



**Systems and Services  
written with 90% less new code.**

Technology now exists to quickly *auto-build custom software applications*. And that changes everything.

Off-the-shelf software can hold you hostage to huge ransoms (licenses) and a lethargic product road-map that can't keep up with market demands, let alone your need to innovate. Alternatively, our next generation toolset can help you collaborate with software developers and create custom software solutions that are far more affordable, and which enable unprecedented flexibility.

The VisionEngine is a toolset that makes it easy for a non-technical person to develop and evolve enterprise systems and applications that would previously have required huge teams of top-notch software developers. It thus unlocks the customer-service ideas held within your various business and operational groups, ideas that might otherwise starve for attention within a resource-constrained IT department.

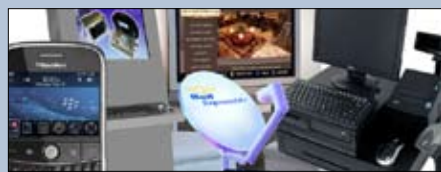
We have been developing our VisionEngine technology for over 10-years, a dedicated R&D effort costing \$millions. We are a software development firm making software that makes software. For over a decade our clients have trusted us to build immediately effective systems, and because of the VisionEngine we have been "on time, on budget, every time". As you know, that is not so common in the IT industry.

**Example Legacy Renewal**



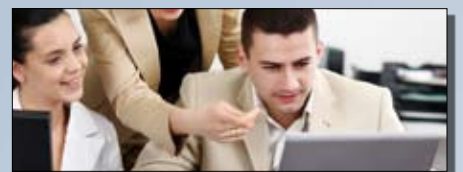
- Self-Service portals
- Backend re-integration
- HATS screen-scraping
- Ad-Hoc Reporting
- Workflow Management
- Multi-phase migration
- Interface Modernization
- Functionality Additions

**Service via any Device**



VisionEngine-built applications are inherently capable of driving any front-end interface, from audio-only to 3D rich-media. Deliver services as and when customers demand, via mobile, landline, kiosk, TV, PC, intelligent-IVR, advertizing display, etc.

**Scalability and Flexibility**



For many service providers, VisionEngine is processing millions of transactions, reducing cycle times from weeks to minutes and providing one-click access to multiple data sources from every kind of user channel.



## VisionEngine

**An easy to use application development and delivery toolset that links your Business Rules to multiple back-office data sources and any front-end interface. Creates better software solutions - lower cost, faster to market, more flexible and easier to maintain (simplified continual improvement).**



### Multiple Interfaces - Same Logic...

The VisionEngine supports any front-end, e.g. wireless, web pages, voice input, PDF forms, texting, gestures. The same business rules and processes can be applied, no matter how the information comes in or goes out.

### Your Business - Graphically Maintained

The VisionEngine's Business Rules Engine allows you to define and document your processes as an integrated part of your application. It thus contains the logic to handle validation and interface rules, data integration and application flow, and these can be easily maintained without programming skills.

### Moving Information - Between Back to Front-Ends

The end-to-end power of the VisionEngine is made possible by integrating all your business data. You end up with an open architecture, SOA, built using field-proven components and frameworks that we can mass-customize to fit your business vision.

***“The ability to reuse pre-built VisionMAX components, the VisionEngine, greatly reduced development time and produced a system that will meet changing future requirements.”***



**— Grant Wright, PM, Sears**

The VisionEngine platform has over 1,200 Java Classes, 300,000 lines of Java code and over \$6M in R&D over 8 years. The GUI application flow editor allows the BA/designer to craft the high-Level design of the application, then the metadata admin console allows them to specify the parameters that call up the pre-built java classes. All of these rules are extracted to one single XML file that can be moved from Dev to UAT to Prod (no changes). This XML contains the “instructions” to run the application on the VisionEngine Run-Time Java Application.

The VisionEngine Flow Editor and Meta-Data Admin Console form the basis of the VisionEngine Development Time browser-based tool-set. The toolset is self-documenting, using an integrated repository (e.g. use-cases, business rules, screen design/collaboration tools, and data dictionary), allowing the capture and maintenance of full-project lifecycle specifications. All rules, data-analytics, field analysis, and impact analysis is generated at the touch of a button. The integrated debugging, regression/performance testing and bug-issue tracking tools ensure that the testing management processes are well supported. An integrated ad-hoc reporting tool, data-dictionary database/XML schema field-import, and batch process scheduler manage the data operations. Project Management is also facilitated by automated enterprise/system/project/user security, task, time tracking and reporting.