



Software Integration Services Inc.

Tomorrow's Innovations, Today



Welcome to the world of SIS *Excellence in*

- **Plant Automation**
- **Enterprise Solutions**
- **Business Applications**
- **Internet Applications**

Profile



SiS is a fast-growing consulting and software development company. We provide high-end systems and business solutions for complex businesses utilizing current technologies and expert professionals in software and turnkey project development.

SiS was founded in 2001 based on the principle of Highest Quality, Strongest Reliability and Lowest Cost and Complete Customer Satisfaction.

Our company's primary technological focus is in the areas of open systems, relational databases, distributed processing, object oriented windowing technologies, SAP and process control automation for metals and other industries. Our consulting services involve the comprehensive review and analysis of selected aspects of our client's business by a team of sophisticated systems experts on a project management basis. Typically, our company is staffed to complete an engagement.

Our multiple software development partner centers in India and associates in China, Dubai, Hong Kong, Singapore and Australia have an excellent track record and serve a world wide clientele. Our offshore development centers are equipped with state-of-the-art technologies, well structured methodologies, documented coding standards, and established proven processes for large scale, complex software development and systems integration. Our people are experts in their field. Professionals who have gained their experience in their subject over many years with companies of all sizes from all over the world.

We thereby, bring to our customers a global network of experienced engineers and consultants with the best practices and methodologies. Our team of experienced consultants have been able to assist clients while minimizing risk and maximizing system performance in some of the following areas:

- * Provide project management services for the development and implementation of integrated process control, drive control, and information systems to ensure that the client's objectives are achieved.
- * Providing a full range of control system integration services including consulting, project management, system development, system retrofits, system document development, training, and 24-hour service.
- * Develop and/or implement systems using standards and practices that are consistent, so as projects are implemented, the client's objectives are realized. In addition, a high level of system integrity, system performance, and system maintainability are achieved.

We have formed alliances with leading companies like Microsoft, IBM, Sun Microsystems, HP, Cisco, SCO and Citrix amongst others, to provide the best available solutions/ technology to our clients



STEEL MILL APPLICATIONS:

At SiS, we supply and commission innovative automation solutions to the metals industry. The emphasis is on process control systems that adapt, learn and provide users with the information they need to enable them to continuously improve their operations. We have extensive experience serving diverse industries in the design, development, and deployment of critical automated manufacturing and business systems using a wide variety of technologies. We use the most advanced tools available on the market. We specialize in rolling mill automation with Level 1, Level 2, MMI & Data Warehousing Systems. We have expertise in C, C++, ADA, Java, VB, Oracle, X/Motif & Fortran for VMS, Win/NT, UNIX & PLC systems. Currently, we also provide design spec development, training, networking & maintenance services.

Our consultants have proven expertise in GE, ABB, Siemens, Honeywell and VAI automation systems. Besides developing complex automation software, our consultants have successfully installed and commissioned and are maintaining many Hot Rolling Mills and Plate Mills all over Asia and North America. Tools and utilities developed by us are aiding Mill operation and Process Control Personnel in China, Middle East and Mexico.



INTERNET APPLICATIONS:

We customize our client's collection of management, design and development services to meet their specific requirements. Our IT services division leverage Internet technologies to deliver end-to-end e-business solutions and professional services to clients worldwide. We offer clients technology solutions in CRM, Infrastructure, B2B, e-Commerce and e-Integration. We cater to clients in different industries and have designed & developed many internet and intranet sites. We also provide web site maintenance.

REAL TIME SYSTEMS:

Our engineers have many years of experience in mission critical, real time systems for heavy industries such as steel. Many of our products use bleeding edge technologies like XML, ASP.NET and C#. No matter what the platform, our experienced professionals can seamlessly integrate new equipment, hardware and software with your current system.

Our domain knowledge spans the following Areas:

* **HMI** – We build custom user interfaces Visual Basic, FactoryLink or Wonderware. These interfaces are the window into your automation system, allowing for operator intervention as well as automated supervisory control functions.

* **Tracking utilities** – We develop customized applications for Slab Tracking, Coil Tracking and Defect Tracking. These applications provide start-to-finish tracking of products, process or product defects. These tools are developed to provide real time tracking information. They are easily configured and have hooks and handles for easy integration with the rest of the process automation.

* **Data Collection and Analysis** – We have created data collection and analysis systems for many industries including Steel, and Health Care.

* **Data Warehousing** - We develop very sophisticated and efficient decision support systems needed by engineers and managers for organizational decision making. These sophisticated systems use the latest data warehousing techniques to efficiently troubleshoot process control problems, automation bottlenecks, and to identify potential areas of improvement. Without such a system, it's extremely difficult to analyze a humongous amount of otherwise very useful data because of time and resource constraints

* **Diagnostics & Troubleshooting** – We develop custom diagnostic programs that will troubleshoot your real-time system and process problems. Diagnostic programs can monitor and alert operators to potential problems, provide remote access to integrated systems and record valuable information for post-problem analysis.



ERP IMPLEMENTATIONS:

We have extensive experience in implementing prepackaged ERP solutions like SAP R/3, Oracle and Baan for Steel Mills, Power and Utility companies, an Oil & Gas company, and for a Public School system. Since we specialize in state-of-the art technologies - Baan, Oracle and SAP in particular - we have been successful in providing U.S. corporations the best technological solutions in client server based systems and applications. We also have wide experience in providing custom solutions for the metals industry, thereby eliminating the need for costly changes to business processes. We build enterprise-wide IT systems for organizations that will not be making fundamental changes to business requirements in future.

Our SAP functional and technical consultants have full life-cycle implementation experience in a variety of industries. Apart from customizing a packaged ERP suite providing the flexibility to change and grow with the business, we can also provide know how and experienced resources for data migration from legacy systems. Whether its customizing a packaged ERP solution or building an ERP system from scratch, SiS can provide the best solution at competitive prices. Not only that, we can even help customers evaluate their ERP needs and decide whether to build or buy.

Skill Set



Languages

- C/ C++/Ada
- SQL
- Visual Basic
- VB/Java Script
- PERL
- Java-ASP/XML

Frameworks

- ActiveX
- MFC
- ODBC
- TCP/IP
- Serial

Design

- OOA
- OOD
- UML

Platforms

- VMS
- Windows NT/2000
- Windows 95/98
- UNIX

Databases

- SQL Server
- Oracle
- Access

PLC

- Reliance ElectricAutomax
- Allen Bradley SLC
- GE's IOS 2000
- Honewell

ERP

- SAPR/3
- BAAN
- Oracle

Tools

- EXCEL
- FactoryLink
- FrontPage
- Visio
- Rational Rose
- Flash

Industries Served

- Steel Mills Power and Utility -Health Care Manufacturing
- Public Sector -Power and Utility -SCADA