

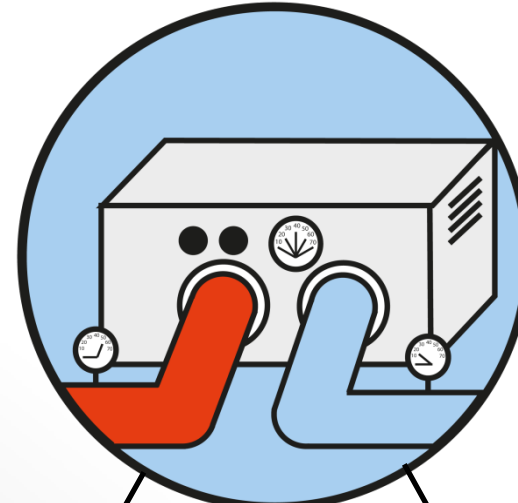
CO₂ AQUILON™ (by Carnot) in a DataCenter



Supermarket



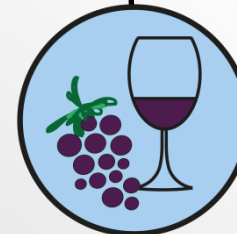
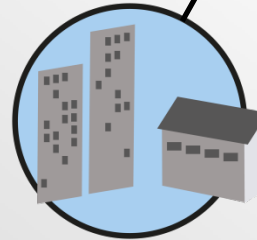
Refrigerated
Warehouse
&
Industrial
food process



Carnot Chiller



Aquilon™
Data Center



 **ATMO** business case
sphere natural refrigerants

25 & 26 June 2015 — Atlanta, Georgia

Carnotrefrigeration.com

3368, Bellefeuille Street, Trois-Rivieres, QC G9A 3Z3 - Phone : 819 376-5958

CARNOT
REFRIGERATION 



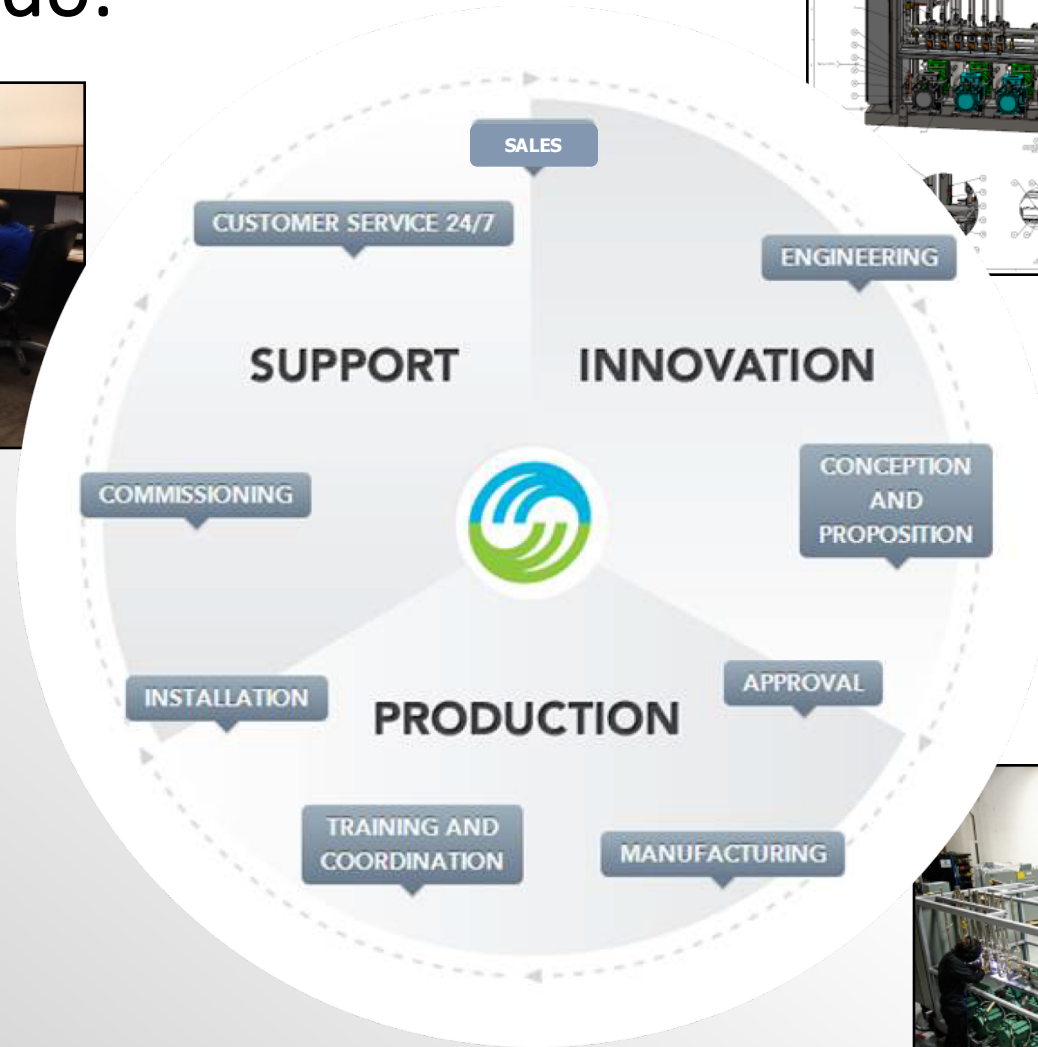
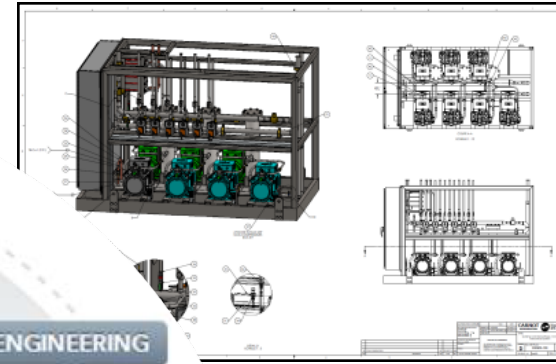
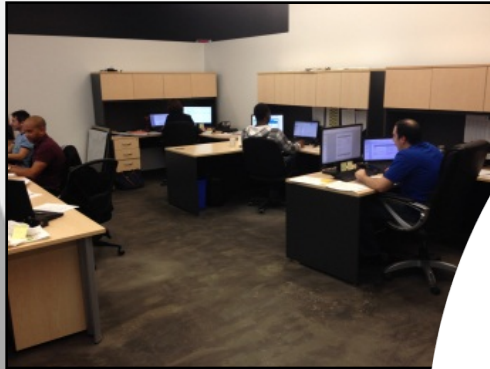
OUR HEAD OFFICE IN QUEBEC, CANADA



15 ENGINEERS // 5 TECHNICIANS // 30 PRODUCTION EMPLOYEES // 5 ADMINISTRATION PEOPLE



What we do:





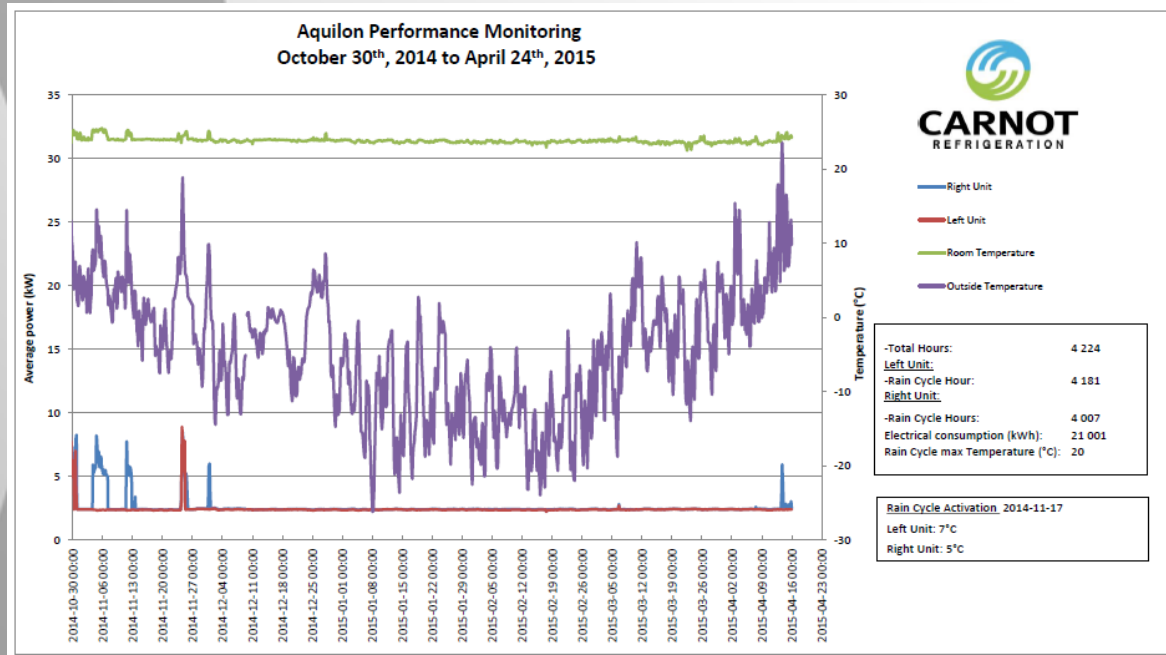
CARNOT'S LONG HISTORY WITH: **Bell**

In 2012, Carnot worked with Bell to create a cooling system that would maintain its business-critical data centres. Rigorous discussions with the customer, excellent results in the laboratory, and innovative machine characteristics allowed us to give birth to our first cooling system dedicated for data centers. Now, we have taken passion, rigor, and innovation one step further with AQUILON™.



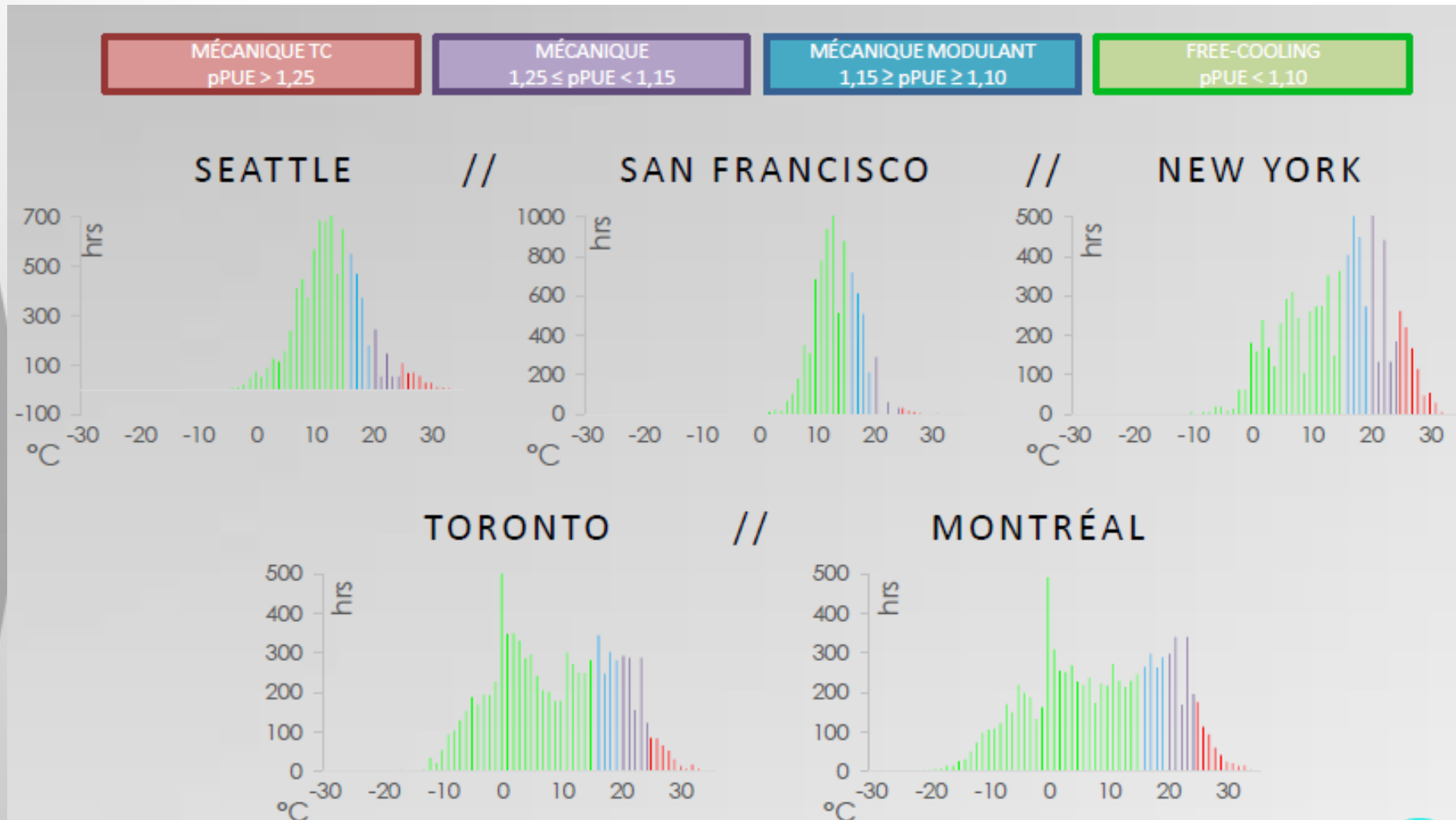
AQUILON for Data Center

Localisation; Ottawa, Ontario, Canada
Particularities; Existing CRAC Unit
Refrigerant; TC - R744
Capacity (cooling); 105 KW (30TR)
News; CO2 Rain Cycle Free cooling





AQUILON Rain Cycle Free Cooling Potential in N-A



Some of our customers



VILLE DE
SAINT-GEORGES



Our Project's awards



Reliable and Efficient

“ASHRAE Best Technology Award” – Institutional Existing Building 2015

“ASHRAE Best Technology Award” – Industrial facility 2010

“GreenChill Platine” Certification 2013

“Prix Energia” Prize 2013

“Canmet study”

“Innovation & Développement” Prize 2013

“Cleantech Next10” Prize 2012

“Développement technologique & Innovation” Prize 2012