
Trulogix Information Systems Pvt Ltd (Base Line Software).

We have developed a set of software and associated tools to be used as baseline for all our Web application development. These tools have been developed with a plug and play configuration and are collectively called WADE (Web Application Development for Enterprises) framework.

Compressed XML Data Access Layer core components

- Compressed XML Data Access Layer
- End-to-end, bi-directional thread for data transfer from a browser enabled front-end to database (only applicable to Oracle database 10g or higher versions).
- Content independent compressed XML based name value pair listings.
- In-built, single-sign on, multi-user multi-role based security system.
- AJAX (Asynchronous Java and XML) based core components
- Complex data retrieval and manipulation, built on proprietary DAL
- Javascript based or server based generic sorting tool.
- Sort using any column of any dataset in any order (ascending or descending)
- Provides interfacing of complex data-structures between disparate and physically separate systems using any of the following methods
 - Real-time interface with web-services using Axis2 (a freely available software from the Apache foundation).

Benefits to our customers using our baseline software

- At no additional cost, benefit from the fastest data access we have benchmarked.
 - Reduction in response times.
 - Better utilization of manual and other resources.
 - Up to 30% reduction in software operational costs due to faster response times
- Up to 30% reduction in software development costs because we have to write smaller amount of code.

An example of the challenges and complexities that our baseline software has resolved

Back office System for Product Life Cycle management for "The parent Company".

Trulogix was awarded the project for development of an enterprise application, which would have similar look and feel as a desktop application but in reality, would be a web-based application. The System handles the entire life cycle of products to be retailed and includes multiple interfaces with client's ERP systems. Average response time of queries within the system had to be less than 2 seconds with average result sets of 5000 records. This was achieved with our proprietary DAL (Data Access Layer, a part of our base line technology) with resounding success. With compressed XML technology we were able to meet this challenge where normal JDBC based components failed.