

Charter for the Supply Chain Tooling Project

Overview

The Supply Chain Tooling project will focus on design and development of technology enabling creation of Item File Maintenance applications that interconnect healthcare trading partners across the supply chain to synchronize core product data to standard specifications. These applications provide distribution of standardized product data from manufacturers and distributors to data aggregators and hospitals and enable participants to synchronize and maintain accurate identity, description and packaging information for medical products.

The project charter is a living document that will change over time as the mission and the scope of the project will evolve.

Mission

The mission of the Supply Chain Tooling project is to create a set of open source tools allowing providers of Supply Chain Solutions for Healthcare and various Healthcare organizations to synchronize and enhance medical product information between all supply chain participants, categorize and attribute medical product information for providing supply chain optimization services to their clients.

Scope and Expected Contributions

International Technology Group, Inc. expects to contribute architecture, development resources and code for the following project activities:

- Design and develop data connectors utilizing B2B, Web Scraping and Data Mining methodologies for product catalogs published by manufacturers and distributors of medical products to enable rapid synchronization of reliable product information including true manufacturer name, manufacturer catalog number, packaging, description, etc with the Hospital Item Files, GPO Item Repositories and other healthcare trading partners.
- Design and Develop transformation services to facilitate categorization of products based on the existing and evolving industry standard taxonomies, such as the UNSPSC

(United Nations Standard Products and Services Code), GMDN (Global Medical Device Nomenclature), etc.

- Design and Develop transformation services utilizing Artificial Intelligence methodologies for migrating unstructured product data (free text description provided by manufacturer) into a structured information consisting of a set of product attributes pertaining to a product category
- Create reference implementation of the medical product data repository providing examples of the data structure and enabling implementation of exemplary tools utilizing data connectors and transformation services

We expect to build the project ecosystem by encouraging the healthcare trading partners to participate as contributors, members of the project advisory council and early adaptors of tools delivered by the project.

IP Issues

None

Deviations

None