

Catalyst BSE™

a business systems engine for effective systems development.

☎ : +27 21 674 3682 | ☎ : +27 21 671 5197 | ✉ : info@viadata.co.za | www.viadata.co.za

Business Systems Development will never be the same again.

Catalyst BSE™ enables you to deliver essential business value in less than half the time it would normally take. Additions, modifications and changes are no longer major undertakings. All that and you still have a unique, custom built system.

The age old problem

IT supposedly supports and underpins the modern day business. Whether IT delivers the required value depends on how it's implemented and managed.

What CEO or CIO has not faced systems development projects running way over budgeted time and cost? It is almost to be expected. When time runs out, the bells and whistles that make a system that much more valuable are the first to be trimmed. What Systems Architect has not wondered what it would be like if that nth generation language finally did provide the coding efficiencies touted by vendors?

Catalyst - the essential element.

Catalyst BSE™ is a business systems engine that enables systems development teams to create business applications in the shortest possible time whilst maintaining developmental and business process integrity.

Using Catalyst BSE™ as a development environment, a business analyst can take the output from a modeling and design tool, and build a functioning system with only a basic knowledge of SQL.

Developers are brought in when interfaces to third party systems or batch processing are put in place.

The Catalyst BSE™ environment allows for rapid redevelopment and refinement, delivering changes to reports, forms and views in a mere fraction of the time it would traditionally take.

Benefits of using the Catalyst BSE™ business systems engine include:

- ☑ Far less money is spent on the project, due to the shorter development time.
- ☑ Business benefits of using the application are realised far sooner due to the early delivery of the project.
- ☑ Return on Investment (ROI) can be demonstrated to management far sooner.
- ☑ Far less money is spent on post project support and maintenance.
- ☑ Commitment to develop a system is only made after the understanding of the system fundamentals is proven.
- ☑ The system being developed will meet the client's requirements.

Catalyst BSE™ supports:

MS SQL server 2000

MS SQL server 2005

☑ The risk of system failure due to unclear requirements is eliminated.

☑ The system development process and, hence, the allocation and usage of scarce resources is predictable.

☑ No surprises or omissions will be found during system development and implementation.

☑ Scarce resources will not be wasted on unnecessary re-work.

☑ The client will have increased confidence when planning.

☑ The long-term quality of the customer's data resource will be optimised.

☑ The database will be able to accommodate new ways of doing business, new lines of business, even new businesses - without restructuring the database and, thus, rewriting the systems that rely upon it.

Features

- New functionality or architecture improvements are made available to all clients as part of our maintenance plan.
- The system can incorporate new technologies as they become available.
- The proof of concept prototype becomes the basis for the new application.
- The application is tested for quality, functionality and usability throughout development, thereby ensuring the reliability of the application
- Applications are typically written in half the time a standard development would require.
- Application updates are distributed electronically in a modular format.
- Applications can be distributed internationally and data integrity maintained.
- A consistent graphical user interface (GUI) is used.
- Catalyst BSE™ is a secure development environment, with built-in security at the data, process and developmental level.

Benefits

Clients are kept up to date with architectural best practise.

Clients will always have the latest proven technologies available to them. Application architecture will never be redundant.

Development does not have to start from scratch after the proof of concept has been written, saving time and money.

Software review takes far less time, saving money.

A huge time and money saver, also allowing the client to use the application far sooner than normal.

The clients' network bandwidth usage is greatly reduced.

The client will always have one view of company information, no matter where they are.

Less training is required. The user interface is familiar to the user no matter what application they use or in which geography they reside.

Clients' business information is always secure within the application. Catalyst BSE™ also integrates with the client's incumbent security.

“Catalyst has unified our business systems and data, providing us with a single, stable system on which to build our business. The ongoing turnaround time on the delivery of new functionality is remarkably quick, virtually without fuss and has never destabilised our operations in any way”

- Joanne Dickson
MD, Go2Africa