



Joint Councils Executive Report on Trends this Month

Cybersecurity with a focus on Blockchain technology was a key theme this month, while heavy reporting on **Smart Cities** in Canada surfaced after the announcement that Toronto will serve as a working model of a new type of smart city.

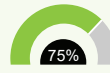
Key Insights on these topics: Cybersecurity:

- ✓ [69 percent](#) of Canadians agree that when they think about future advances in technology, they are very worried about privacy and the security of their personal information.
- ✓ Stay current on the cyber risks of [emerging IoT technology](#).
- ✓ Explore the [possibilities of Blockchain technology](#). Blockchain offers promise as a technology to store personal identity information, criminal backgrounds, and “e-citizenships” authorized by biometrics.
- ✓ Stay current on how AI and Machine Learning will lead to changes in ways that governments mitigate and respond to cyber threats.

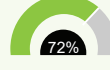
Check out more with these 2 articles:
[Government cybersecurity trends and challenges](#)
[How government can safeguard identity](#)

GOVERNMENT DATA BELONGS TO CITIZENS

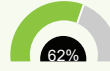
Agree



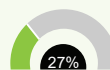
Data collected by governments should be owned by the citizens they collect it from.



Data generated by Canadians should be protected and regulated like a natural resource.



Private companies that use public data collected by governments should pay government a royalty fee.



Data collected by government should be given freely to the private sector so that they can create products, services, jobs and economic growth.

In a [recent Ipsos survey](#), a majority of Canadians say that our government data should be owned by us and protected like a natural resource. Although it does not go this far, the UK Digital Strategy featured in the special topic section below starts to address this by focusing on improving trust in how data is used.

Smart Cities:

- ✓ Know the [data privacy concerns of smart cities](#).
- ✓ Use available data to identify the individual needs citizens and ensure that city officials and planners know how to do so.
- ✓ Alphabet's sidewalk labs [to turn portion of Toronto's waterfront into a new model city of the future](#).

Check out some [smart city success stories](#) and more about [Singapore's bid to achieve smart city status](#).

Noteworthy Reports:

[In a Gartner Survey Confirms the Changing Role of CIOs](#)

[Integrating Robotics, Artificial Intelligence & 3D Printing Technologies into Canada's Healthcare](#)



Special Topic: Digital Strategy

With the Joint Councils' current focus on Digital Strategy and discussions around a national Digital Strategy, a focus on digital strategies from jurisdictions outside of Canada were summarized in this month's Executive Report. Jurisdictions that are highlighted include Australia (New South Wales), New Zealand, Denmark, and UK.

To provide insights around digital strategy, we looked at what elements make up a good digital strategy and what are other jurisdictions doing around digital strategy. Some of the key elements across jurisdictions included a focus on:

Customer experience for clients of public sector services
Data mining and security
Cyber security and protection of data
Using digital for strategic economic growth

There are many similarities within digital strategies; more striking is the difference in overall scope and focus of digital strategies across jurisdictions. For example, in New South Wales, the focus is more insular, looking closely at how

Government could become more digital. On the other end of the spectrum, the UK strategy is very outwardly focused on Government's role in positioning the UK for growth and resilience through its digital strategy.

Elements of Government Digital Strategies From Jurisdictions Outside of Canada						
Jurisdiction	Customer Experience in Public Sector solutions	Data	Cyber Security and Data Protection	Digital Infrastructure	Economy and Private Sector	Summary of digital strategy elements
New South Wales, Australia	✓	✓	✓	✓		Unlock the value of information Exploit emerging technologies Partner with the private sector Leverage agency transformations
New Zealand		✓			✓	Focus on customer experience Data sharing; Open up government data & protect personal data Digital on the inside
Denmark	✓	✓	✓	✓	✓	Better use of data and quicker case processing Better more cohesive welfare services Better framework for business community Public sector data as a growth driver Efficient utilities sector Digitization for everyone
UK	✓	✓	✓	✓	✓	World leader in serving its citizens online Unlocking the power of data in the economy and improving public confidence in its use A safe and secure cyberspace - UK as the safest place in the world to live & work online Digital skills and inclusion - everyone with access to digital skills The digital sectors - UK the best place to start & grow a digital business The wider economy - helping every British business become a digital business

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We would love to hear from you!

Let us know about your digital strategy so we can share it in a future Executive Report. Or send us your suggestions for a special topic that we can feature. All feedback is welcome and will help us to build a product that best meets your needs. Feedback and contributions can be sent to us at Info@iccs-isac.org.

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