HUG

Standards Development

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Standards Development

Part I:

Standards development process optimization for the healthcare industry

Part II:

Implement a forecasting model for future standards needs in the healthcare industry

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Objective

- Detail a realistic supply chain standards development process for adoption by GS1 that is optimized for the healthcare industry

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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

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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

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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

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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]

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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

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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

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Forecast Parameters
- Data
- Data format

- Data Transactions
- Data storage

- 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

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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"

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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]

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