



To: GS1 HC Conference delegates: Cdn/international HC providers, suppliers, solution providers, ass'ns, agencies, gov't, media; materials mgmt, procurement & logistics professionals*

From: Liana Scott, HealthPRO and Co-Chair, HSCN

Objective: Showcase CareNET's leadership in a national implementation of global standards; increase interest among Cdn decision makers; provide key learnings for other countries

Advancing Global Standards on a Country-Wide Basis

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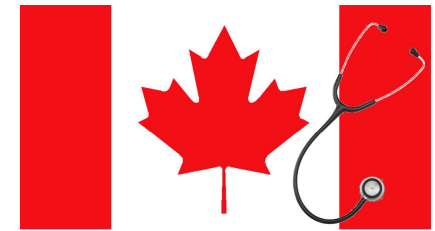
Canada's National Approach

- **Challenges**

- Inefficiencies: silos for different regions
- Supply chain lacks transparency, accuracy, interoperability & efficiency
- Moderate awareness of supply chain standards

- **Solutions**

- CareNET Services Inc. aligned with GS1 Canada
- Encourage collaboration across the healthcare sector & across Canada
- Increase awareness of how global standards enhance patient safety and supply chain efficiency



- **Key Takeaways**

- Impact on Canadian healthcare stakeholders
- What other countries can learn from our national approach

Canada: A Snapshot



Canada: A Snapshot

- **Healthcare model:**
 - National model, publically funded, universal coverage for all
 - Administered and funded through provincial/territorial governments
- **The Cost:**
 - National, public expenditures for health \$61.5 Billion (2007)*; increase of 26% from 2003
 - Hospital expenditure increased 27.6% to \$32.7 Billion in 2007
- **The good news for e-commerce!**
 - High level of basic EDI in use nationally
 - Fewer players, consolidated base, collaborative approach toward e-commerce and standards since 1990

* Source Statistics Canada

About CareNET Services Inc.

- Not-for-profit association representing over 440 healthcare providers (54% of total) and 95 healthcare suppliers; formed in 1990
- Promotes, educates and supports the use of e-commerce throughout the healthcare supply chain
- Renewed mandate: To lead the Canadian healthcare sector to the adoption of globally recognized supply chain standards
 - Develop and implement standards to enhance patient safety and supply chain efficiency



Who CareNET Represents

Province	# Hospitals	% Total Beds
British Columbia	92	100%
Alberta	81	85%
Saskatchewan	0	0%
Manitoba	36	85%
Ontario	133	69%
Québec	9	9%
New Brunswick	31	100%
Nova Scotia	35	61%
Nfld & Lab.	24	86%
Prince Edward Isl.	0	0%
Territories	1	13%
Total	442	54%



Mutually Beneficial Partnership



industry knowledge & membership



standards leadership

= Implementation Success in Healthcare

Why Standards Matter

- The Canadian healthcare sector's adoption of global supply chain standards will enhance safety, efficiency & accuracy by:
 - Reducing medical errors
 - Making counterfeiting more difficult*
 - Enabling efficient product traceability*
 - Improving quality of work life for healthcare professionals
 - Nursing shortage of 15-25% by 2015
 - Decreasing product and supply chain costs to direct more funding into frontline patient care



* A priority for the Government of Canada

Why Standards Matter

Reducing medical errors in Canada

- **1 in 9** patients receive wrong medication/dosage
- Up to **24,000** deaths each year result from preventable adverse events in hospitals
- For every 1,000 hospital admissions, **75** people will suffer an adverse drug event
- For every 1,000 patients with an ambulatory encounter, **20** people will suffer a serious drug event
- For every 1,000 patients discharged from hospital, **90** people will suffer a serious adverse drug event



CareNET: An Ideal Fit

- Existing community of interest
- Advance e-commerce adoption in healthcare
- Standards awareness and education on e-commerce best practices
- CareNET's neutral position and mandate ensure:
 - Equal access to healthcare providers of all sizes & clinical specialties
 - Small healthcare providers have options
 - Equal and competitive access to suppliers & service providers



Focus on Supply Chain Pain Points

- Electronic Data Interchange (EDI) standardization & expansion
- Product identification
- Location identification
- Industry-adopted product attributes
- Product classification
- Simplified approach to recalls
- Simplified approach to consignment inventory



Community Manager

- CareNET will initiate **proactive measures to engage** healthcare trading partners and the Canadian stakeholder community
- **Engages entire Canadian healthcare community**
 - Providers, suppliers, service providers, GPOs, associations, agencies and government
 - Bilingual (English/French) communication to support national development and adoption of standards
- **Go-to organization and voice** for regulatory agencies and associations to seek input, direction and implementation support for global standards in healthcare



Standards Sponsor

- CareNET will enable national **interoperability** and greater **choice**
- CareNET Board
 - Champions e-commerce in healthcare
 - Monitors implementation strategies & leads the development of an industry roadmap
- CareNET Technical Standards Work Group
 - Ensures Canadian healthcare requirements are represented in the standards development/maintenance process
 - Involves solution providers to embed standards in their solutions
- Committees
 - Standards for product identification, EDI, product & organization data



Access to Education & Services

- CareNET defines industry standards
- Educates the healthcare industry on global standards practices
- Provides access to standards-based tools and services that enable the healthcare community
 - EDI transactions
 - VAN certification
 - Product recall
 - Data integrity
 - Simplify consignment inventory



Result

Canada's healthcare stakeholders use a common set of standards that enhance patient safety, supply chain efficiency and interoperability



Key Takeaways: Canadian Stakeholders

- Collaboration among healthcare decision makers is essential and worthwhile
- We're on our way toward a safe, efficient, integrated supply chain
- CareNET provides leadership for Canadian healthcare organizations
- Visit www.carenet.ca



Key Takeaways: International Stakeholders

- Standards adoption seems simple; it's not
- Requires absolute buy-in and participation
- Target the key decision makers
 - Healthcare providers
 - Suppliers
 - Solution providers
 - Government
- Make standards adoption a high-level priority for your country's healthcare sector



Learn More

CareNET Services Inc.

www.carenet.ca



GS1 Canada

Healthcare sector strategy

www.gs1ca.org/e/healthcare

