



CIO Strategy Council Meeting

November 14th, 2018

9:00am – 3:30pm

Hyatt Regency

370 King Street West • Toronto, ON • M5V 1J9

Meeting Room: Regency B

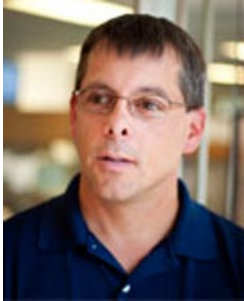
Wednesday, November 14 th	
9:00am – 9:15am	Roundtable Introduction and update
9:15am – 10:30am	Discussing the contingent workforce: specific technology implications and how CIO's can lead <i>David Ossip, Ceridian</i> <i>Lauren Hunter, TBS</i>
10:30am – 10:45am	Break
10:45am – 11:00am	Business/Higher Education Roundtable – Work-Integrated Learning Pilot Opportunity with CIO Strategy Council <i>Keith Jansa, CIOSC</i>
11:00am – 12:30pm	A Digital Identity Strategy for Canada <ul style="list-style-type: none"> - Federal Government's Approach to Digital Identity – <i>Ken McMillan, TBS</i> - RBC Approach to Digital Identity – <i>Rami Thabet, RBC</i> - Pan-Canadian Trust Framework – <i>Joni Brennan, DIACC</i> - Insights from the Future of Digital Identities in Canada Workshop – <i>Andre Boysen, SecureKey and Paul Vallée, Pythian</i> - Digital ID Gaps and Recommendations, including Role of the CIOSC – <i>Jennifer Stewart, Syntax Strategic</i>
12:30pm – 1:30pm	Lunch with Presentation – Strengthening Canada's Internet – <i>Jacques Latour, Canadian Internet Registration Authority</i> <i>For more than 20 years, the Canadian Internet Registration Authority (CIRA) has managed the .CA domain on behalf of all Canadians. As part of its mandate to build a better online Canada, CIRA has leveraged its DNS infrastructure to bolster the security of the country's internet. CIRA's cybersecurity services now analyze millions of DNS queries per day, and with the</i>



	<i>support of 13 internet exchange points (IXPs) across the country, provide protection from malware to more than 800,000 users across Canadian schools, hospitals and municipalities.</i>
1:30pm – 2:00pm	New Canadian Centre for Cyber Security – <i>André Boucher, CSEC</i>
2:00pm – 2:30pm	Discussion on Standards Setting Activities: <ul style="list-style-type: none">- Draft CIOSC Standards for Member feedback – <i>Keith Jansa, CIOSC</i><ul style="list-style-type: none">▪ Ethical Design and Use of Automated Decision Systems▪ Data Access and Privacy- Accreditation as a Standards Development Organization – <i>Jenna Suds, CIOSC</i>
2:30pm – 2:55pm	Roundtable – All <ul style="list-style-type: none">- Digital transformation at work; Member highlights on current initiatives
2:55pm – 3:30pm	IBM's Innovation Space – <i>Regan Watts, IBM Canada and Allen Lalonde, IBM Canada</i>



Speakers



Jacques Latour, Chief Technology Officer, Canadian Internet Registration Authority

As an expert in developing innovative, leading-edge IT solutions, Jacques has established CIRA as a global leader among ccTLD registries. He has 25+ years of experience in the private and not-for-profit sectors and as CIRA's CTO, is currently leading CIRA Labs, CIRA's innovation hub and providing leadership and direction for the management and security of the .CA registry and its underlying DNS.

A visionary in the Internet community, Jacques led the development of CIRA's Internet Performance Test, is an outspoken advocate for the adoption of IPv6 and represents the .CA registry internationally as a member of a variety of working groups and advisory groups, including being a member of ICANN's Security and Stability Advisory Committee (SSAC), TLDOPS standing committees and TechDay and DNSSEC Planning Program Committee.

Jacques is committed to the development of a new Canadian Internet architecture. He has served as the catalyst for the creation of a national Canadian IXP association, CA-IX, and is a member of the Manitoba Internet Exchange's (MBIX) and the DNS-OARC Board of Directors.



Andre Boysen Chief Identity Officer, SecureKey

Andre is responsible for positioning SecureKey's growth strategy, cultivating opportunities in new and existing markets, and promoting demand for the company's solutions globally. He serves as SecureKey's digital identity evangelist. He was recognized as a global leader in digital identity by One World Identity (2017) and Innovate Identity (2016). Andre serves on the boards of the identity standards organizations of DIACC and the Kantara initiative.

Prior to joining SecureKey, Andre co-founded and served as chief technology officer of 724 Solutions Inc. Previously, he served as chief technology officer for Footprint Software and as chief executive officer for the company's Asia Pacific business. In 1999, he was named one of Canada's Top 40 Under 40 in recognition of his vision and accomplishments. From 1990 to 1994, he served as chief executive officer of Open Systems Limited.

Andre has also served on the boards of 724 Solutions Inc., Dexit Inc., Footprint Software Pty. Ltd., and 305 Management Services. He earned a Bachelor of Science in Computer



Engineering from the University of Ottawa, an MBA from the Richard Ivey School of Business, and a Bachelor of Science in Mathematics Education from the University of Maine at Presque Isle. He currently lectures at Wilfred Laurier's Schlegel Entrepreneurship Centre.



Ken McMillan, A/Director - Digital Identity and Cybersecurity, Treasury Board of Canada Secretariat

Ken has been the acting director for Digital Identity and Cybersecurity since April 2018 at Treasury Board of Canada Secretariat. His team works on The Pan-Canadian Trust Framework, The Sign-In Canada project for cyber-authentication across governments, and many of the supporting pieces to make identity management easier, faster, and more secure.

From December 2017 until April 2018 Ken accepted a mini-assignment at The Immigration and Refugee Board of Canada. During that time, he signed the organization up to a high resilience cluster partnership to accelerate its ability to introduce new, better, services in a more responsive way.

Ken was a senior advisor and acting director at the Office of Small and Medium Enterprises and Strategic Engagement (OSME-SE) between 2010 and 2017. His work there assisted small businesses with identifying and securing federal contracting opportunities. Ken planned work packages and coordinated multiple teams' efforts to build and operate Buyandsell.gc.ca. The open-source web applications on Buyandsell.gc.ca publish open procurement and contracting data and help businesses and government buyers better understand who is spending what, where, and when.

Ken has extensive experience in private and public sector business projects, which means he's getting crustier in middle-age.



Jennifer Stewart, President and CEO, Syntax Strategic

As President and Founder of Syntax Strategic, Jennifer Stewart is a leader in the strategic communications sector. She was named one of the 'Top 25 People in the Capital' by Ottawa Life Magazine, one of the Ottawa Business Journal's 'Top Forty Under 40' in 2017, and was a finalist for Ottawa's 'Female Entrepreneur of the Year.'



Jennifer has worked with several clients in a number of sectors, including petroleum, automotive, nuclear, pharmaceutical, technology and Aboriginal affairs.

She is also actively involved in the Ottawa community. She currently sits as the Chair of the Village of Carp BIA and is the former vice president of the International Association of Business Communicators (IABC) Ottawa, and former co-chair of Women in Communications and Technology, National Capital Region.



Joni Brennan, President, Digital ID & Authentication Council of Canada

Joni serves as President of the Digital ID & Authentication Council of Canada (DIACC). Building upon over 15 years of hands-on experience Digital Identity innovations and standards development, Joni helps DIACC to fulfill its vision of unlocking interoperable capabilities of the public and private sectors to accelerate Canada's Digital Economy through the establishment of an ecosystem of identity solutions and services that Canadians can use with confidence. Joni supports this vision by connecting her broad international experience to focused Canadian opportunities that help to organize Canadian market forces to open economic opportunities for all Canadians. Joni builds dynamic and collaborative relationships that formalize strategic partnerships between organizations. She has participated in influential committees and initiatives from organizations around the world including: OECD-ITAC, ISOC, IEEE, OASIS-SSTC, ISO SC27 WG5, and ITU-T SG17 Q6. She has also testified regarding trusted Identity and Access Management systems to the US Office of the National Coordinator for Health Information Technology Security and Privacy (ONC HITSP).



Paul Vallée, Chief Executive Officer, Pythian

Paul co-founded Pythian in 1997 and became CEO of the Company in 2005. His passion and foresight for using data and technology to drive business success has helped Pythian become a high-growth global company with over 400 employees and offices in North America, Europe, and Asia. Paul is a strong proponent of technical excellence as well as diversity in the workplace. Prior to founding Pythian, Paul worked as a data scientist and he holds a Bachelor of Commerce in Management Information Systems from the University of Ottawa. He was acknowledged as "Top 40



under 40” in 2011 by the Ottawa Business Journal in recognition of Pythian’s growth to that time.

Lauren Hunter, Chief Architect - Talent Cloud, Treasury Board of Canada Secretariat

Lauren has over a decade of experience leading change and “first of its kind” initiatives in federal, provincial and academic environments. She believes passionately that people have the right to meaningful, valued work, nurtured by a sense of purpose. With a doctoral degree in human rights, she has developed initiatives on higher education, Indigenous engagement, talent mobilization, and public sector transformation. Lauren is currently the Chief Architect of Talent Cloud - an experimental new talent engine. At Talent Cloud, Lauren works with an amazing team trying to create the world’s first public sector gig marketplace, complete with workers’ rights and benefits.



André Boucher, Assistant Deputy Minister for Operations, Canadian Centre for Cyber Security

Mr. Boucher is currently the Assistant Deputy Minister for Operations of the Canadian Centre for Cyber Security (CCCS) which is part of the Communications Security Establishment (CSE).

Prior to his appointment, Mr. Boucher was the Director General of the Cyber Security Partnerships Directorate, and was responsible for providing IT Security advice, guidance and services to Canadian private sector organizations. In this position, Mr. Boucher led strategic and collaborative cyber security partnerships to raise the cyber security maturity across the entire Canadian ecosystem of critical infrastructure and provinces. Mr. Boucher also worked as the Director of the Information Technology Security Review Programs at CSE, operating distinct targeted programs aimed at mitigating the important risks within the Supply Chain.

Mr. Boucher joined CSE upon retirement from the Royal Canadian Airforce. During his military career as a Communications and Electronics Engineering Officer, he led a variety of operational and technical teams in Canada, NORAD and NATO. Certified as a Project Management Professional since 2002, he also managed several successful national and international projects. His last assignment as Director of Cyber Force Development focused on establishing all necessary elements required to enable the Canadian Armed Forces to operate successfully in the Cyber Environment.

Mr. Boucher holds a Bachelor degree in Computer Science and Master’s degree in Computer Engineering from the Royal Military College of Canada. He also holds a



Master's degree in Defence Study from the Canadian Defense Academy and is a Fellow of the 2012 National Security Studies Programme at Syracuse University.



David Ossip, Chairman and Chief Executive Officer, Ceridian

David Ossip is Ceridian's Chairman and Chief Executive Officer. He is the driving force behind the innovation, vision and leadership at Ceridian, one of the fastest growing human capital management (HCM) technology companies.

David has more than twenty years of experience building and leading successful HCM technology companies. From 1999 to 2007, David was the founder, CEO and President of Workbrain Inc., where he was responsible for the company's vision, product and market direction. After a successful IPO, Workbrain was acquired by Infor for \$227 million in 2007.

In 2009, David founded Dayforce - a highly successful SaaS-based workforce management software company. Ceridian acquired Dayforce in 2012 and shortly after the acquisition, David was named CEO. David led the transformation of Ceridian into an innovative cloud Human Capital Management company. In April 2018, Ceridian completed the largest technology IPO in Canadian history, raising over \$800 Million (CAD) with dual listings on the NYSE and TSX.

David is an investor, advisor and mentor in the Canadian business and technology communities. He is a member of the G7 Fellows at the University of Toronto's Rotman School of Management's Creative Destruction Lab, an advisory board member of OMERS.

David is the recipient of many awards for his leadership, including the Ernst and Young Awards for Entrepreneur of the Year, Ernst and Young National Special Citation for Technology Innovation, Canada's Top 40 under 40, Waterstone Human Capital's Most Admired CEO for Transformational Leadership, Glassdoor's Highest Rated CEOs, and Arthur Kroeger College Award for Management. Under David's leadership, Ceridian's culture of innovation has received multiple accolades including Glassdoor's "Best Places to Work" in 2016, 2017, and 2018, "Great Place to Work" by Great Places to Work Canada, and "2018 100 Best Companies" for Working Mothers, by Working Mother Media.

David holds a MBA from Harvard Business School.



Regan Watts, Head: Innovation, Citizenship and Government Affairs, IBM Canada Ltd.

Regan Watts is a member of IBM Canada's senior leadership group and leads the Innovation, Citizenship and Government Affairs team. Regan is also Chair of the IBM Canada strategy committee. He initially joined IBM Canada in 2016 to lead government and regulatory affairs and was promoted to his current role in 2017.

Prior to joining IBM Canada, Regan served on the Executive Committee of Lafarge Canada Inc. In this role, he led corporate communications, public and regulatory affairs (including oversight for environmental compliance), and corporate social responsibility.

Regan had an extensive career in public service, serving in leadership roles in the Government of Canada across four federal departments. From 2006 - 2012, he served at Finance Canada, Transport Canada, Health Canada, and Foreign Affairs and International Trade Canada.

In 2012, Regan was awarded Queen Elizabeth's Diamond Jubilee Medal for his public service.

An active volunteer, Regan serves on the Board of Directors of Earth Rangers, Canada's largest conservation organization dedicated to educating children and families about biodiversity. Regan also serves on the Board of Directors of the Canadian Chamber of Commerce as well as the Corporate Oversight and Governance Advisory Board for the Chartered Professional Accountants of Canada (CPA Canada).

A resident of Toronto, Regan holds an MBA from the Ivey Business School at Western.



Allen Lalonde, Senior Executive Innovation, Director, IBM Canada Research & Development Centre, IBM Canada Ltd.

Allen Lalonde is IBM Canada's Senior Innovation Executive and Director of IBM Canada's Research & Development Centre, a role he has held since May 2013. In directing IBM's investments and collaboration in strategic innovation initiatives across Canada, Allen and his team are focused on driving social and economic growth in Canada through IBM's leadership, participation and support of collaborative innovation initiatives and models, and especially through IBM's support for big data, analytics, cloud and cognitive projects. These initiatives focus on supporting a broad innovation ecosystem and lifecycle, from foundational research, to early staged development, incubation and ultimately scaling ideas and commercialization outcomes.



Allen leads a team of research, project management, business development and operations leaders who are dedicated to exciting innovation projects to answer Canada's most pressing challenges, including challenges to promote better collaboration with underrepresented stakeholders. Allen also contributes to the innovation agenda in Canada by participating on multiple boards, councils and committees, and working with government, industry and academic working groups to establish new priority pursuits.

Prior to this role, Allen has spent 15 years with IBM in a variety of senior executive positions and countries, across multiple IBM divisions and with IBM's Corporate Business Development & M&A teams.

Prior to IBM, Allen spent 15 years in increasingly senior capacities in the healthcare and pharmaceutical industry, in roles which included leadership responsibility for product development, research, consumer and government affairs, sales, marketing and ultimately general management.

Allen holds two degrees in Chemistry and Integrated Science Studies from Carleton University in Ottawa. Based in Ottawa, Allen is married with two children.



Rami Thabet, Vice President, Mobile & Digital Money Management, RBC

Rami Thabet is the Vice President of Mobile & Digital Money Management. In this role Rami leads the strategy, product management and delivery of RBC's mobile capabilities including digital money management and digital identity.

Rami has been with RBC for over 7 years and held various roles in Marketing & Channel Strategy, Technology & Operations, Payments & Cards and Digital. Most recently, Rami led the mobile, tablet and wearables organization and delivered on a number of key capabilities and Canadian firsts such as Siri P2P payments, the NOMI Artificial Intelligence platform as well as the creation of RBC's J.D. Power award winning mobile application. His team has been recently awarded Celent's model bank award for best personal financial experience. Rami and his team played an integral role in the success seen to date on setting the mobile strategy and providing a seamless mobile experience.

Prior to his time at RBC, Rami held a number of roles across business, technology and consulting in the financial, technology and public sectors including BMO, CIBC, Manulife, Cancer Care Ontario, Ontario Government and CGI.

Rami graduated from Harvard University with a Bachelor's Degree in Mathematics and Artificial Intelligence. He also holds a MBA from Cornell University.