

New Public-Private Sector Collaboration in Canada

Applying big data through high performance, agile and cloud computing to address important challenges for cities, healthcare, water and energy management systems.

IT industry analysts predict a more than **650% growth** in enterprise data over the next five years. **80%** of this data is expected to be *unstructured.

*such as sensors used to gather climate information, posts to social media sites, digital pictures and videos posted online.



69% strain



Mass urbanization straining cities: over **69 percent** of Cdn's live in cities today.

20% thirst



1 in 5 or **20%** of the people on the planet do not have access to clean water.

20% loss



Municipalities often incur a **20% loss** of their water supply due to infrastructure leaks.

40% waste



Inefficient energy distribution equals approx. a **40% waste** from source to use.

\$M's in tax



Costs of healthcare, aging populations, & lengthy development cycles for new medicine cost **millions in tax**.

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**Working Together to Apply Big Data to Industry
Challenges for 21st Century Competitiveness**