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

Liana Scott
Vice President, Member Support HealthPRO Procurement Services Inc.,
Board of Directors, CareNET Services Inc.
and
Co-Chair, Healthcare Supply Chain Network
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

• **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

<table>
<thead>
<tr>
<th>Province</th>
<th># Hospitals</th>
<th>% Total Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>92</td>
<td>100%</td>
</tr>
<tr>
<td>Alberta</td>
<td>81</td>
<td>85%</td>
</tr>
<tr>
<td>Saskatchewan</td>
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<td>0%</td>
</tr>
<tr>
<td>Manitoba</td>
<td>36</td>
<td>85%</td>
</tr>
<tr>
<td>Ontario</td>
<td>133</td>
<td>69%</td>
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<tr>
<td>Québec</td>
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<td>9%</td>
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<td>New Brunswick</td>
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<tr>
<td>Nova Scotia</td>
<td>35</td>
<td>61%</td>
</tr>
<tr>
<td>Nfld &amp; Lab.</td>
<td>24</td>
<td>86%</td>
</tr>
<tr>
<td>Prince Edward Isl.</td>
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<td>0%</td>
</tr>
<tr>
<td>Territories</td>
<td>1</td>
<td>13%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>442</strong></td>
<td><strong>54%</strong></td>
</tr>
</tbody>
</table>
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

Source: Canadian Institute for Health information and Canada Health Infoway
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
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](http://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
CareNET Services Inc.
www.carenet.ca

GS1 Canada
Healthcare sector strategy
www.gs1ca.org/e/healthcare

Learn More