

Corporate Overview



FOUR Js
The Power of Simplicity

Four Js Development Tools

Imagine software that enables your company to develop complex business applications quickly. Imagine software that lets you develop these applications and compile them once, redeploying them across leading operating systems, graphical user interfaces and databases without recompilation. You just imagined Genero[®], a business application infrastructure for enterprises of all sizes.

Thousands of customers from enterprises in a broad cross-section of markets – banking, insurance, energy, telcos, media, national retail chains, national defense and other government agencies – are reaping the rewards from their investments in Four Js technology. With several million licenses sold around the world, we provide development and infrastructure tools that help companies of any size to develop and deploy portable, scalable, high-performance, transaction-oriented applications rapidly and cost-effectively.

A Return On Investment Second To None

You will be challenged to find a development environment that delivers a better return on investment than Four Js' Genero. Improve developer productivity and open your application to new markets. Meet deadlines and budgets that previously seemed impossible.

You'll save money at every stage of the development process. First, our products are easy to learn – developers can become proficient in weeks rather than months or years. Second, developers will create sophisticated business applications an order of magnitude faster than anything around. Finally, with just one binary image, you'll deploy across a broad cross-section of popular operating environments, saving valuable time and resources during the test-cycle.

With Four Js, you'll maximize your market opportunity. You'll optimize your resources and negotiate better vendor relationships. In short, you'll energize your business.

Our Mission

To deliver a business application infrastructure that enables the rapid and cost-effective creation of highly responsive enterprise-class software.

Who We Are

Four Js – founded by four developers named 'John' in the early nineties – derives its success and value by respecting two simple core values: to focus on creating the best development environment for business applications and to listen and respond quickly to customer's needs. It is observation of these values that have created the customer loyalty that has enabled growth and profitability since the company's inception.

Four Js grew out of one man's frustration with the software industry; founder and CEO Jean-Georges Schwartz. As an ISV, he developed and sold his own business software in the eighties and experienced the trials and tribulations of the developer community first hand.

He noticed that the significant investment he made in developing an application lasted no more than five years. With every major technology paradigm shift – whether it be from proprietary mini computers to open systems, or from server-centric architectures to client-server to the Internet – the tools with which he worked exhibited the same inherent design flaw: built-in obsolescence.

For large enterprises with budgets to match, this was a minor problem. For small and medium-sized companies however, it was a significant issue: revamping applications with new tools

meant 'reinventing the wheel'. Resources could have been better invested on sharpening the application's competitive edge. After being left stranded once too often with an application that would no longer run on the hardware of the day, he searched in vain for a tool that would prolong the life of his application and precious business logic. It didn't take him long to realize that his mission was in vain and so he set about creating one himself. One that would meet his own personal needs and probably those of companies like him. Four Js Development Tools was born.

In 1995, the first incarnation of his basic idea was baptized 'Universal Compiler' capable of creating an application that would run on disparate operating systems without recompilation. But applications were based on ASCII screen forms designed for asynchronous terminals.

As the arrival of Windows and then the Internet displaced asynchronous terminals in the mid-to-late nineties, the need arose to transport applications between disparate graphical user interfaces. Four Js enhanced Universal Compiler, with an abstract presentation layer enabling applications to run indifferently between Windows, Java and browser thin clients. Renamed 'Business Development Suite', it was a unique product of its day. In the Fall of 2003, Genero continued raising the bar with an abstract presentation layer based on the XML standard.

What We Do – Doing More With Less

In a world of geo-political and economic instability, IT budgets are usually the first casualties of financial 'belt-tightening'. And yet the role of IT is to provide those very cost efficiencies with streamlined business processes. So how can you deliver more with less? How can development teams increasingly innovate with fewer resources? With Genero you can. Genero enables the development of more business logic with less code. By reducing code length up to five fold, there's more time to innovate. Less code means fewer bugs, greater reliability and faster time-to-market for new applications. Greater innovation means a business logic that keeps pace with market trends, sharpening your enterprise's competitive edge.

An Open Architecture

To achieve this, Four Js provides an infrastructure (a Dynamic Virtual Machine, an abstract presentation layer, a programming language, an integrated visual programming environment, and a database) for the development and deployment of high-performance mission-critical business applications. In addition, we provide a deployment infrastructure that helps companies field business applications quickly and effectively. This infrastructure supports multiple databases, operating systems, and types of display, requiring minimal and in most cases, no changes to your software when migrating from one database, operating system, or display to another.

Database Agnostic Business Logic

Database access lies at the heart of Genero, reflecting the fact that they are at the heart of most business applications. Developers can write business logic in a straightforward, easy-to-learn, English-like programming language that embeds SQL statements as a first-class language element. Genero's Open Database Interface (ODI) works with IBM DB2, Informix, Microsoft SQL Server, MySQL, Oracle, PostgreSQL, and Sybase through efficient, native-compiled drivers. Developers using Four Js tools can easily write applications that use multiple heterogeneous databases at once.

Developer productivity and run-time efficiency are not trade-offs with Four J's: our developers have both. With the ease of writing business logic and doing data access in our fourth-generation language, and the ease of designing forms with Genero Studio, Four Js offers developers outstanding productivity, improving market responsiveness and shortening time-to-market for new applications and features. With the efficiency of our runtime engines and database drivers, the runtime performance of our applications readily meets and exceeds user requirements.

Write Once, Deploy Anywhere

Many language systems have claimed platform independence, with varying degrees of truth. Four Js actually achieves platform independence among all its supported platforms. For example, our server runtime works on Windows, Unix, and Linux systems, all without requiring recompilation. You literally can compile once and run everywhere, since a Dynamic Virtual Machine runs Genero's portable "byte code" efficiently on each server platform. By the same token, you can reduce your test cycle effort, since the exact same application executable runs on AIX, HP-UX, Linux, Solaris, and Windows.

Service Oriented Architectures

Our products interoperate with software written in a variety of languages, running on a variety of platforms, using industry-standard protocols like Web services. With Four Js, you never have to rip out and replace your existing databases, applications, or Web sites. Ever faithful to our founder's vision, Four Js strives to insulate your business logic from your presentation and database layers. Over the years, Four Js customers have upgraded their hardware and their operating systems without ever having to rewrite their business logic.

About Our Products

- **Genero** comprises Business Development Language (BDL), an easy-to-learn, legible, business-oriented programming language. One of Genero's unique features is the use of XML in its presentation layer architecture enabling the same business logic to be displayed on heterogeneous graphical clients without recompilation. By using XML in this way, Genero provides a portable and flexible state-of-the-art thin client eliminating the need for expensive specialized knowledge of each individual API.
- **Genero Studio** is the integrated development environment for Genero. Genero Studio provides an intuitive, productive suite of visual tools for creating Genero application interfaces, and code-oriented tools for developing and debugging the underlying program logic. Genero Studio lets developers design custom user interfaces graphically, easily generate forms from database schemas, write business logic with a minimum of fuss, and respond quickly to evolving market needs.
- **Genero Mobile** is a plug-in to Genero Studio, which enables the creation of native mobile applications simultaneously for iOS and Android. You'll get the performance and the look 'n' feel from our native development environment.
- **Genero Report Writer** enables the creation of rich layouts using an intuitive report designer that supports enterprise features found in products orders of magnitude more expensive; page and group headers, smart page-breaks, running totals, charts, images, fonts, bar-codes, vector graphics, and tables. Stream high-volume graphic reports merged from multiple data sources comprising complex, nested data structures. No matter how long your report is – just a few pages or thousands -the streamed output will always start printing in a matter of seconds

About Our Support

From the very start, Four Js placed customer support as its top priority. Great products and documentation are only the beginning: there's always something more for a developer to understand. We believe in establishing and maintaining long-term relationships, so we believe in listening to our customers and giving them what they need, when they need it.

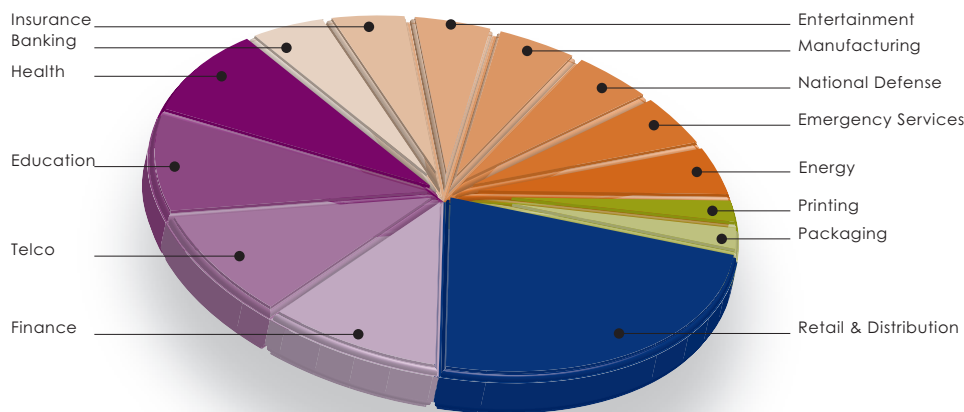
Four Js technical support is as close as the nearest phone or Internet connection. You can speak with highly skilled engineers in our worldwide support centers.

Sign up for one of our maintenance contracts and you'll have access to full versions of our products, the latest patches, bug tracking, online licensing and much more. We also offer a range of high-quality training courses and tutorial materials to ensure you receive and maintain the knowledge you need to make the most of your Four Js business application investment.

Our Loyal Customers

One of Four Js key strengths is its diversity; be it geographic, industry specific or the size of enterprise it serves. We are present on all 5 continents. We are deployed in most industry specific markets: banking, insurance, energy, retail & distribution, telco, media, manufacturing, packaging, national defense, emergency services, health, education and city finances to name but a few. Our customers range from the 'mom 'n' pop' corner shop to Fortune 500 global multinationals.

Asus, AT&T, Banque Populaire, BBC, Biel Crystal, BP, Ceva, C&S Wholesale Grocers, CVS Pharmacy, Daewoo Heavy Industries Inc., Deluxe, DHL, Directline Group, Foxconn, HP, ISSSTE, PBS, Sears, Skechers, la Société Générale, Spanish Air Force, Sprint, Tramontina, UK Ministry of Defence, US Naval Safety Center, and Xcel Energy.



FOUR Js Development Tools is present across a broad cross section of vertical markets

For example, Four Js partner Hansen Technologies is the world's leading utility Customer Information System software developer. Hansen Technologies' flagship software product is installed at major utilities in 35 regulated and competitive energy markets, for billing and customer relationship management of electricity, gas and water customers. "We chose Four Js for scalable, database-independent transaction processing.", said Paul Grey, Chief Market Strategist, Hansen Technologies.

"Hansen's clients include some of the world's largest dual-fuel utilities, with many millions of consumers and multiple market operations. Together Four Js, we have proven that utilities' multi-billion dollar cash flows can be supported with reliable, high-speed utility customer transaction processing at open systems technology costs."

Hansen Technologies completed the replacement of Xcel Energy's disparate customized customer information systems, the legacy of a merger, with a single scalable Customer Information System. The new system serves 3.3 million electricity customers and 1.8 million natural gas customers distributed over 10 states. It generates 250,000 invoices each business day, supports 2,200 rate schedules, processes over \$20 million in payments daily, and stores over half a billion interval demand readings annually.

“I’d say that Four Js greatest benefit is that it protected our IT investment from becoming obsolete. ...Four Js has allowed us to stay in business.”

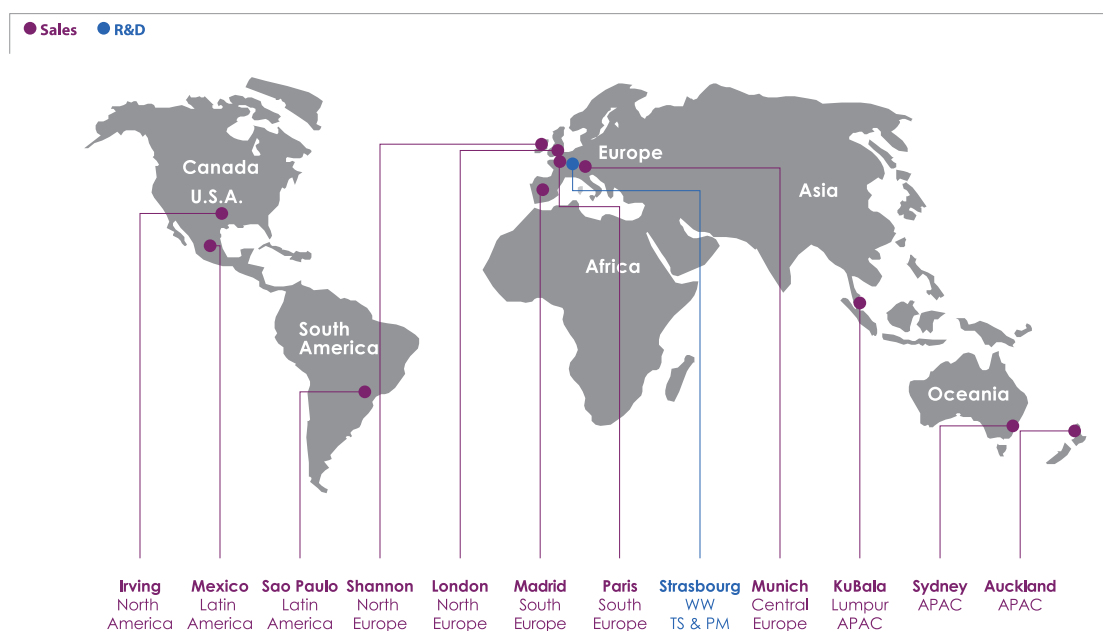
* Gerry Francoeur, Vice President, Product Development
Tylerworks Technologies, USA

“With Genero, your programmers can really focus on the business logic. Four Js Genero is easier for a developer to learn than either Java or Visual Basic. It’s an easy language to work in, we’re not too concerned about getting new hires up to speed with Genero.”

* George Pepper, Senior Vice President of Product Development
Sungard Public Sector K12 Inc., USA

Where We Are

Four Js North American headquarters is located in Irving, Texas, and its European headquarters is in Shannon, Ireland. Four J’s has 12 offices throughout Europe, the United States, Asia Pacific, India, and Latin America.



To find out more about Four Js and the Genero product suite, visit www.4js.com and/or contact us at any of our sales offices and distributors around the world. We strongly encourage you to test the benefits of Genero for yourself, at no cost, either by downloading the Genero Evaluation Program package from www.4js.com, or by contacting your local sales office to arrange a Genero “test drive”.

To learn more contact Four Js online at: www.4js.com.



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