



ATWSPL

'TOPSPIN' ERP TECHNO-MANAGERIAL
ISSUES

'TOPSPIN' ERP | ATWSPL

About ATWSPL

ATWSPL is an IT organization incorporated in the year 1992-03, specializes in the area of information technology exclusively for textile spinning industry. ATWSPL subsequently implemented 'TOPSPIN' ERP at various textile spinning mills for value additions.

'TOPSPIN' ERP is the first ever most comprehensive ERP that is highly rich with production resource information because hard core textile technology has been converted into latest software languages in a way that a common user in a textile mill can understand and use.

'TOPSPIN' ERP being a very comprehensive solution understands the requirement of spinning industry in an integrated manner. The domain knowledge and expertise is acquired & applied to instantly construct enterprise wide information for authentic resource management.

Customer Location

Customer will decide the locations where 'TOPSPIN' RDBMS application will run.

Customer Monitoring

ATWSPL has prepared project-monitoring formats and the same will be submitted to CUSTOMER after the sign-off.

- **Scope Of ERP**

'TOPSPIN' ERP Modules consist all the business processes performed in different departments of textile spinning industry, manufacturing cotton & synthetic, 100% & blends.

- **General Setup To Create Master Entries Like:**

Plant & Machinery, Fiber, Yarn Products, Customer, Vendor, Service Providers, banks, currency, measurement units & Other Master Entries

- **Management Accounting**

- o Monthly Budgets & Auto-comparisons with actual technical and financial figures with the budgeted figures by the ERP application software
- o Costing & Product mix decisions

- **Marketing & CRM**

- **Manufacturing [Production Planning & Control]**

- **Manufacturing Support Services**

- o Quality Control
- o Maintenance
- o Engineering

- **Supply Chain Management**

- o **Procurements**
 - o Raw –Materials
 - o Store –Materials
 - o Sales & Logistics

- **Inventories Of Yarn, Fiber, Waste, WIP, Stores & Scrap [Quantities & valuation both]**

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- **Human Resource Management**
- **Financial Accounts**
Consist book keeping With, TDS, EPCG license, GST.
- **Management information system [MIS]**
 - Technical Performance
 - Commercial Performance
 - Strategic Information System
- **Business Intelligence & Analytics**
 - Fiber
 - Production
 - Costing
 - Marketing & Sales

Project Resources

People

Industry Specific 'TOPSPIN' ERP project will require team from **ATWSPL** and in order to finish the assignment. Team members will have to work in an interrelated network environment (ego-less) where everyone needs to communicate with everyone else on the regular basis. Hence a coordination committee will be required to successfully utilize the human resource.

Identification Of Resource Person

Customer will hand over a list of resource person, department wise so that the **ATWSPL** may have required interaction with them.

Coordination Committee

ATWSPL and **customer** will jointly appoint a coordination committee in order to address all the issues pertaining to the implementation of '**TOPSPIN**' ERP.

Identification Of Hardware & System Software [To be arranged by customer]

User Server-side

Industry specific ERP compatible server **minimum configuration** and Microsoft software requirements will be as under: Server Specifications: SERVER Model T110 DELL Power edge T110/ 1 x Intel Xeon Quad core 3480 Intel 3400 chipset 6 GB RAM, 1333MHz DIMMs 2 x 1 TB SATA II HDD (max 6) Windows 2008 Server with required CAL for Clients SQL Server 2005 / 2008 R-2/ 2012 with required CAL/processor license Crystal report 11/ above

Note: Server & above hardware configurations submitted as minimum requirements to run 'TOPSPIN' ERP. Moreover, higher end specifications may be opted for longer usage.

User Client-side

Industry specific ERP compatible hardware **minimum configuration**& Microsoft Software requirements will be as under:

Processor: Intel Core i3 (1st Gen),System Memory: 4 GB DDR3,Display Size: 18.5 Inch LED,HDD Capacity: 160 GB, Graphics, Dedicated Graphic Memory:: 1GB Graphics, Dedicated Graphic Processor:

Intel HD Graphics, Platform, Operating System: Windows 7 Ultimate, Architecture: 64-bit, Optical Drive, Drive Type: DVD RW, Keyboard:: USB Keyboard Input Devices Mouse:: USB Mouse Existing computers with 3.2 GHz processor, 800 FSB and minimum 2GB RAM or minimum 512 MB RAM Dual core computers can also be utilized.

Operating System Windows 7 Ultimate with required CAL/processor license. Moreover, to begin with existing computers can be used.

Computer Network:

Since, 'TOPSPIN' ERP is required to be deployed at works, LAN/WAN connective will be required.

Connectivity

'TOPSPIN' ERP is required to be deployed at more than one locations point to point dedicated connectivity of minimum 2 MBPS [leased line/VPN/MPLS] will be required for linking the desired locations for smooth data transmission.

Networking Accessories

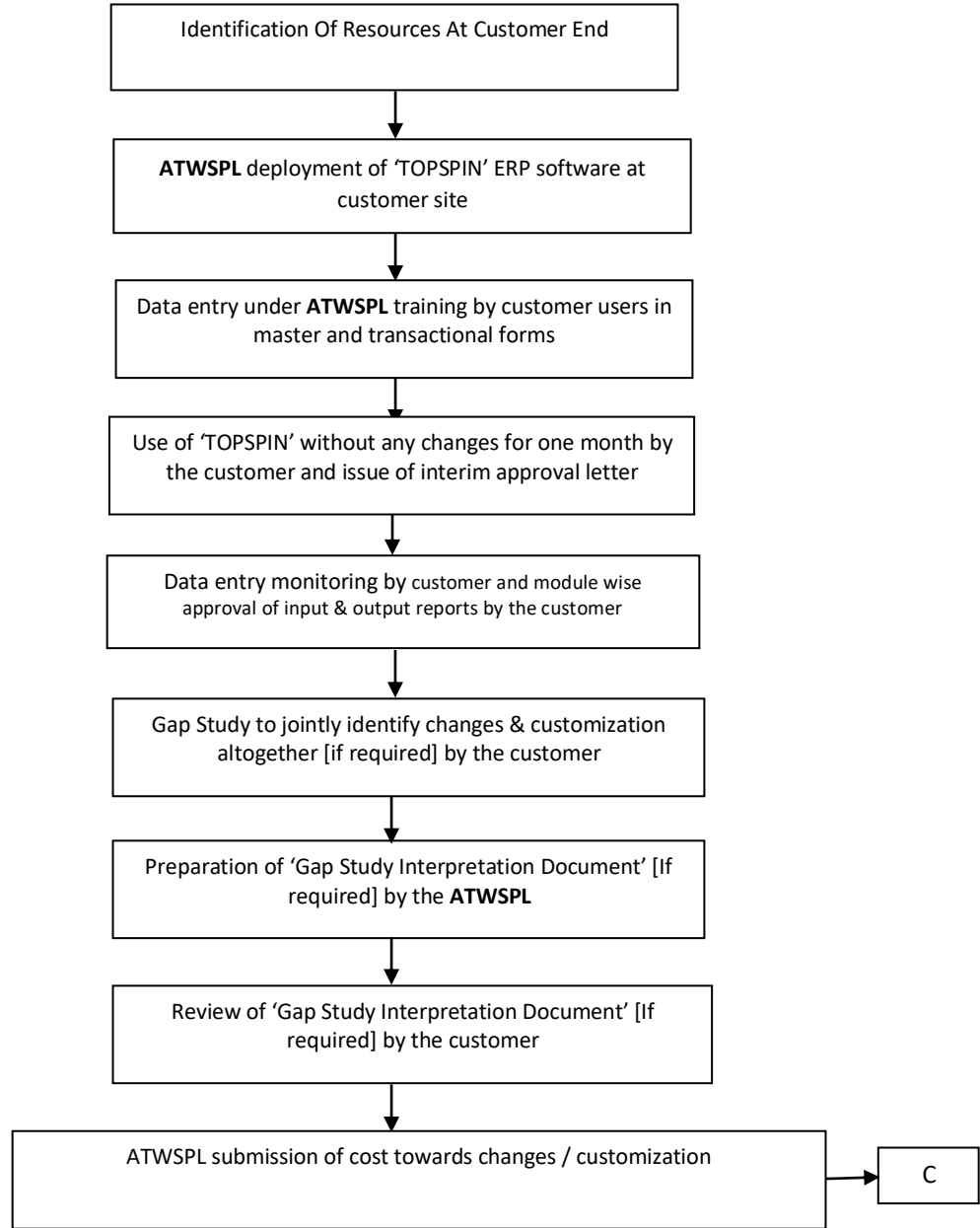
- 24 Port or more Gigabyte Switch CISCO make
- 2KVA Online UPS with 30 Min backup
- Required cables UTP CAT 6

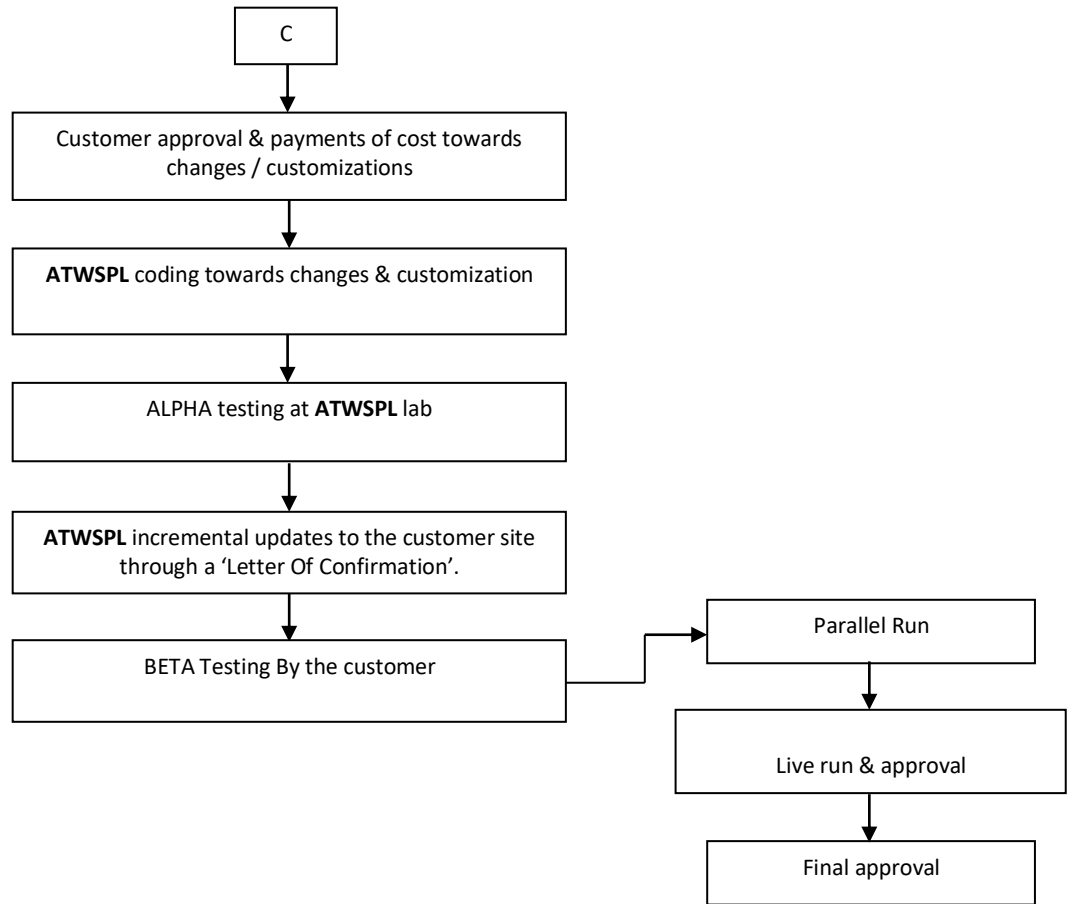
ATWSPL Requirements At Site:

ATWSPL visiting team will require a separate sitting air-conditioned room [office] at site having one computer per person with internet connectivity available over at least one computer. Intercom and call facility on demand will be appreciated by the **ATWSPL** visiting team. One laser printer and required stationary will also be required to **ATWSPL** visiting team during implementation.

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1. ERP Project Steps& Methodology





2. GAP Analysis

'GAP Analysis report: TOPSPIN ERP project begins with deployment and one month continuous entry in the system with demanding any changes. After reconciling the reports GAP analysis may be conducted to identify organization requirement viz a viz existing 'TOPSPIN, ERP application.

A GAP Analysis report will be prepared by ATWSPL in consultation with users and management at customer site. This report will be treated as a basic logic for customization. ATWSPL will submit cost estimate including duration required during customization. Customization will start after customer approval.

ATWSPL will conduct detailed 'GAP Analysis' comprising following major activities as per system statement of scope:

2.1. Identification Of Resource Person For Gap Analysis

Customer will hand over a list of resource person department wise so that the ATWSPL team can interact with them. Coordination committee will be required to monitor the study deliberations

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based on a format submitted by ATWSPL that consist the monitoring details of time devoted by the resource person during interactions.

2.2. Preparation & Submission Of GAP Analysis Interpretation Document

Gap analysis being the most critical area must be addressed adequately in terms of time schedule and clarity. Hence, team of ATWSPL will interact with the resource persons of CUSTOMER and submit an interpretation document in text format daily. Resource persons of customer will approve the same in writing. On completion of interpretation activity, ATWSPL will submit **Gap Analysis Report** with the customer and the same will be treated as the base document for any references in future including customizations.

2.3. Implementation & Customization

ATWSPL team will deploy 'TOPSPIN' ERP application at customer location and as per the requirement of customer, ATWSPL will customize the same. The terms & conditions related to implementation & customizations are mentioned in the commercial proposal in detail. ERP implementation will also consist the following activities. Namely:

2.3.1. Selection Of Implementation Team

Customer will hand over the list of team for ERP implementation to ATWSPL

2.3.2. Implementation Strategy

The implementation will be divided in maximum four increments. A list of milestones and deliverables will also be submitted by ATWSPL to the customer at this stage of ERP project.

2.3.3. Testing & approval

2.3.3.1. The codes will be tested on the basis of ALPHA test at ATWSPL lab so that the construction of customized application may be released for the CUSTOMER users who in turn make BETA testing at customer site through data entry and report reconciliation to issue approval letters

2.3.3.2. During BETA testing customer will ensure timely data feeding in the system. Data feeding will be monitored by the coordination committee over a prescribed format submitted by the ATWSPL. Delay in data feeding can cause project over shoot and hence customer will use its administrative powers to ensure timely compliances of data feeding assignments. ATWSPL cannot be held responsible towards the same

2.3.3.3. During BETA testing bugs will be identified. Such identified bugs will be communicated to the ATWSPL over a prescribed bug removal format [only] for removal as well as monitoring of bugs removed.

2.3.3.4. ATWSPL will remove the bugs. The individual data input screen and output will be tested, reports reconciled and approved by the customer simultaneously.

2.3.3.5. Approval & Final Acceptance

Customer will issue a letter of approval to ATWSPL as final acceptance.

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3. ATWSPL Support & Training During 'TOPSPIN' ERP Project

ATWSPL will provide all possible support to the customer during the entire project life cycle. ATWSPL team will submit a system flow diagram with the concerned users so that they may understand the data flow and pre-requisites.

ATWSPL will provide on the job training and demonstrate data entry and then the users will enter data before the team. Only relevant or live data will be entered so that data sanctity can be ascertained. Later in case users find any difficulty in entering data, they may contact ATWSPL implementation team. When ATWSPL team is not available at site the users may interact using virtual software like team viewer to resolve their problems.

ATWSPL team will organize separate training sessions for top management and the database administrator [DBA].

Moreover, customer will arrange training for fundamental computer operations to their ERP users.

3.1. Selection Of DBA

Database Administrator (DBA) will be required to maintain database and re-training to the users. ATWSPL will support in selection of DBA if required.

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