

Standards Generation Product, Process and Facility Standards

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The purpose of this document is to organize my thinking on standards generation. So far I have generated process standards that are a function of recent local activity, and recent specific national standards. Now I want to standardize that and expand into product and facility standards. I need to standardize the process so there is not much customization required from one business to the next or from businesses within the business. For example: enterprise processes have names specific to the enterprise, names like medical procedure, provider and specialty in medicine. I want to standardize the process of building standards by using standard names or standard names within the enterprise names.

General Requirements for Standards Generation

Business Model Information

Assignment

Example: Provider could be standardized to Assignment (Org Position Person).

Position

Example: Business Model by Provider could be Business Model by Position.

Contract

Example: Billtype could be standardized to Contract Type.

Process

Example: Service could be standardized to Process Type.

Example: CPT could be standardized to Process Type.

Activity

Example: Nursing could be standardized to Facility Activity.

Standard

Example: RBRVS could be standardized to National Process Standard.

Example: DMEPOS would be National Product Standard.

Example: RBRVS and DMEPOS would also be a template for the Local Process and Product Standards generated by this process.

Entities (Definitions for Vertical Filters)

Assignment

Contract

Process

Standards Generation

Product, Process and Facility Standards

Product
Facility
Facility Activity

Functional Entity Activity

Product Sales
Product Distribution
Product Inventory
Process Start
Process Completions
Facility Activity Time
Facility Activity Expenses
Contracts
Assignment

Functional Databases

Entity Activities are recorded in functional databases or programs.

Enterprise Database

Enterprise database imports functional reports of entity activity.

Specific Process Requirements

Process Standard Template

Process Value Format

Example: RBRVS CMS Format

Relative Unit Value by Location

Example: Resource Based Relative Value System (RBRVS) Center for Medicare Studies (CMS)

Work

Risk (Malpractice)

Overhead

Total

Process Input Format

Standards Generation

Product, Process and Facility Standards

Direct Time (Work)

Direct Expense (Malpractice)

Direct Material (Overhead)

Process Facility Standard Distribution Cost

Specific Product Requirements

Product Standard Template

Unit Price Format

Example: DMEPOS CMS Format

Unit Price by Location

Example: Durable Medical Equipment Prosthetics Orthotics Supplier (DMEPOS) Center for Medicare Studies (CMS)

Low Price

High Price

Average Price

Product Facility Standard Distribution Cost

For example: for capital budgeting, I will be able to instantly calculate new mileage costs for proposed facility location based on recent customer locations. If the problem is on the supply side (FOB shipping point), then we use supplier rather than customer locations.

Specific Facility Requirements

For example: think Automobile Information: Speed, Location, Mileage, Volume, Pressure, and Temperature.

Facility Standard Template

National Format (See RBRVS and DMEPOS Locations)

Facility Standard Distribution Cost

For example: for capital budgeting, I will be able to instantly calculate new mileage costs for proposed facility location based on recent customer locations. If the problem is on the supply side (FOB shipping point), then we use supplier rather than customer locations.

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Facility Locations

Latest Sales Activity (last 18 months for example)

Customer Locations (for each of those sales)

Derived Shortest Facility to Customer Distance

Derived Average Distance per sale

National Price Standards

National Value Standards

Derived Local Distribution Cost

Other Facility Standards

Standard Space Requirements

Standard Equipment

Activity Standards

Distributed Time Standards

Distributed Expense Standards

Volume Standards

Temperature Standards

Pressure Standards

Summary: Standards Generation

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