



Serge Dubé
CSC Presentation

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- CSC's History
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• *Brief History of the CSC Group*

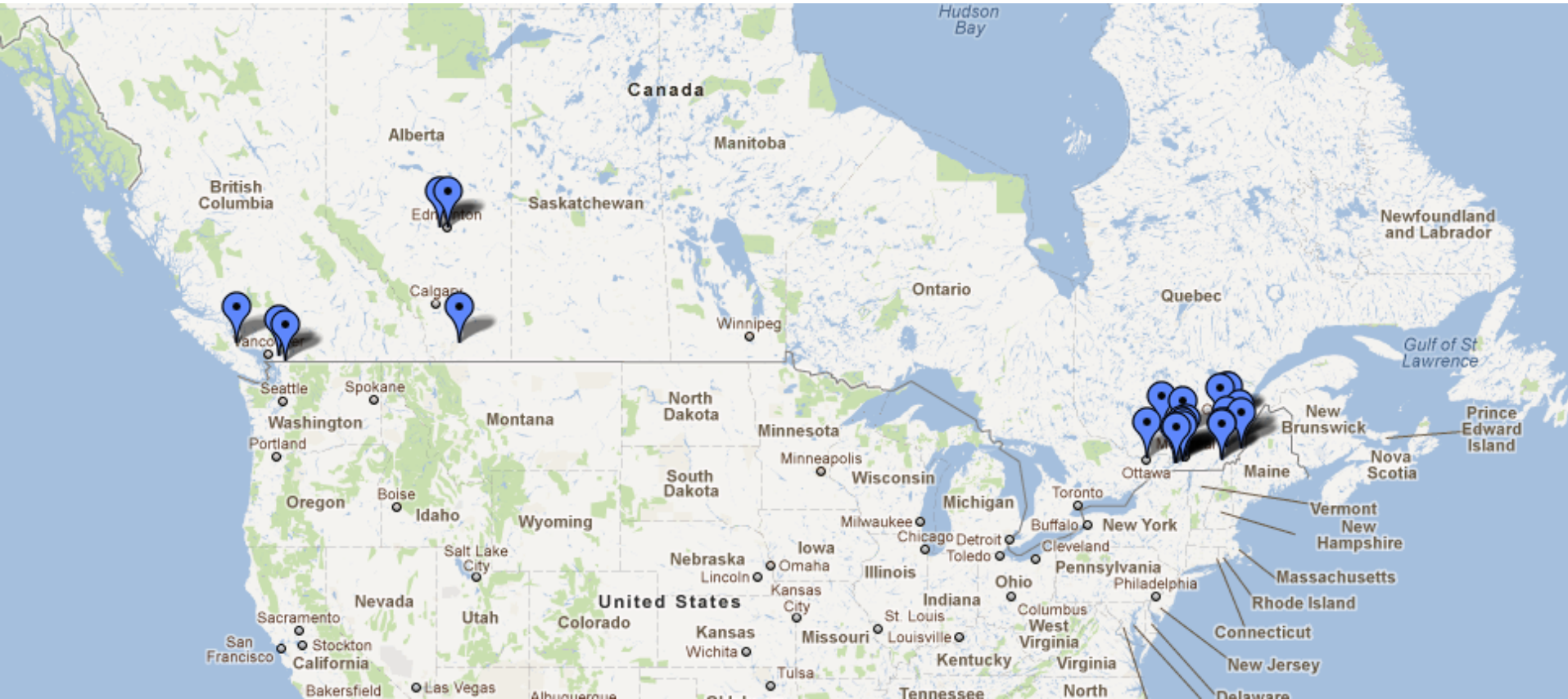
- *Founder : Serge Dubé*
- *CSC Group: Compressor Systems Control / Smartref Technology*
- *Manufacturer since 1996*
- *More than 35 canadian and US patents*
- *Hundred of installations all across Canada (supermarkets-HFC)*
- *First North American transcritical CO2 commercial system:*
 - *IGA Coteaux-du-Lac, June 2009.*



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Eco2-Systems in Canada

The **Greenest** way to preserve and save





The **Greenest** way to preserve and save

Canadian Food Retail Picture:

1. Loblaws, 1530 locations, 31.7B \$
2. Sobeys, 3042 locations, 15.7B \$
3. Metro, 1278 locations, 11.9B \$
4. Canada Safeway, 286 locations, 6.8B \$
5. Costco, 68 locations, 5.0B \$
6. Overwaitae Food Group, 184 locations, 2.7B \$



CO2 Market Perspectives:

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- Canada:
 - CO2 refrigeration is well establish in 2 large food retailers
 - All new stores will use R744
 - Proven Energy Savings
 - Carbon trade exchange available
- USA:
 - UL approval shall open the market for CO2 refrigeration



The **Greenest** way to preserve and save

Eco2-system's Advantages:

- Supermarkets:
 - Soft Start:
 - Automatic re-start device after power failure
 - No CO2 losses during power failure
 - High pressure security line
 - Protection against high pressure for all cases
 - Efficient and Quick Low Pressure hot gaz defrost:
 - Defrost pressure never exceed 400 psi in the cases
 - High efficiency multi-zone heat reclaim
 - Domestic hot water
 - Building



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The **Greenest** way to preserve and save

Eco2-system In-line rack

Eco₂-System® 





The **Greenest** way to preserve and save

CSC leading technologies
are available and built in USA for US market
through our relationship with
Kysor/Warren, a brand of
Heatcraft Worldwide Refrigeration

Questions?

Thank you!