Canadian Healthcare Supply Chain Standards Project

GS1 Canada

November 2010

Singapore

Healthcare in Canada

Population	33,000,000
Healthcare system	• Public Healthcare System • Federal Funded, provincially administered • Some specialty care and pharmacy not covered by public system • Employs the most people in the country • System is coveted by Canadians
Healthcare Expenditue per Capita	$4,400
Healthcare expenditure % of GDP	10.4%

Canadian Healthcare Supply Chain Standards Project

GS1 Healthcare

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.

Ontario

BC Health Authority Shared Services Organization

Government of Saskatchewan

FacilicorpNB

NOVA SCOTIA NOUVELLE-ÉCOSSE
Health
Santé

Alberta Health Services

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Inspiring Science.

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ACART
Healthcare Storage Solutions

COVIDIEN

MEDICALMART

Canadian Healthcare Industry Engagement Strategy

Healthcare

Industry Initiative	RX	Med Surg	Food Serv	MRO
Community Management – issues • Different Stakeholders • Different Sponsors / Champions • Different Drivers • Different Supply Chains				

GS1 Canada Key Learning

Necessary to engage with separate but coordinated Governance, Value Propositions, and Deployment Strategies

GS1 Canada Healthcare & Pharmacy Community

Sector		Active Participants
1.	**Hospitals and Shared Services Organizations** (Through Carenet's amalgamation with GS1 Canada)	471
2.	**Medical Device Vendors**	90
3.	**Pharmacy Chains and Wholesalers**	17
4.	**Pharmacy Vendors**	119
5.	**Certificate Authority (Hospitals/Users)** **E-ordering of Controlled Substances**	356/650
6.	**Stakeholder Associations / Government**	21
7.	**Food Service Distributors and Operators**	11

Provincial Engagement

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Board Representation
Discussions ongoing

Healthcare

Retailers	Wholesalers/GPOs
*Familiprix (270 Pharmacies)	AmerisourceBurgen Canada
*Katz Group – Rexall (1,800)	Canadian Pharmaceutical Distribution Network
*Le Group Jean Coutu (378)	Gamma Wholesale
*Loblaws (500)	HealthPRO
*Metro (186)	*Kohl and Frisch Services multiple pharmacy chains , including Walmart Canada
Overwaitea	*McKesson Canada 6,300 retail pharmacies / 1,350 institutional pharmacies
Pharmachoice	Medbuy
PharmaSave	UniPharm
*Shoppers Drug Mart (1,180)	
*Sobeys Pharmacy Group (200)	*denotes compliance notices issued to their vendor community

Brian Arbique
H.J. Heinz Company

Chris Compton
Maple Leaf Consumer Foods

Shannon Cooke
Food and Consumer Products of Canada (FCPC)

Dan Flanagan
Flanagan Foodservice

Frank Geier
GFS Canada Company Inc.

Bill Grady
Prime Restaurants of Canada

Doug Grant
The Oppenheimer Group

Wayne Greer
Weston Bakeries Ltd.

Kent Humphries
Sysco Canada

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Unilever Canada

Todd Stevens
Smucker Foods of Canada Co.

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Nick Tomasic
Nestlé Professional Canada

Ryan Pennie
Zast Foods Corporation

Murray Webb, Co-Chair
Aramark Canada

Gord Wilson, Co-Chair
GCW Management Consulting Inc.

David Wilkes
Council of Grocery Distributors (CCGD)

Canadian Healthcare Supply Chain Standards Project – Phase I

1. Healthcare Industry Outreach and Communications Program

- Engage community and set governance structure
- 6 Customized Healthcare Implementation Guidelines for the Transaction Sets
- 3 Healthcare Specific Education Modules Developed

2. Advancing Electronic Commerce (EDI) in Healthcare

- Standardize Six Transaction Sets - Specific to Healthcare
  - 810 Invoice
  - 832 Price Catalogue
  - 850 Purchase Order
  - 855 Purchase Order Acknowledgement
  - 856 Ship Notice/Manifest
  - 997 Functional Acknowledgement

3. Global Supply Chain Standards in Healthcare

- Implementation Roadmap for Product and Location Numbers (GTIN/GLN)
- Development of Medical Product Registry and GLN Registry
- Define Canadian Attribute Requirements
- Represent Canadian Requirements in Global Standards Development Process

Complete

Project Phase II - Implementation

EDI Standards Advancement and Implementation

- Implementation of 3 pilot projects including:
    - Integration of standardized EDI transaction set attributes
    - Global product identifiers (GTIN and GLN)

- Provide one-on-one support and "how to" enable EDI implementation

- Develop up to four new EDI transaction sets

- Leverage the Industry group created in Phase I to manage ongoing maintenance of Phase I transaction sets

Project Phase II - Implementation

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Healthcare Industry Outreach, Engagement and Education Program

- Establish Industry Stakeholders Committee to drive Implementation Plan
- Establish Solution Providers Committee to drive integration of standards, processes and registries into systems
- Education support including education modules, support materials
- Media Relations Implementation Strategy
- Implementation Support Material

Data Synchronization, Product /Location Standards Implementation

- Launch Canadian Healthcare Product Registry and Interim GLN Registry
- Establish committee for trading partner data synchronization
- Launch standards implementation in acute care facilities (Terms of Trade)
- Provide data synchronization implementation support

Canadian Product Registry (ECCnet)

GS1 Healthcare

Enables data synchronization, connecting trading partners with a single source of timely, accurate business information

Over **40** organizations engaged in different phases of implementation

Approximately **400,000** GTINs loaded Pharmacy, Grocery, Foodservice and General Merchandise

Over **2,900** suppliers engaged:

Pharmacy
- Over **10,000** over-the-counter (OTC) products
- Over **6,000** prescription (Rx) products
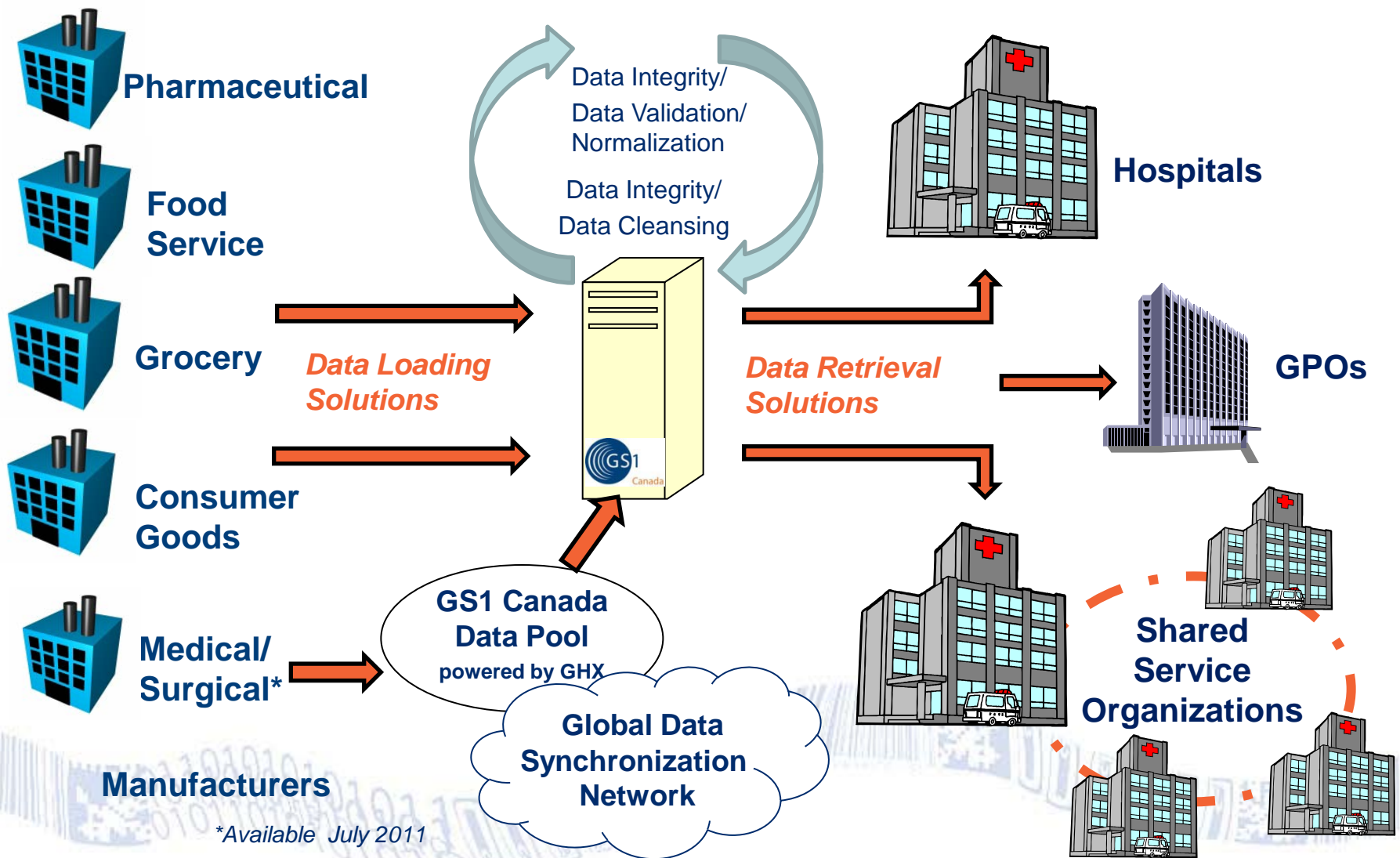- Over **450** behind-the-counter (BTC) products

Foodservice

Approximately **50,000** GTINs loaded (represent 70% of Distributors and Operators purchase volumes)

Medical Surgical
- Launching July 2011

Canadian Healthcare Product Registry GDSN Enabled

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Source Product Information

- Pharmaceutical
- Food Service
- Grocery
- Consumer Goods
- Medical/Surgical*

Manufacturers

Data Loading Solutions

Data Integrity/
Data Validation/
Normalization

Data Integrity/
Data Cleansing

GS1 Canada

GS1 Canada Data Pool
powered by GHX

Global Data Synchronization Network

Available July 2011

Data Retrieval Solutions

Hospitals

GPOs

Shared Service Organizations

Aligning Roadmap for Implementation

- Carenet Healthcare Sector Board voted to accept the standards implementation roadmap, aligning Canada with US industry-accepted sunrise dates adoption of GS1 standards.

- The roadmap will drive the adoption of the GS1 System of standards in Canada by:

- **December 2010** for the GS1 Global Location Number (GLN) to standardize location identification and;

- **December 2012** for the GS1 Global Trade Item Number (GTIN) to standardize product identification.

GS1 Healthcare

Canadian Pharmaceutical Bar Coding Project

- Collaboration between Institute for Safe Medication Practices Canada (ISMP), Canadian Patient Safety Institute (CPSI), GS1 Canada and healthcare industry stakeholders has resulted in a national consensus on using GS1 bar codes as the standard format for labeling medication packaging in Canada (December 2012).

Automated Identification of Vaccine Products (AIVP) Project

- Improving immunization traceability by working with Public Health Agency of Canada and vaccine industry to incorporate GS1 barcodes into vaccine product labeling and vaccine product data into Canadian Healthcare Product Registry (Product Marking and ECCnet Registry 2010).

Key GS1 Canada Initiatives within Healthcare Sector

Certificate Authority (CA) Initiative

- Enabling digital signatures for the procurement and receipt of controlled substances (narcotics). The Certificate Authority Initiative is in compliance with Health Canada's e-Ordering Guidelines.

Unique Device Identification (UDI) Collaboration

- Aligning Global Harmonization Task Force (GHTF) priorities for medical device identification and traceability. The GS1 Canada Carenet Healthcare Sector Board is advancing this work in Canada to align GS1 standards and ECCnet Registry with UDI requirements.

GS1 Canada Product Recall for Pharmacy

- A standardized, industry-driven communication tool enabling recall initiators to share real-time product recall, withdrawal and quarantine notifications directly with supply chain partners.

Healthcare GS1

Canada Health Infoway

- In discussions with Canada Health Infoway to align GS1 Standards with national patient record priorities.

Sustainability

- Healthcare and Pharmacy Sector Board actively monitoring advancements in other sectors. GS1 Canada provides Global standards to facilitate product and location identification, data collection and exchange, and visibility of sustainability information.

How Do We Measure Targeted Business Process Adoption?

GS1 Healthcare

1. Industry Protocol Agreement	• Agreement on rules of engagement & timelines
2. Critical Mass Adoption	• 80% of trading volume implemented on best practice solution
3. Small Medium Size Enterprises (SME) Access	• 100% Implementation
4. Data Accuracy	• Data necessary to support the targeted practice •complete, timely & accurate
5. Legacy Integration	• Machine-to-machine interoperability with internal system

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