-type: none"> • The Connecting British Columbia program is a multi-year, province-wide program designed to help expand and enhance rural high-speed Internet connectivity in B.C. 	Susan Stanford

	<ul style="list-style-type: none"> ○ Phase 1 invested \$10M in provincial funding to improve local connectivity infrastructure. Over 200 B.C. communities and more than 40,000 households will benefit from improved connectivity. ○ Phase 2 committed an additional \$40M in provincial funding toward transport telecommunications networks and also local infrastructure. To date, the program has received 24 unique applications currently under review and positioned to leverage funding the federal Connect to Innovate program. 	
	<p>Strategic Partnerships OFFICE SPO</p> <p>The Strategic Partnerships Office (SPO) has continued to focus on developing its internal skills and expertise and extending strategic deal management knowledge across core government over the last year. SPO has directly supported approximately 7 deals/initiatives through key deal lifecycle stages in the past six months, including work in support of the Workplace Technology Services, Facilities Management and Service BC Contact Centre procurement projects.</p> <p>SPO extended its critical readiness strategy to develop internal staff skills, knowledge and expertise in critical deal management areas. In support of capacity building, at the deal level, SPO provided a total of 1,184 training hours by the Centre for Outsourcing Research and Education (CORE) for approximately 74 individuals. Nine executives from across core-government and the BPS attended a one-day ADM-level course on outsourcing best practices and trends. Additionally, SPO provided two 2-day courses on Advanced Negotiations. Thirty-six individuals attended these two courses.</p> <p>Across the portfolio, SPO conducted a skills assessment on eleven contract offices to capture the level of experience against a catalogue of forty-two key skill areas.</p>	Bobbi Sadler

	<p>IMIT Capital Investment</p> <ul style="list-style-type: none"> • Completed the first full intake cycle following the implementation of Copperleaf's C55 Asset Investment and Portfolio Management system. Existing planning process and templates have been moved into C55 so ministries only need to enter information once. This change will help to better capture decisions and information to support the management of the IT capital portfolio across the application/investment lifecycle and over multiple years. • Refreshed the application information within C55 to help better understand the condition of and maintain existing applications. • Strengthen data analytics to assess the application inventory and attributes associated with government's current applications across government. • Begin engagement and planning for application rationalization as part of next IT capital planning process based on updated data in C55. • Under the guidance of an executive steering committee, working with ministries and the BC Public Service Agency, socialize the new standardized job profiles for senior IT leaders, including ministry CIOs, and establish talent management and succession management strategies. • Enhance talent management and support corporate succession management, while improving project management in ministries, by piloting an IT portfolio project management office approach to group smaller IT-enabled business projects together and manage them as one portfolio. • Standardize IT-enabled project leadership development and mentoring approach across government building on the recent successful pilot. • Pilot and socialize the completed IM/IT project governance, management, and assurance (audit) framework across inflight projects. Work with ministries to incorporate framework into their standard practices, supported through training on industry recognized methodologies, to improve project governance and audit preparation. Implement the use of the framework for new projects. 	<p>Corinne Timmerman</p>
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	<ul style="list-style-type: none"> BC Tech Association 2017 Technology Impact Award winner in Adoption of Technology along with Cooperleaf. The award recognizes a solution that has significantly improved the productivity, competitiveness, or probability of the customer's organization 	
	<p>Digital Services</p> <p>BC is putting a focus on personalization as part of the next generation of www.gov.bc.ca. This personalized digital experience will allow Government websites and apps to tailor what services are presented to people, and present guided pathways to services, based on what British Columbians decide to share. This experience will allow Government to notify people about changes to the status of their application, or the timing of when a cheque might arrive as well as access to service experts when and how they need it. Our approach will also significantly reducing the time, cost and risk of improving services using digital-age methods and technologies. To support this work we are:</p> <ul style="list-style-type: none"> Developing a service inventory that will inform decision making about what services should be prioritized for 'personalization', and assess costs and ROI. Creating pilot projects that help us understand what is required to be successful in digitizing services, and build internal capacity Creating a digital services toolkit that includes building blocks that can be re-used to develop personal digital services, and streamline digital service improvement. Leveraging the Continuous Service Improvement (CSI) Lab – an Innovation catalyst project where traditional thinking is interrupted, risk aversion is balanced with experimentation and programs are looked at in new ways. To date, more than 15 different projects and programs have worked in the CSI Lab, developing a range of products that improve service and contribute to the digital toolkit. 	David Hume

Summary of Changes

- Change 1 Niki Sedmak OCIO Strategy updated

	<ul style="list-style-type: none"> • Leveraging the opportunity to replace our existing web analytics toolset with a more powerful data analytics toolset that allows us to measure the entire service journey across touchpoints like phone, web and face to face. 	
	<p>Services to Business</p> <p>Applying agile methodologies to build a seamless, simple service experience for businesses. The overall outcome is significant business and operational efficiency, citizen experience improvement including improving the relationship between government and citizens leveraging the following initiatives:</p> <ul style="list-style-type: none"> • <u>Launch of a new Societies Act</u> – driven by legislative changes, the project transformed the application and management for Societies in BC leveraging evidence-based, citizen-centric service design and a comprehensive change management program to assist societies in transitioning to the new Act. • <u>Blockchain</u> – In late 2016 Service BC, the CIO's office, IBM and the Digital Identity and Authentication Council of Canada worked collaboratively to create a proof of concept (POC) to test the sharing of data using blockchain technology 	Bev Dicks/Carol Prest
<p>2. <u>Priorities:</u> Briefly describe what your organization sees as its top IT/IM priorities/initiatives over the next 12 to 36 months.</p>	<p>BC Government Cloud Services</p> <ul style="list-style-type: none"> • Renew CloudBC operating plan to reflect the transition of CloudBC under the Provincial government. • Roll-out the CloudBC Knowledge Centre: a platform to facilitate collaboration and knowledge sharing across B.C. public sector entities. • Salesforce platform implementation for Canadian Data Centre services. 	Stephen Gordon
	<p>Information Security</p> <ul style="list-style-type: none"> • Complete rollout of “Defensible Security for Public Sector Organizations” program within core government. • Develop Corporate Supply Agreement for security services that are available to every public sector organization in BC (~2,400). 	Gary Perkins

	<ul style="list-style-type: none"> • Implement Multifactor Authentication to ensure networks, systems, and data remain protected. • Complete launch of annual security course and ensure 100% of public sector employees enroll and complete it. • Deploy Malware Visibility capability to decrypt and inspect encrypted traffic • Continued focus on key security imperatives enabling us to mitigate risk from increasing cybersecurity threats. Shift from previous imperatives of cybersecurity resilience, context-aware protection of data, and asset and incident management to defensible security, developing and retaining top talent, and operational excellence. • Investigate the appropriate role for BC Government can play with raising the water level across all public sector organizations in the province. 	
	<p>Microsoft O365</p> <ul style="list-style-type: none"> • Complete pilot of Office365 in government, focusing on Email Filtering, SharePoint and One-Drive. • Plan to transition to the Microsoft Exchange Online Protection (EOP) and Skype Meeting Broadcast. • Strategy and Planning for adoption of O365 online services • Complete business case and obtain treasury board mandate to negotiate a contract with Microsoft to enable full-scale adoption of next generation of office for the province based on the Office365 cloud services. 	Derek Rutherford

	<p>Architecture and Standards</p> <ul style="list-style-type: none"> • Increase the adoption of Enterprise Business Architecture for IT investment planning, including IT deal alignment and Information Management Transformation. • Create reference architectures and technology roadmaps for cloud adoption for next generation office productivity tools (e.g. O365) and application platforms (e.g. Azure and AWS). 	Derek Rutherford
	<p>BC Developers Exchange</p> <p>The team is working using agile/scrum and is using a set of openly viewable Kanban boards to track and manage the sprint activity and backlogs: https://trello.com/devex2</p> <ol style="list-style-type: none"> 1. Graduate teams/projects from the Continuous Service Improvement Lab and invite new teams/projects in. 2. Design, develop, and launch release 1 for a “Sprint With Us” capability that enables fast, simple procurement and contracting of small “headless” agile teams to be supplied to government by vendors. 3. Release a set of DevOps pipelines/tool chains to accompany the production container platform that will speed the start-up cycle and continuous integration/deployment for new software projects. To accelerate the teams even more, these pipelines will be endorsed by the Government Chief Security Officer and the Government CIO. Key features will include a series of advanced security capabilities for automatic detection and response to application code based vulnerabilities. 4. Conduct a new Pathfinder initiative to learn what directions government should take with enterprise mobile application development/deployment using 	Peter Watkins

	<p>a set of early adopter projects and a range of candidate software stacks, tool chains, and application architectures.</p> <p>5. Design improved model(s) for hiring new employees, staffing, training, and sustaining, continuous service improvement teams (aka agile teams).</p> <p>6. Initiate proof of concept work for Blockchain enabled services to enable digital identity information for verified organizations, persons and affiliations.</p>	
	<p>BC Services Card Program</p> <ul style="list-style-type: none"> • Conduct policy analysis and research on gender designation on the BC Services Card and determining how we can best serve British Columbians in how we collect, use and disclose personal information such as gender. • Continue engaging with the Ministry of Health regarding a proof of concept for a health onboarding opportunity. • Continue working with BC Services Card Program partners – the Ministry of Health and ICBC – to complete card issuance to all eligible BC residents by February 2018. • Transition from BCSC as a project to BCSC as a Program • Continue to co- lead the Pan Canadian Identity Management key priority for Joint Council • Continue to be an active contributor to the Pan-Canadian Identity Trust Framework work • Continue to work with government and broader public sector clients regarding potential opportunities to expand use of the BC Services Card • Continue to work on a mobile app enhancements to make it easier to use the Card online. 	<p>Sophia Howse</p>

	<ul style="list-style-type: none"> • Death Notification: Analysis work continues on how to use the BC Services Card to improve the experience for next of kin submitting and organizations receiving death notifications. • Explore how to integrate with evolving digital ID solutions in the marketplace. • Continue to support a consistent and quality user experience by providing the underlying tools for citizens and businesses to access government services on a digital platform. For example, a corporate service where a business owner would have a single point of access for its major business transactions with government. 	
	<p>Information Security</p> <ul style="list-style-type: none"> • Complete rollout of “Defensible Security for Public Sector Organizations” program within core government. • Develop Corporate Supply Agreement for security services that is available to every public sector organization in BC (~2,400). • Implement Multifactor Authentication to ensure networks, systems, and data remain protected. • Complete launch of annual security course and ensure 100% of public sector employees enroll and complete it. • Deploy Malware Visibility capability to decrypt and inspect encrypted traffic • Continued focus on key security imperatives enabling us to mitigate risk from increasing cybersecurity threats. Shift from previous imperatives of cybersecurity resilience, context-aware protection of data, and asset and incident management to defensible security, developing and retaining top talent, and operational excellence. • Investigate the appropriate role for BC Government can play with raising the water level across all public sector organizations in the province. 	Gary Perkins
	<p>Connecting BC</p> <p>Expansion of High-Speed Internet in Rural and Remote BC</p>	Susan Stanford

	<p>Connecting British Columbia - Expansion of High-Speed Internet in Rural and Remote B.C.</p> <ul style="list-style-type: none"> • The Province has expanded the Connecting British Columbia program and is working to leverage funds from the new federal Connect to Innovate program. • The Province is undertaking work to establish a new connectivity goal for broadband Internet that will align to the new CRTC internet targets of 50Mbps download and 10Mbps upload speeds. 	
	<p>Telecommunication Policy Coordination and Strategic Telecom Deal Management</p> <ul style="list-style-type: none"> • Align and coordinate telecommunications policy, investment and activities across core government and the broader public sector in support of government's priorities and objectives (e.g., connectivity, job creation, investment). • Co-chair the Public Safety Communications Working Group which is tasked to develop a framework that provincial ministries, local authorities and critical agencies in order to establish communication networks for use in public safety events. The current focus is providing input at the federal/regional level for the development of the Public Safety Broadband Network. 	<p>Susan Stanford</p>
	<p>Service Delivery</p> <ul style="list-style-type: none"> • <u>Network Modernization</u> - Complete the Network Modernization of all 1600+ government and BPS locations to the next generation network by March 2018 through the strategic telecommunications deal with TELUS. • <u>Voice Modernization</u> - Continued transition of legacy voice users and devices to Microsoft Unified Communication to ensure a modern and supportable voice platform for the future. <p>Other modernization initiatives include:</p> <ul style="list-style-type: none"> • Continue upgrades to governments hosted Contact Centre Service to add additional features and functionality for citizens 	<p>Colin Coughlin</p>

	<ul style="list-style-type: none"> • Implementation of new on premises video -conferencing bridging services to connect BC government workers to external agencies and clients • Continued expansion of Wi-Fi service to all government offices (2-3-year initiative) to provide a modern workplace experience • Revamp Provincial Government Blue Pages (Gov't Listings) by Dec 2018 to improve citizen experience. • Microsoft SharePoint 2010 upgrade to 2016 (on premises) by 2018/19 to improve information management and classification implement of Microsoft Exchange Online Protection (Email Filtering) to improve email security. • Planning underway to implement Microsoft Skype Meeting Broadcast to provide support for large ministry broadcasts and webinars. 	
	<p>Strategic Partnerships OFFICE SPO</p> <p>Between 2016 - 2021, ten SPO contracts will reach end of term and require re-procurement or repatriation. SPO provides oversight and direct support across an increasingly demanding project portfolio for the following deals:</p> <ul style="list-style-type: none"> a. Microsoft Licensing, expires 2017 b. Oracle Master Agreement, expires 2018 c. Workplace Technology Services, expires 2018 d. Facilities Management Contract, expires 2019 e. Human Resource Management System (payroll), expires 2019 f. Health Insurance British Columbia, expires 2020 g. Integrated Case Management, expires 2020 h. Revenue Management Services, expires 2020 i. Telecommunications expires 2021 j. Hosting Services, expires 2021 <p>Mandate Letter Commitments</p> <p>The July 2017 mandate letter for the Ministry of Citizens' Services includes commitments to: Introduce a cap on the size and length of IT contracts; and to make IT</p>	<p>Bobbi Sadler</p>

	software development procurement work better for companies that hire locally and have a local supply chain	
	Digital Services <ul style="list-style-type: none"> • Establish the necessary business case to scale up the lessons learned from pilot projects • Define draft standards that help ministries understand what they need to do to support personalized digital services • Set priorities for service improvement • Roll out improved services based on the personalized digital services approach 	David Hume
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.	BC Government Cloud Services <ul style="list-style-type: none"> • We are interested to learn and share information related to best practices for adoption of Software as a Service (SaaS) offerings. • We are interested to discuss standardisation of contracting approaches related to negotiations for security, privacy, and other general terms and conditions for cloud platforms. 	Stephen Gordon
	Information Security <ul style="list-style-type: none"> • Continued support for attendance and participation levels at NCSIP • Need to provide regular and consistent updates on threats facing government systems and data to government executive across jurisdictions. • Need to consider potential of cyber legislation to ensure a basic level of cyber hygiene is met across public sector • Strongly consider centralized cloud security and privacy requirements (e.g. CanRAMP) 	Gary Perkins

	<ul style="list-style-type: none"> • Shortage of security talent available to Canadian organizations to hire • Need for consistent sharing of information relating to threats and incidents. • Increased collaboration, information sharing, and sharing capabilities between Federal Provincial Territories to reduce duplication of effort. • Achieve further efficiencies through shared procurement vehicles 	
<p>4. <u>Topics of Interest:</u> Please identify topics of interest to your jurisdiction for future PSCIOC meetings /teleconferences.</p>	<p>Cloud Services</p> <ul style="list-style-type: none"> • We are interested to discuss adoption of cloud services, implementation challenges, operations challenges, benefits realization, and termination challenges and approaches. • We are interested in vendor-centric cloud platform discussions that could include: Microsoft Office 365, Amazon AWS, Salesforce CRM, Oracle Cloud@Customer, other. 	Stephen Gordon
	<p>Information Security</p> <ul style="list-style-type: none"> • Investigate innovative ways to combat cyber threats from a whole-of-Canada perspective rather than duplicate effort in silos. • Incenting post-secondary institutions (especially universities) to offer degrees in cybersecurity. • National approach to developing and retaining top security talent. 	Gary Perkins
	<p>Service Delivery</p> <ul style="list-style-type: none"> • Investigate a common approach to develop of a common policy and framework for Internet of Things (IoT) devices. • Investigate a common approach to adopt Cloud Services – Microsoft Office 365, Amazon, Google, Salesforce etc. – how to address/meet security policy& privacy legislation. 	Colin Coughlin

	<p>Information Security</p> <p>Applying agile methodologies to build a seamless, simple service experience for businesses. The overall outcome is significant business and operational efficiency, citizen experience improvement including improving the relationship between government and citizens leveraging the following initiative:</p> <ul style="list-style-type: none"> Verified Organization Network – enable trusted digital identity information for verified organizations, persons and affiliations through a verified organization network using distributed ledger technologies, including blockchain, to allow for an improved, yet secure, service experience for businesses. Initiated proof of concept work for blockchain enabled services. 	Bev Dicks/Carol Prest
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- Change 2 Nadine Criddle Devices Services Procurement deleted
- Change 3 Stephen Cloud BC deleted
- Change 4 Stephen – Add Cloud Services to 4. Topics of Interest
- Change 5 Corinne – IMIT Capital Investment updated
- Change 6 Sophia via Keleigh Annau – Service BC updated
- Change 7 Susan S – updated Connecting BC and Telecommunications Policy and Strategic Telecom
- Change 8 Derek Rutherford updates received
- Change 9 Gary Perkins updates received
- Change 10 Network Communication and Collaboration Services changed to Colin Coughlin, and corresponding updates
- Change 11 Peter Watkins updates Section 1 ...no changes Section 2
- Sent message to Bev Dicks re updates again
- Change 12 David Morel , changed to Bobbi Sadler ,SPO no changes in text
- Change 13, Savannah Murphy updates from David Hume
- Change 14 ..Bev Dicks/Carol Prest add info security to Section 4
- Change 15 Bev updated Section 1 and 4 again
- Change 16 Derek Rutherford add re oipc Accomplishments
- Change 17 Bev Dicks add re Blockchain accomplishments