Mission

To speed the adoption of a common system of supply chain standards in healthcare institutions in order to improve patient safety, cost efficiency and staff productivity and, ultimately, ensure all healthcare trading partners are able to fully operate in an increasingly e-driven global supply chain reality.
Why Now?

- Strategic focus on patient safety
  - Out of the 2.5 million people who are admitted into hospital every year in Canada, about 9000 - 24,000 people died as a result of preventable adverse events
  - Early adopters of bedside bar code scanning reduced error rates by >80%

- 20-30% of healthcare supply chain administrators’ time is spent fixing data errors

- Estimated that up to 70% of hospital orders contain an error that require manual intervention.

- Hospitals continue to manually order and re-label product due to lack of integrated supply chain standards

- Canadian healthcare consolidation is driving the need to standardization, interoperability and traceability

Sources: Canadian Institute for Health Information and Canada Health Infoway
Why Now?

• Provincial consolidation is underway
• Government support has been forthcoming
• Global supply chain standards are recognized as necessary to truly affect change
• CareNET’s amalgamation with GS1 Canada creates the vehicle to drive adoption by all stakeholders
October 17, 2007 – CareNET & GS1 Canada Alliance
GS1 Canada and CareNET today formally announced their strategic alliance to further the adoption of global supply chain and electronic commerce (e-commerce) standards and practices with the shared vision of directly improving patient safety and administrative efficiency within the Canadian healthcare community.

May 8, 2009 – ISMP & CPSI Joint Announcement
The Institute for Safe Medication Practices Canada (ISMP Canada) and the Canadian Patient Safety Institute (CPSI), following broad consultation, jointly endorse the adoption of the GS1 global standard for automated identification (e.g., bar coding) of pharmaceutical products in Canada.

December 10, 2008 - HealthPRO and Medbuy Endorsement
In a move that will have a major impact on driving efficiencies and reducing costs in the healthcare supply chain, HealthPRO and Medbuy, two of Canada’s most prominent group purchasing organizations, affirmed their commitment to driving the adoption of GS1 global standards with their members.
National Trend Towards Consolidation

- British Columbia is consolidating 6 Health Authorities into 1 Shared Services Organization
- New Brunswick is consolidating 8 Health Authorities into 1 Shared Services Organization
- Alberta is consolidating 9 Health Authorities into 1 Health Authority
- Ontario is modernizing healthcare supply chains through the Ministry of Finance’s OntarioBuys program
- Nova Scotia – One ERP for all of government and Broader Public Services (healthcare and education)
- Two national Group Purchasing Organizations (GPOs)
British Columbia Situation

- 6 Regional Health Authorities
- 1 Shared Services Organization (4 months old)
- All Procurement, Warehousing & Logistics
- Acute, Long-term, Home Care, Public Health
- Design stage for:
  - Future State Organizational Structure
  - Supply Chain Information Management Systems
  - Warehouse & Logistics Network
- Timing is great, opportunity is significant
Canadian Supply Chain Standards Project
Engage Sector Participants
CareNET Healthcare Sector Board

**Board of Directors (Executive)**

**Suppliers**
- 3M Canada
- Baxter Canada
- Cardinal (Alaris)
- Covidien (Tyco)
- Hospira Healthcare
- Johnson & Johnson
- Medical Mart
- Source Medical
- Trudell Medical

**Healthcare Providers**
- Capital District H.A. (Halifax, NS)
- Alberta Health Services (Edmonton, AB)
- Chatham-Kent H.A. (Chatham, ON)
- CHUQ (Quebec City, QC)
- Eastern Health (St. John’s, NL)
- Hamilton Health Sci. (Hamilton, ON)
- Health Sciences Ctr (Winnipeg, MB)
- HealthPRO (Mississauga, ON)
- BC Shared Services (Kelowna, BC)
- Medbuy Corporation (London, ON)
- Sault Area Hospital (Sault St. Marie, ON)
- Shared Services West (Mississauga, ON)
CareNET Standards Council Members

PRODUITS MÉDICAUX

Johnson & Johnson
MEDICAL PRODUCTS
A DIVISION OF JOHNSON & JOHNSON, INC.

MEDICALMART

ORMED
HEALTHCARE INFORMATION SERVICES

McKesson
Canada
Empowering Health Care

MEDBUY

Provincial Health Services Authority

Sault Area Hospital
Hôpital de Sault-Sainte-Marie

shared services west
regional materials management

source MEDICAL

St. Michael's Hospital
A teaching hospital affiliated with the University of Toronto

TELUS

Trudell Medical Marketing Limited

Vancouver Coastal Health
Promoting wellness. Ensuring care
Advancing Electronic Data Interchange (EDI)

Environmental Scan
- Gather baseline information on e-commerce in Canada’s healthcare sector to ensure we have a clear picture of today’s situation, and allow us to benchmark future advancements.

Standardization of EDI Six Transaction Sets
- 832 Price/Sales Catalogue
- 850 Purchase Order
- 997 Functional Acknowledgement
- 855 Purchase Order Acknowledgement
- 856 Ship Notice Manifest
- 810 Invoice

Vision of the Future:
- Elimination of paper and manual process
- Elimination of mapping attributes
- Ensure all Canadian Healthcare trading partners can operate in an increasingly e-driven global supply chain
Without clean data in our ERP systems, our supply chain will remain inefficient and patient safety will be compromised.

- Advance data integrity & data synchronization
- Leverage GDSN
- Define and load standardized product attributes for the medical/surgical category; integrate them into a national registry
- Establish a Global Location Number (GLN) Registry for healthcare
Outreach and Communications

- Healthcare Industry Outreach
  - 6 Customized Healthcare Implementation Guidelines
  - Meeting Collateral (PowerPoint presentation, FAQ document)
  - Public Relations Strategy
  - 3 online modules: EPC/RFID in Healthcare, Integrating Global Standards in Healthcare and Implementing EDI

- Communications Program

- Media Relations Strategy

- Support Material (brochure, newsletter)

- Website Strategy
### CareNET Standards Implementation Roadmap

<table>
<thead>
<tr>
<th>Milestones</th>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>A1</td>
<td>Mar. '09</td>
<td>CareNET Standards Implementation Roadmap Finalized</td>
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<tr>
<td>A2</td>
<td>Nov. '09</td>
<td>EDI Guidelines Published (832, 850, 997, 855, 856, 810)</td>
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<tr>
<td>S1</td>
<td>July '09</td>
<td>Canadian Healthcare Product ID Standards Announced</td>
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<tr>
<td>S2</td>
<td>Feb. '10</td>
<td>Canadian Product Normalization Guidelines Finalized</td>
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<tr>
<td>L1</td>
<td>Dec. '09</td>
<td>Canadian GLN Registry Launch</td>
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#### Milestone Diagram:

- **Packaging/Direct Marking**
  - **Product ID (GTIN*)**
    - Implement Product Identification (GTIN with Allocation Rules)
  - **Location ID (GLN*)**
    - Implement (GLN)

- **Healthcare EDI & Data Synchronization**
  - Attributes Defn.
  - Data Synchronization
  - Standardize EDI Transactions
  - Implementation of EDI Transactions
  - Product Normalization Guidelines
  - Product Normalization / Classification

- **Supply Chain Standards Project**

- **Sector Implementation**
In Summary…

- We believe that we are on the right track!
- We believe that the timing is right!
- We believe that GS1 Canada is the perfect organization to assist Canadian healthcare in providing the direction that we need to get the job done!
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