

# **SS&S Consulting Services**

*Software Services and Solutions, Inc., provides expert consulting services in information technology, software architecture, and software development for businesses and organizations worldwide. We have earned our knowledge of open systems, networking, project management, and object-oriented technology in over fourteen years of development under Unix and other environments.*

*Software Services and Solutions, Inc., gives you the competitive edge in information technology, training, and mission critical applications development.*

*Contact our Main Office for more information on our worldwide consulting services and training programs.*

## ***Financial and Trading Systems***

Software Services and Solutions, Inc., concentrates its consulting on the financial and trading applications areas. Our ObjectWare, computational engines, decision support systems, and other technology has allowed us to construct custom enterprise-wide trading and analysis systems that outperform other systems costing an order of magnitude more.

Our philosophy is to provide our clients with a cost-effective balance of custom software, leading edge technology, and established technology to produce powerful, well-connected information systems.

We work extensively with the proven technology of off-the-shelf analysis systems to integrate them into the overall solution we create for a customer. High-performance analysis tools are just one part of the SS&S toolkit. We also leverage off tools that provide network-wide notification and data distribution. Our database experience and tools allow us to incorporate historical data analysis and storage in solutions that can scale globally.

Here are a few of the trading and financial systems Software Services and Solutions, Inc., has created for its clients:

- Globally integrated trading system software, including secure, reliable message delivery and database replication
- Position management system for commodities trading, with real-time exposure calculation
- Design and prototype of a risk analysis and distribution system for a commodities firm
- Real time, global market data delivery systems with database backing
- Counterparty management system with credit verification
- Historical market trend analysis and display system

## ***Database Technology***

Software Services and Solutions, Inc., specializes in the rapid design and implementation of custom corporate information solutions in distributed environments. Our experience in developing such systems has given us a deep understanding of the ways to maximize their performance and utility, and our special relationships with providers of critical technology have allowed us to discover and learn to avoid the pitfalls inherent in even the best systems. Our clients benefit from the fusion of our proprietary database tools and objects with the latest technology from other vendors, often before it is generally available. Our philosophy is to provide our clients with a cost-effective balance of custom software, leading edge technology, and established technology to produce powerful, well-connected information systems.

Software Services and Solutions, Inc., has a deep familiarity with object-oriented data access layers, and has contributed to the development of this technology. We developed the QuickBase SQL DBKit Adaptor under NEXTSTEP. We have also designed and implemented our own persistent object layer on top of Sybase and other data sources and sinks and have worked extensively with Oracle. Our low-level database knowledge and our persistent object schemes complement off-the-shelf data access

mechanisms and allow applications and enterprise-wide solutions to go beyond their capabilities.

Some of the custom database systems we have built for clients:

- Object-oriented database systems with object caching and persistence.
- Data access layers for distributed heterogeneous networked environments with real-time feeds.
- Global database access, including hierarchical networks using local data servers to propagate data across low-speed communications links.

## ***SS&S Custom DBKit Adaptors<sup>TM</sup>***

SSS Custom DBKit Adaptors provide a nearly transparent interface between the high-

level objects of the DBKit and the data sources for which they are written. SSS Custom

DBKit Adaptors can be created for a one-time flat fee of \$10,000.00 for well-structured

information sources, such as most relational databases. SS&S, Inc., has the technology

to turn out SSS Custom DBKit Adaptors in a fraction of the time and cost of you own staff

or contract programmers.

## ***Networking***

Software Services and Solutions, Inc., networking expertise runs from Unix kernel drivers

for serial line Internet connectivity to custom network design for large, heterogeneous

networks. Our deep understanding of networking protocols under Unix, Mach, and other operating systems allows us to design and create advanced client-server architectures quickly and correctly. Our practical experience with protocols and hardware ensures that we will design a system that can handle its data requirements without delay or downtime.

Some examples of the many unique, mission-critical network designs Software Services and Solutions, Inc., has created for its clients:

- Network design and management for a geographically distributed heterogeneous development and production environment
- Network design and management for a secure distributed heterogeneous production environment for highly sensitive mission-critical applications
- Integration and distributed management of NeXT and Sun workstations and file servers with high-performance supercomputing servers
- Integration of multivendor protocols in a corporate network

**For more information on our services and products, contact our Main Office:**

**Main Office**

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