

PROCUREMENT INTERFACE

THE CHALLENGE

Our client, the world's largest electronics manufacturing services company, provides a full range of global manufacturing and supply chain management services to the world's premier high-tech electronics companies. Their offerings include new-product design and introduction services, materials management, product manufacturing, product warranty and end-of-life support. The company had sales of \$11 billion in fiscal 2003.



They needed to implement a central parts procurement initiative in order to support business growth, increase business agility, and reduce inventory costs. In addition to other internal efforts to meet this goal. A need to outsource a portion of the work was identified.

iSOLUTION™
Methodology

The effectiveness of our approach produces solid results: Quality applications delivered on time and within budget.

- Business priorities drive the planning
- Business requirements are central to the solution
- Business benefits are realized more rapidly

THE SOLUTION

TiBA Solutions was able to respond quickly. Internal resources were involved on other projects and could not commit to completing the project on the customer's schedule. TiBA Solutions was able to respond with the experienced resources needed to do the job on time.

TiBA created a custom interfaces to handle the data exchange between the Level 1 ERP application and the 3rd party logistics (3PL) warehouse application. This interface performs a Netting function between the two inventories providing an integral part of central parts process.

Initially, TiBA Solutions worked with the client and their 3PL supplier to identify requirements for the solution. Through a process of workshops, interviews and surveys with stakeholders, TiBA Solutions identified the detailed requirements for the solution.

Once the requirements were documented and approved, TiBA Solutions created a functional design and developed the interfaces. TiBA Solutions then performed QA testing on the interface along with the 3PL supplier. TiBA Solutions provided overall project management and coordination between the client and their 3PL supplier.

TiBA Solutions provided the following as part of this effort:

- Project plan with milestones
- Requirements Engineering (workshops and document)
- Global Design
- Functional Design (workshops and document)
- Test Cases
- Technical Design
- User Acceptance Testing Support
- Operational & Rollout Planning
- Training Materials
- Post-Installation Support

TECHNOLOGIES USED:

- Microsoft Visual Studio 6 (Visual Basic 6.0)
- Microsoft SQL Server 2000
- Microsoft Windows NT Server 4.0
- GPG data encryption

THE BUSINESS VALUE

The value brought by the procurement Interfaces project is a significant savings in purchased inventory costs. The client realized a benefit by eliminating "drop shipment" deliveries for common parts.

The value TiBA Solutions brought was the ability to:

- Respond quickly when needed with energized, experienced staff.
- Assume a certain amount of risk, thereby mitigating the clients risk.
- Utilize a disciplined methodology (*iSOLUTION™*) for finding and extracting detailed business and system requirements that result in the job being done right the first time.
- Thoroughly understand the manufacturing environment.
- Leverage extensive experience in encryption, data interchange and related technologies.