



SAP Implementation Services

SUCCESS

GUARANTEED

In keeping with global trends, intense change is redefining the possibilities in process industries like Pharmaceutical and Chemicals. The industry landscape is in a state of flux with waves of opportunity beckoning from every front. The breadth of opportunities for Small and Medium Business (SMB) segment has never been more. Time frames are getting smaller and the stakes are getting bigger. Only the organizations need to get fitter. We mean, internally better managed, through disciplined adherence to processes.

To address the rainbow of opportunities in a dramatically changing world, it is imperative that the processes followed by the SMB companies conform to GXP (GMP, GCP & GLP). And for those setting their sights higher and seeking the participation of global majors in their businesses the need is to become world class. Global majors are keen on partnering with companies who have implemented

SAP Solutions for the Process Industry

SAP is the de facto leader worldwide in enterprise solutions. In the process industries sector, a majority of the top 500 companies in the Chemicals and Pharmaceutical industries in the world use SAP. Most of these companies opted for SAP for the following reasons:

- ˘ Built-in best-of-breed business processes.
- ˘ Industry best practices are incorporated
- ˘ GMP-compliant processes - in Procurement, Production, Quality, Maintenance and Sales Management
- ˘ Multi-lingual support enables an enterprise operating in several

countries with different languages to use the same system, access the same data and get information in their language of preference.

- ˘ Foolproof access control of data. By opting for SAP solution, organizations can look forward to improving efficiency, effectively managing costs and improving profitability.

SAP Solutions for the Process Industry

How Can SAP Help Your Business?

Integration of Business Processes

SAP is a totally integrated solution that helps companies respond to changes in real-time by providing information on price changes, process optimization, product mix and inventory planning.

Improvement in Operational Efficiency

SAP solution enables identification of areas for improvement on a continuous basis. So, you now have answers to questions that always troubled your mind:

- What is the **profitability** of my business?
- Which one of the company's divisions is contributing to **maximum profits**? Which one is lagging?
- Is the plant running as per the **production plan**? Else, what is the deviation level?
- What is the **sales performance**

- vis-à-vis the targets?
- What is the **equipment availability**?
- Is **plant maintenance** being carried out as scheduled?
- What are the statistics of **equipment breakdown**?
- What are the **accounts receivable** outstanding?
- What are the **accounts payable** liabilities?
- What are the **cash flow** requirements?

Collaboration between Customers and Suppliers

By using SAP organizations are able to seamlessly integrate their business data across the supply chain resulting in significant improvement in operating efficiency. The following are typical benefits:

- ˆ A purchase order placed by a customer can be electronically transmitted from the customer's SAP system to the supplier's SAP system
- ˆ This data gets automatically

- picked up by the suppliers' SAP systems and gets included in the planning cycle
- ˆ Supplier can have access to the forecast of requirements from the customer and use this data for his planning
- ˆ If the supplier grants permission, the customer can see the status of his order and get details of the probable delivery date

Compliance with Regulatory Requirements

SAP solution enables adherence to regulatory requirements like management of:

- Bills of material
- Recipe
- Multiple quality parameters for a product
- In-process quality
- Shelf life

SAP solution also can ensure adherence to storage conditions, and handling of by-products and co-products.

For **Pharmaceutical companies**, SAP solution complies with requirements of

SpectraSoft for Implementing SAP Solution

Discover SpectraSoft Technologies, the ideal partner for providing end-to-end technology solutions to Chemicals and Pharmaceutical industries. SpectraSoft's consultants have extensive domain experience in the above industries and have hands-on experience in implementing solutions. The consultation team has experts from Research & Development, Manufacturing Technology, Regulatory Affairs, Quality Assurance and Sales & Marketing.

Our core strength is our domain expertise. Our team comprises of consultants who have extensive domain specialization in the these industries. All our functional consultants have

4+ years functional experience and one full cycle SAP implementation experience. They are GMP-trained and those servicing the pharmaceutical segment have undergone hands-on US FDA audits.

Specialized SAP Solutions and Services from SpectraSoft

As a SAP Partner for implementing SAP Solutions in the Pharmaceutical, Chemical and Food Processing sectors, SpectraSoft offers the following solutions

SAP All-In-One ERP Pre-Configured Solution **SST:A1Pharma Integrated Pharmaceutical Manufacturing Solution**

The solution has been configured to comply with requirements of cGMP

Processes and conform to requirements such as US FDA 21 CFR Part 210 and 211 applicable to processes managed through IT solutions. Some of the critical processes that are specific to pharma industry that are configured are

- ˆ Brand protection
 - ˆ Bill of Materials and Recipe Management
 - ˆ Test Plan Management
 - ˆ Notification Management
 - ˆ Vendor Qualification & Approval
 - ˆ Label Management
 - ˆ Batch Costing
 - ˆ Batch Yield Analysis
 - ˆ Bi-Directional Traceability
 - ˆ Configuration to enable compliance with US FDA 21 CFR Part 11
- 100+ reports specifically developed for pharmaceutical requirements are provided along with SST:A1Pharma solution

SpectraSoft for Implementing SAP Solution

SST:AIChem Integrated Manufacturing Solution for Chemical Industry

SpectraSoft's All-in-One pre-configured SAP solution for Chemical industry enables chemical manufacturers to manage their enterprise amidst growing global competition, driving control over operational costs, maximizing profits and managing stringent environmental controls in manufacturing.

The tightly integrated solution facilitates reducing inventory, tracking of payables & receivables, cash flow planning, tracking production progress, identification of bottlenecks for enhancement of capacity utilization and optimization of resources utilization.

SST:AIChem enables enterprise-wide performance measurement by facilitating reduction in planning

cycles, lead times, continuous process improvements, faster response to new opportunities, improvements in customer service and response to customer demand through reports that provide the Right-Information, to the Right-Person at the Right-Time.

Functionality critical for Chemical Industry operations configured are as follows:

- ˆ Batch and recipe management
- ˆ Predictive and preventive maintenance
- ˆ Product quality management (raw materials, finished product and in-process quality reporting)
- ˆ Solvent management
- ˆ Dynamic in-process sampling management configuration
- ˆ Co-product/By-product management
- ˆ Batch costing
- ˆ Yield computation
- ˆ Configuration of compliance to safety requirements during equipment maintenance

SpectraSoft's Implementation Methodology Spectra:AIM™

Spectra:AIM™ is designed to enable appropriate transfer of knowledge to its customers in all areas including change management, definition of where-to processes and training methodologies to facilitate effective use of the deployed solutions.

Knowledge to Deliver Guaranteed Success

Expert domain knowledge coupled with a proven implementation methodology has enabled our proven track record and worldwide acclaim (Orchid Chemicals & Pharmaceuticals Limited's SAP implementation has been rated as the “Best SAP Best Practices Implementation” in the world in an International benchmarking study conducted by the University of Applied Sciences, Germany). Our core

Call Us for Guaranteed Success

If you are expecting more from your SAP solution, ensure you have SpectraSoft on your side. We can make all the difference to your business. Simply put,



Corporate Office:

1, 6th Floor, Crown Court
128, Cathedral Road
Chennai 600 086. India
Tel: +91-44-28112714
+91-44-28112715
Fax: +91-44-28114595

Marketing & Sales Office:

"Heera Paradise",
2nd Floor, 487, 9th Main
4th Block, Jayanagar,
Bangalore 560011. India
Tel : +91 80 32955154
+91 80 65662987
+91 80 22450992
email: sales@techspectra.com

US Office:

116, Village Boulevard,
Suite 200, Princeton,
NJ 08540
USA

www.techspectra.com