



Blockchain Technology

WCO IT Conference

June 2019

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Context

- The Canada Border Services Agency (CBSA) is continuously looking at improving efficiency to handle increasing commercial volume.
- We are looking at ways to:
 - Facilitate trade;
 - Improve data quality;
 - Increase visibility in the trade chain;
 - Reduce transactional burden.
- Blockchain may assist the CBSA in achieving these goals. It provides an open, distributed ledger that records transactions between trade chain partners in a verifiable way.



Approach

- Participation in blockchain technology pilots allows the CBSA to test whether this innovative approach provides a faster, reliable, and more transparent supply chain.
- The CBSA is currently participating in two blockchain pilots:
 - Port of Montreal, IBM/Maersk TradeLens
 - Port of Vancouver, Deloitte Container Examination Facility Prototype
- Pilots will evaluate the capacity of the blockchain-base solutions and determine what role, if any, the platforms could play in the Agency's business processes.



Pilots

	IBM/Maersk TradeLens	Deloitte CEF Prototype
Location	Port of Montreal	Port of Vancouver
Expected Completion	Summer 2019	Summer 2019
Scope	Monitor container movement through a selected trade lane	Monitor container movement through Port and CEF
Objective	Determine if TradeLens will provide improvement to risk assessment	Determine if the prototype will increase efficiency and reduce cost of operations
	and	and
	Determine if TradeLens will provide more transparency of data upstream in the supply chain	Determine if the prototype will improve collaboration among key stakeholders and create business value



World Customs Organization Study Report on Disruptive Technology

- Background
 - WCO Virtual Working Group on the Future of Customs
- Goal
 - Raise Awareness of new technologies
- Contents:
 - Use Cases
 - Managing IT Projects
 - Recommendations



Questions?

Contact

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