Part I:
  Standards development process optimization for the healthcare industry

Part II:
  Implement a forecasting model for future standards needs in the healthcare industry
Part I – Process Optimization

Objective

• Detail a realistic supply chain standards development process for adoption by GS1 that is optimized for the healthcare industry
Part I – Process Optimization

Scope

References

• Global standards development organizations (ex. ISO, GS1)
• Regional/national standards development organizations (ex. BSA, ANSI, CSA)
• Healthcare industry groups (ex. PhARMA, AdvaMed)

Deliverables

• Processes for standards development
• Mechanisms of adoption & enforcement
• Measures of adoption & enforcement
• Realistic framework for GS1 implementation
Existing Standards Development Process Review

• Determine relevant sources of existing standards for the healthcare industry, supply chain or both
• Questionnaire focusing on key factors for healthcare
  • User base (ex. geography, industry)
  • Process flow, stakeholder involvement and championing
  • Time to define, develop, ratify and adopt
  • Regulatory: responsiveness, involvement, knowledge, trust and impact
  • Industry scope: all healthcare vs. sub-industries
  • Technical scope (ex. data format, data carriers, data transactions)
  • Original source for standards vs. copycat standards
  • Review/update cycle and criteria
  • Industry uptake
  • Enforcement practices/audits
• Compile and compare results
Part I – Process Optimization

Develop a Baseline

- Investigate existing GS1 process
- Compare with existing standards review and user assessment
- Identify and assess gaps, additions and modifications
- Baseline GS1 healthcare process
  - Standards development process
  - Process review and update cycle
  - Enforcement/accreditation and audits
    - Within GS1
    - Healthcare industry
    - Solution providers
Part I – Process Optimization

Deliverables

• Identify and review existing relevant standards development processes
• Compile and summarize results of review [Jan 06]
• Review standards development process user assessment
• Compile and summarize results of review [Jan 06]
• Submit first draft of GS1 “Healthcare Standards Development Process” Baseline for review [Mar 06]
Objectives

- Forecast key supply chain standards required by the healthcare industry in 2-5 years
- Create a forecasting model and process to review and update the 2-5 year forecast
Part II – Forecasting Standards Needs

Scope

- Supply chain standards impacting healthcare industry
  - Divide into sub-industries where appropriate
- Global
- Stakeholders along supply chain channels
- Within and outside current framework of GS1
Part II – Forecasting Standards Needs

Forecast Parameters
• Data
• Data format

Data Transactions
• Data storage

Forecast Parameters
• Data carriers

Expected standards need details for model
• Rationale
  • Regulatory
  • Market/industry drivers
  • Technology advancement
• Timeframe for delivery
• Geography
• Sub-industry

Each forecast inserted into model must meet the requirements for GS1 healthcare standards development submission
Part II – Forecasting Standards Needs

Deliverables: First Forecast

• Review successes & failures of past standards impacting healthcare
• Review current and upcoming standards & regulatory mandates (0-2 years)
• Compile current standards & mandates [Jan 06]
• Forecast extension of standards & needs 2-5 years for “first forecast”
Part II – Forecasting Standards Needs

Deliverables: Forecasting Model & Process

• Define key criteria for useful forecast
• Generate forecasting skeleton [Dec 05]
• Define team & process for review of forecast
• Insert first forecast within framework [Jan 06]
Contact details

Peter Tomicki
Global Project Manager
T +001 847 270 5492
E peter_tomicki@baxter.com
www.baxter.com

Baxter

The global language of business
www.gs1.org