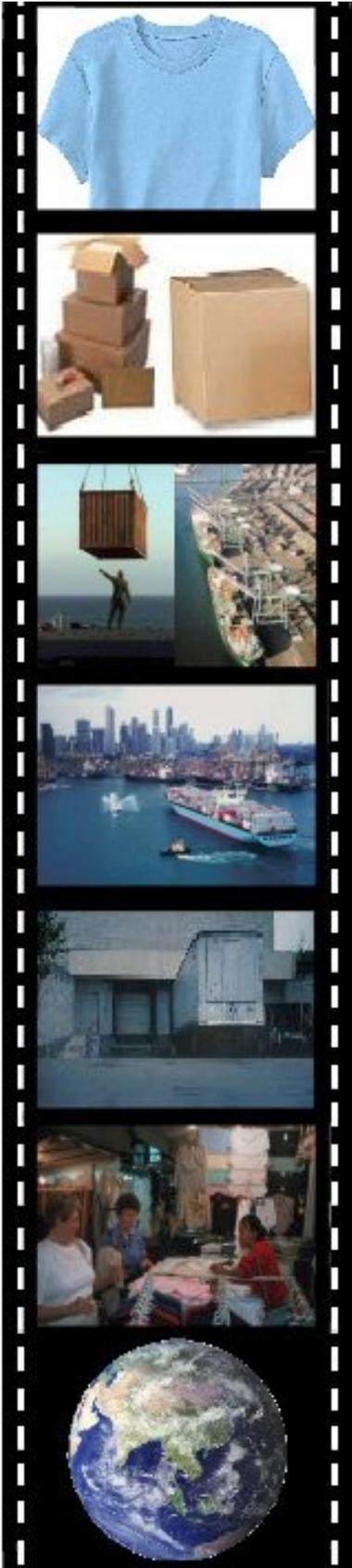




Celerasys Corporation



OUR BACKGROUND & CAPABILITIES



Corporate Background

From 1995 Celerasys has been providing engineering and information solutions to fortune 500 companies around the world. The founder, David Tuck formed Celerasys to address the need for companies to improve their tracking, logistics and general visibility throughout the supply chain process. The company was founded on its ability to react quickly to its customers' crisis situations and provide innovative solutions. Technologies are a part of the equation but more important is meeting the client's needs and fitting into our client's operations is paramount.

Celerasys team members are not only talented engineers but industry experts with the practical experience clients need. Celerasys' human resources are skilled in the latest advancements technology has to offer. More importantly, practical experience enables us to pick the *right* tool -- not necessarily the latest or most expensive tool.

Over the years the company's success has varied from providing system upgrades to complete development and integration of state-of-the-art tracking systems. These systems interface with factories, shipping companies and customers (retail and B to B) Notable projects include:

- MEA (Maersk Logistics)
- Global Tracking Solution (Warnaco)
- Program Pre-screening (AIS, Inc.)

We at Celerasys pride ourselves on a protocol that favors the client's needs and timeframe

- Analysis
- Proven Return on Investment (ROI)
- Viable Solutions and recommendations complete with milestones and estimated completion dates
- Rapid deployment and project modifications when necessary

About Celerasys

Headquartered in Nashua, New Hampshire, Celerasys Corporation is a provider of integrated product tracking methodologies and information management solutions that bridge the gap between implementing supply chain software and having a supply chain solution. We help our customers efficiently and intelligently improve how they manage their products as they move across the globe. Our industry expertise in the areas of Inventory Control, Planning, Logistics, Customs, Manufacturing and Distribution enables optimum product visibility. By deploying the best technology, services and development resources, Celerasys has delivered business platforms that better manage information resources, improve supply chain efficiencies and build stronger customer relationships. Celerasys Corporation also has offices in Waltham, Massachusetts, Concord, Massachusetts and Long Valley, New Jersey. For more information call (781) 893.8566 or visit the Celerasys website at www.celerasys.com.

OUR INDUSTRY EXPERTISE

Logistics

The Celerasys team has over 20 years experience working with all types of carriers, forwarders and brokers. Celerasys has developed tracking solutions to handle billions of dollars in global trade in multi-country environments including “Drop Shipment” programs which reduce operational costs by as much as 30%.

Now more than ever, US Customs regulations are becoming stricter. To compete in today’s economy; companies must make every information transfer as accurate as possible. In each stage of the logistics process, companies need to document movements and correctly classify and quantify their shipments. Increasing pressure to save money as a viable means for improving the bottom line makes logistics and customs excellent areas where companies can realize cost and time savings.



Inventory Accuracy and Controls

Celerasys has many years’ experience with both designing customs control systems and modifying clients’ existing system to accommodate new requirements. At any moment, our clients have millions of dollars of inventory in transit. At the same time, more goods are being produced, and still others are being received. Celerasys realizes inventory must move for our product-based clients to make money. We facilitate product flow through greater visibility at all levels of the production cycle. Our systems provide an accurate picture of a company’s financial situation at any point in time. Celerasys’ industry understanding and strategic process control methodologies can establish and maintain a clear outlook on your company’s inventory as well. Updating your inventory controls with new industry “know-how” and current methodologies will help your company drive down superfluous inventory and streamline your product pipeline.

Manufacturing and Distribution Solutions



Having worked with some of the biggest product-based companies in the world, Celerasys Corporation is able to offer specific knowledge and expertise to its customers regarding manufacturing and distribution efficiencies. From Planning to Distribution, Order placement to Order fulfillment, executives need to know how their customer’s orders are being cared for and where deadlines could be potentially missed. As more and more products are manufactured and/or assembled offshore, companies must also adapt to the international standards and languages of the local workforce

providing these services. Process enhancement and efficiencies are a great way to save time and money while boosting your company’s operational visibilities.

Electronic Data Interchange

To do business in the modern marketplace, companies must communicate well in advance to their vendors, suppliers, partners and customers. Of course, electronic data interchange (EDI) has been around for many years, but now more and more it is the most widely accepted form of communication between external parties and your business. There exist many products on the market that allege to facilitate EDI output. However, the transmission of data costs time, resources and money, so the key to a business-savvy transaction is to communicate as much as possible with as little data as possible. Therefore, the value of an EDI solution is really in the architecture and design of the individual transactions. Understanding the business advantages and disadvantages, possibilities and pitfalls of proper transaction design really makes the difference. Our team has the experience, knowledge and the practical application of these ingredients to make seamless EDI transmissions a possibility for your business, allowing you to communicate with virtually anyone.

A LOGISTICS EXPERIENCE

...WITH A LARGE LOGISTICS COMPANY IN DENMARK

Situation

A technology provider from California was contracted by our client, a prominent logistics company based in Denmark, to implement a multi-point customer accessible tracking solution for our client. Newly discovered problems with the software and integration plan necessitated the acquisition of additional outside expertise to complete the project. After a number of other consultant firms failed, Celerasys Corporation was brought in to supply the specific industry expertise and implementation of logistical business procedures. Celerasys was hired to address shortcomings in the software and ensure a successful implementation process.

Our Solution

Step 1 - Gap Analysis - identifying the problems

Celerasys conducted an extensive audit to identify specific problems within current interfaces. This included assessment of all data migration, i.e. data flow, data relationships and data scrubbing.

Step 2 - Correcting Design Flaws

The identification of gaps and proposed solutions led to our increased responsibility of the project's direction and how solutions would be integrated. Working with the Danish team, we designed internal communication standards that could logically interface with EDI/EDIFACT standards. Additionally, logic was added throughout the software to more correctly respond to the diverse types of data expected from our client's customers. Finally, error trapping and reporting was included to notify our client should any incoming data be incorrect, incomplete, or non-compliant with the transaction standards. Each of these initiatives was given a timeline, including milestones and estimated dates of completion.

Step 3 - Migration, Implementation and Testing

In order to test the new solution set, the Celerasys team migrated our client's existing data into a test environment configured to meet the exact requirements of the provider's system architecture. Data migration was broken down into specific transaction groups, e.g. purchase orders, shipping orders, shipping advice, pre-advise, etc., each one being migrated based on its dependencies with the other document groups. As each group was successfully migrated, our client realized for the first time how the provider's system would handle their volume, as well as how the system needed to be configured to protect their customers' operational data.

Results

Once Celerasys was communicating directly with executives in Denmark, milestones were quickly identified, agreed upon and achieved on schedule, thus facilitating the attainment of our client's overall objectives. Specifically, this was achieved because of Celerasys' team member experience with product-based company data and ability to synchronize all components and events within the product delivery lifecycle, from forecasting/planning of a PO/work order... to the product's final destination. This was our primary contribution to the successful progression of the project. Our efforts culminated in the completion of a working demonstration (conducted by our client's personnel) of the new system's functionality to several of the client's customers.

AN APPAREL EXPERIENCE

...WITH A LARGE APPAREL COMPANY IN NEW YORK

Situation

Our client's legacy systems were not Y2K compliant and needed to be replaced. Their transportation department was operating with homegrown Excel and MS Access applications. These applications were not standardized, relied heavily on paper documents, did not interface with each other or meet our client's current/future business needs. Our client needed the ability to electronically create and monitor international shipments and streamline their operational requirements, thereby reducing the bureaucracy and large amount of effort needed to track shipments. Our client decided to implement ACS's Apparel and Footwear Solution as their Y2K solution along with **Rockblocks**, a customizable third-party logistics package to be used by the transportation department. Celerasys was contracted to implement and support the logistics package, with interfaces to all ACS modules.

Our Solution

Step 1 - Define critical business processes and interfaces

Before a technical solution could be designed, Celerasys conducted an extensive audit of the existing software packages and current vendor data capabilities. Working with our client's transportation department Celerasys analyzed business processes, identified gaps, and created the interfacing requirements between Rockblocks and operational systems. Celerasys also worked with our client's vendors in order to determine acceptable EDI (Electronic Data Interchange) formats for the electronic exchange of data between all parties. Celerasys developed a plan for the migration of legacy data into the Rockblocks system, including data mapping and data scrubbing.

Step 2 - Development, Integration and Testing

Integration modules were created using Visual Basic and Oracle packages, linking manufacturing data to shipments to distribution. Legacy data was successfully extracted, transformed and loaded into Rockblocks. EDI transactions were developed for Purchase Orders, Commercial Invoices, Advance Ship Notices and Shipment Status Updates. Cradle to grave testing was performed through the entire system, sending data from our client's manufacturers via EDI to Rockblocks and the transportation department's business processes. Shipment's status updates were received via EDI and then forwarded to the distribution system.

Results

By our client's business transaction processes being tighter and more streamlined they have saved millions of dollars in trouble shooting and chargeback expenditures. Our client is now able to determine the status of an order electronically in real time. With Our client's new abilities to track shipments, Celerasys was able to introduce our client to their first drop shipments, where product was shipped directly to the customer's retail site(s). The implementation of the drop shipment program has substantially reduced transportation costs and increased customer fulfillment. With purchase order information being received electronically from manufacturers and shipment in-transit information being delivered internally to distribution centers, all levels of our client's business from order placement through manufacturing to distribution are operating at greater efficiency and with data accuracy.



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