

Using Technology to Stake Out a Leadership Position



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Alliance of the Ports of Canada, the Caribbean, Latin America and the United States





A LOGISTICS FORCE

Strategic & Competitive location

- 2nd largest port in Canada
- 5th container port on East Coast
- River port behaving as ocean port
- Supply chains compete against each other moreso than ports do...









STATE OF THE PORT IN 2012









Combining RFID and plate reading technologies to <u>monitor the entire</u> <u>truck transaction</u> <u>within port</u> <u>territory</u>.

GHG reduction: routing optimization through behavioral changes to reduce truck idling and smoothen hourly peaks.

Objective is to reduce GHG emissions through route optimization methods.

<u>Measure total</u> <u>truck processing</u> times from entry to exit and relay wait times to truck drivers and dispatchers in <u>real-time</u>.



PROJECT

OBJECTIVES



PLATE READING TECHNOLOGY



- Pilot testing (winter 2014-15)
- Pairing rate 80% à 98% depending on terminals

















https://portmtltrucks.com/



TRUCKER ACCOUNT





https://portmtltrucks.com/





Innovation: Big Data and real-time analytics. IT architecture

Social License: measurable air quality improvements for communities

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Competitiveness: increased fluidity means a competitive supply chain



Predictive functions





May 6th 2017 Port of Montreal welcomes its first vessel at its new cruise passenger terminal

On YouTube: «New Passenger Terminal for the Port of Montreal»

