



# Supply Chain Risk Mitigation

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Flexibility, Optionality and  
the “Just in Case” Mindset



# What is Supply Chain



# What is supply chain disruption & risk mitigation?



# What have we been faced with?

- Impacts regionally from the availability of truckers due to quarantining/illness or borders being temporarily closed
- Congestion at North American West-Coast ports due to frantic increases in consumer spending
- An imbalance of container equipment in North America because of their positioning in the European and Asian trade lane
- European and Asian trade container rates tripling within weeks
- Let's not forget the Suez Canal bottleneck





# Building Resiliency

1. Source alternative raw material suppliers
2. Use data to predict product demand
3. Explore market diversification
4. Businesses should move away from a “Just In Time” to a “Just In Case” mindset
5. Build alternative logistics chain solutions





# Role of a Freight Forwarder

79  
MB/41B NO TUG  
↙



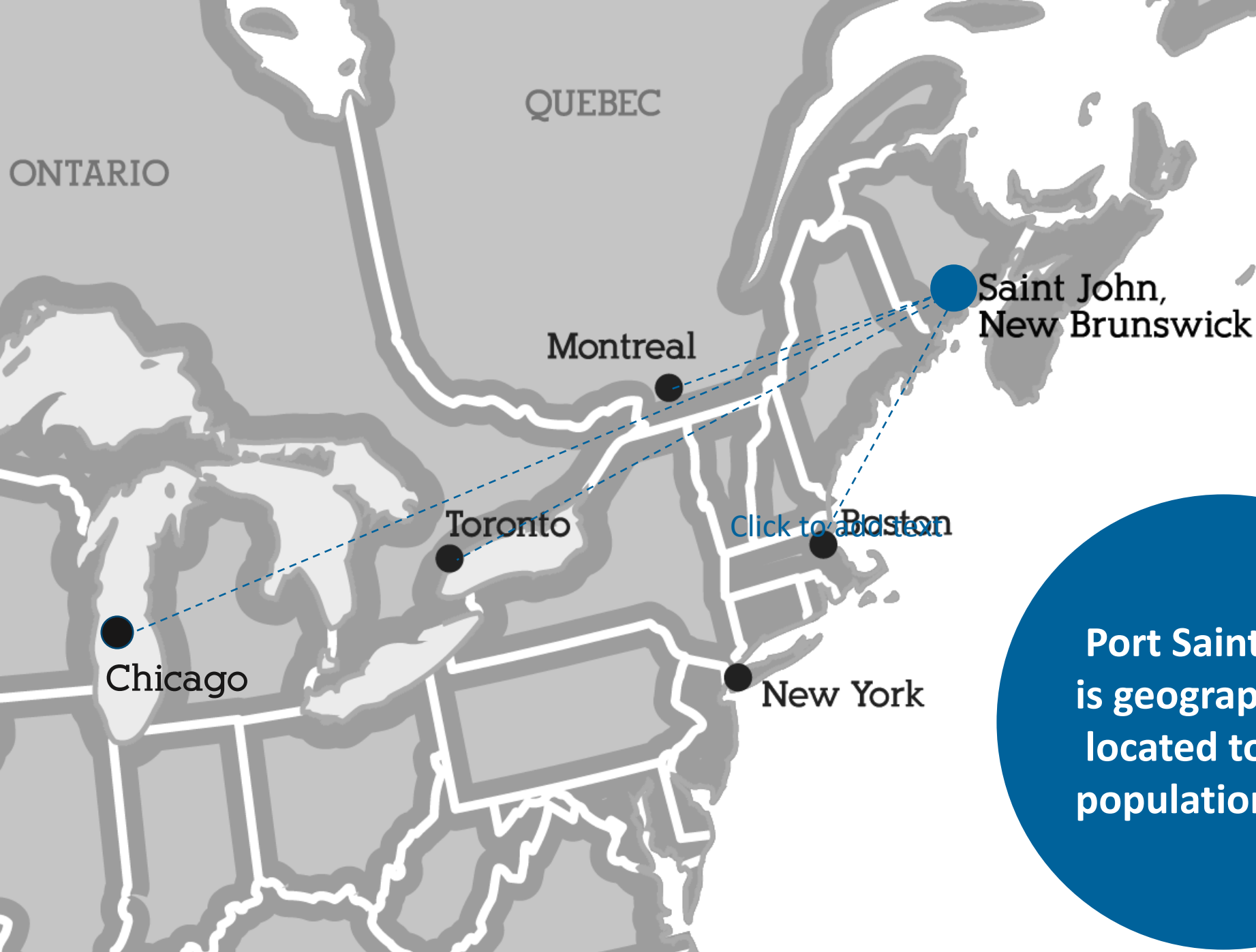




Our Solution







Central & Atlantic  
Canada

USA East Coast &  
Mid Midwest

Port Saint John  
is geographically  
located to major  
population bases





# Logistics Chain Connector & Facilitator of Bi-Lateral Trade

**Ranking:** Atlantic Canada's largest port

**Diversity:** Bulk, Breakbulk and Containers

**Annual Average Volume:** 27 million MT's

**Global Container Connectivity:** 500 ports



# Store it. Stuff it. Ship it.

DP World's team of experts is equipped to build custom solutions for every customer.

## Their offer.

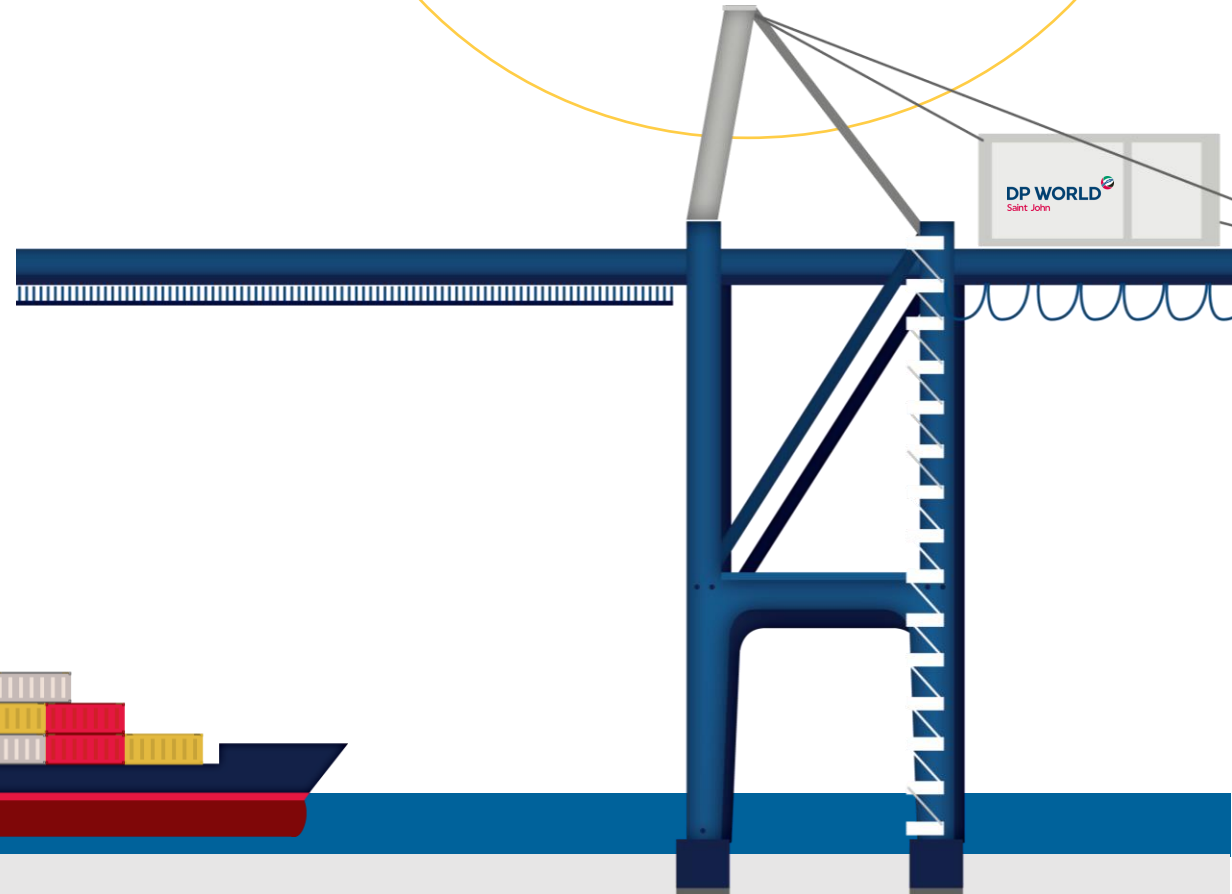
- 70 Acre terminal
- 4<sup>th</sup> largest terminal operator in the world, 80+ terminals globally
- 3 on-dock warehouses
- Rail connections on-site
- 481 reefer plug capacity
- Adjacent to major highway system

## Their value.

- Non-Vessel Operating Common Carrier (NVOCC)
- Complete transloading and warehouse options
- Committed to investing in equipment and technology at PSJ



**DP WORLD**  
Saint John





# Container Service





## North Bound Transit Time

Origin	to Saint John
Vila do Conde	35
Vitoria	48
Santos	45
Navengates	47
Suape	37
Manaus	45
Paranaugua	49
Salvador	42
Rio De Janerio	44
Pecem	65





# South Bound Transit Time



Destination	to Saint John
Vila do Conde	48
Vitoria	33
Santos	30
Navengates	39
Suape	50
Manaus	40
Paranaugua	41
Salvador	48
Itapoa	60
Rio Grande	38
Rio De Janerio	44
Pecem	40

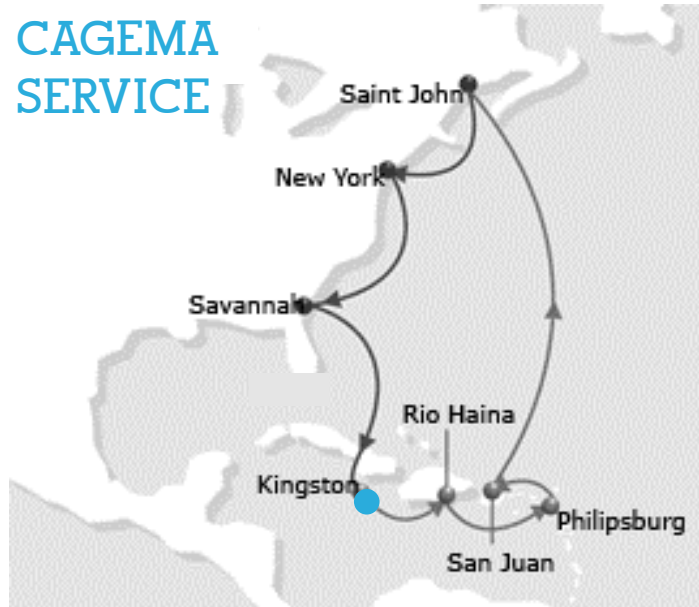




# Container Services with Brazil

CMA CGM offers two service routes with Brazil, connecting with Canada in Kingston, Jamaica

## CAGEMA SERVICE



## BRAZEX1 SERVICE



## BRAZEX2 SERVICE



**CMA CGM**

**Port Saint John**  
CARGO

# North Bound Transit Time

Origin	to Saint John
Vila do Conde	35
Salvador	23
Rio Grande	34
Viçoria	30
Pecem	36
Fortaleza	33
Santos	34
Navengates	33
Suape	33
Manaus	35
Paranaugua	26
Itajai	26
Itaquai	24



# South Bound Transit Time

Destination	from Saint John
Vila do Conde	43
Vitoria	33
Salvador	46
Santos	33
Navengates	21
Pecem	44
Suape	43
Itajai	37
Rio Grande	48
Manaus	23
Paranaugua	38
Fortaleza	24
Itaguai	41





# Container Service

**CMA CGM**



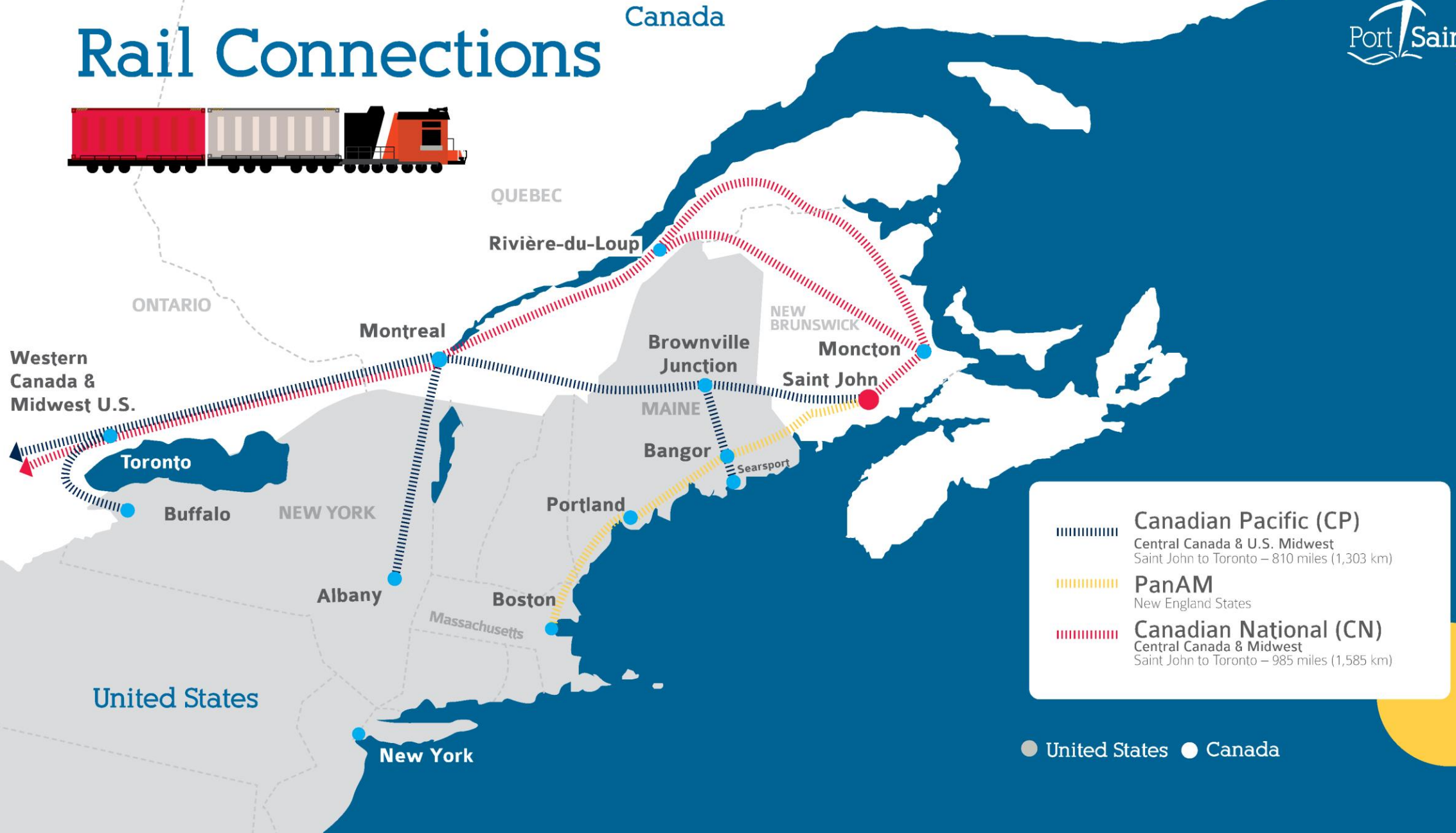
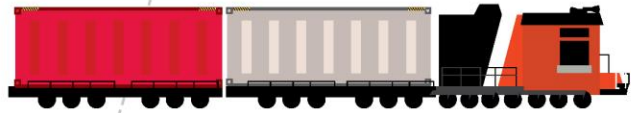







**INLAND CONNECTIVITY**



# Rail Connections



-  **Canadian Pacific (CP)**  
Central Canada & U.S. Midwest  
Saint John to Toronto – 810 miles (1,303 km)
-  **PanAM**  
New England States
-  **Canadian National (CN)**  
Central Canada & Midwest  
Saint John to Toronto – 985 miles (1,585 km)

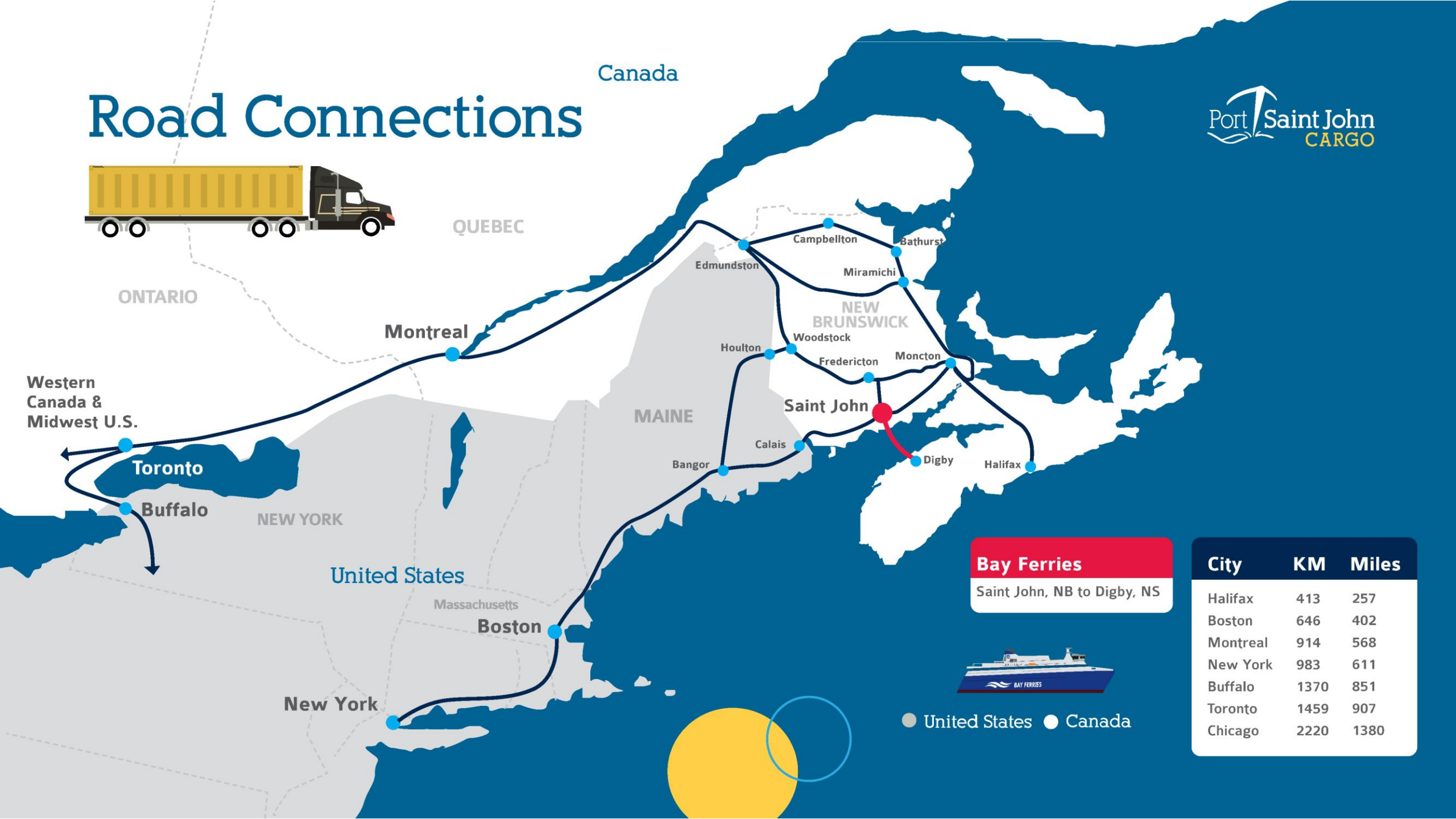
● United States ● Canada



# Road Connections



Western  
Canada &  
Midwest U.S.



## Bay Ferries

Saint John, NB to Digby, NS



● United States ● Canada

City	KM	Miles
Halifax	413	257
Boston	646	402
Montreal	914	568
New York	983	611
Buffalo	1370	851
Toronto	1459	907
Chicago	2220	1380



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