

W³Net™ Catalog Engine



The W³Net Catalog Engine is the tool that builds, manages, aggregates and distributes supplier catalog data for the W³Net™ CBOS™. It allows Suppliers to categorize and manage their catalog data, enabling many Customers access to the data through a web-based user interface or through transformation and distribution services to their back office system.

- Accelerated Supplier Enablement
- Web-based Catalog Access
- Electronic Catalog Distribution
- Multiple Product Search Options
- Reach out to New Customers

Catalog Based Upon Structured Data

The catalog engine builds a supplier catalog through a structured product property hierarchy, SKU mapping and a rules-based technology. Catalog data is managed through an XML service and a web-enabled interface. Catalog data is distributed through data transformation and translation services via the W³Net Document Exchange Platform.

Catalog Engine Components

The architecture for the W³NetCatalog Engine is based on three components: the SKU connector, the product property hierarchy, and the supplier product information.

- The SKU Connector component maps all products in the catalog to a SKU for each catalog subscriber. This connector allows multiple companies to work with the same product while each using their own SKU.
- The Product Property Hierarchy component allows catalog items to be uniquely identified in the system
- The Supplier Product Information component contains the fluctuating data associated with a catalog entry.

Catalog Population

There are three primary steps in catalog population: property population, property rule definition and data population.

- Property Population consists of building the data infrastructure for product definition.
- Property Rule Definition consists of setting up rules to restrict or allow property values to exist together.
- Data Population consists of mapping and loading company specific product information.

Catalog Access

Companies can elect to make their catalog available through a catalog service or through catalog distribution.

Powered by W³Net™ CBOS™ (Patent Pending)

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