

# Globalization



*Cost Effective,*

*Scaleable,*

*Intuitive Solutions*

# GLOBALIZATION

The GITS Methodology makes the assumption that developed solutions should always be cost effective and low maintenance. Our solutions have a framework that will minimize the efforts involved during the scale-up of solutions. We've demonstrated success in this regard by implementing the constituents of the GITS Solutions Thread at our previous client sites. When developing solutions, we can provide guidance on how to properly manage Globalization constructs such as language, reference points (e.g., Name, Address, Customer Demographics, Business Terms, etc.) and mathematics. The GITS Methodology manages these notions by implementing the following concepts:

## TAXONOMY

Our Business Domain knowledge allows us to articulate a consistent business language that addresses notions such as synonyms, homonyms, homographs, aliases, etc. What is interesting is the fact that the development of our Taxonomy Pallets does not slow down the analysis process, it actually speeds it up. The language of the business should be accurately and consistently depicted on the **Data Layer** as well as the **Presentation Layer**.

Once the business language is articulated and documented consistently, conversion of the taxonomy to a different language can be a well managed process.

## DATA ARCHITECTURE

We use Data Architecture to manage all issues associated with the **Data Layer** of a given solution. Our data management methods address the following items:

- Data Integration
- Security Entitlements
- Local Governance Rules
- Data Modeling (for both OLAP and OLTP)
- Model Consolidation

For instance, when we develop our Data Models we make sure the framework is extendible and addresses concepts such as Postal Codes (i.e., as opposed to Zoning Improvement Plan (ZIP) Codes), Currency Types, Currency Formatting, and these issues are briefly discussed with the business to ensure that immediate and downstream needs are met. We will work closely with you to ensure the data used as you move from state to state or country to country is consistently compliant with the local governance rules and conventions associated with a specific territorial boundary.

## APPLICATION DEVELOPMENT

When our staff works with your application developers we make sure they are aware the following components should be considered when creating your **Presentation Layer** (i.e., Web Interfaces, Desktop GUIs, and Reports):

- Security Entitlements
- Real Estate (i.e., The amount of equivocal space typically needed on Screens and Reports to articulate the same information as you move from country to country)
- Local Character Sets (e.g., certain characters used in the US may not even exist on the keyboard of a given country)
- Local Governance Rules
- Style Sheets or the Equivalent

For more information on Taxonomy, Data Architecture and Application Development, please click on the appropriate bubble of the Methodology page of our website.