

**Client**

One of the largest warehouse companies in the US specializing in logistics and supply chain management services.

**Goal**

Seamless integration between disparate systems to achieve automated data exchange in their trading partner network.

**Business Impact**

Dramatically improved supply chain efficiency – rapid process integration – over 300 business processes across several business entities in 18 months.

## Smooth, seamless logistics

*Iris develops and maintains seamless exchange of data and documents processes across diverse systems. These processes drive up supply chain integration and bring in smoother operations across facilities in a vast supply network.*

**Overview**

Iris maintains a specialized team of Boomi certified professionals to help our client on-board their trading partners rapidly using the Boomi AtomSphere Cloud Integration platform. The Iris team forms an integral part of our client's partner integration team and is responsible to deliver automation of business processes and maintain the automation of these processes on a continual basis.

**The challenge**

Our client provides a range of supply chain solutions to clients operating out of 35-plus million square feet of space (holding goods from food to chemicals) in more than 145 facilities in 35 states across the USA and with business relationships with a number of trading partners across the globe. Customers of our client rely on our client's end-to-end solutions for warehousing and distribution, packaging and manufacturing, and ocean and air freight forwarding.

Logistical networks need on-time and in-place data and documents in order to perform their business operations reliably and accurately. Traditionally, these networks have relied on the manual execution of the delivery of this information. Over time, electronic data interchange (EDI) software has made it possible for businesses to be able to effect varying degrees of automation into their processes. These methods have required businesses to install and operate hardware and software on their premises. As these businesses evolved, this has placed increasing demands on their systems infrastructure. This has been driving up costs to doing business.

**The solution**

Our client exchanges EDI documents between its customers and trading partners. Boomi AtomSphere, an on-demand integration service was employed to integrate their applications, data and trading partners directly from the Web – without installing software packages or hardware appliances. AtomSphere has increased the speed of business integration brought the cost of enterprise data and document exchange.

Iris established a dedicated team of Boomi-certified professionals to take up development of Boomi Atoms for mapping, parsing and transmission of EDI messages and to provide ongoing support for all in-production business processes. The team uses Boomi AtomSphere to integrate multiple, disparate systems and eliminate multiple manual processes through a simplistic automated solution that is easy to maintain and understand.

### Tools & technologies

Boomi AtomSphere, JavaScript, BizTalk Server 2010, T-SQL, ANSI SQL/PL SQL, Red Prairie, custom WMS

### Technical highlights

- Platform has been built using XML & EDI
- Development of Boomi Atoms for mapping, parsing and transmission of EDI messages
- Team is also involved in developing multiple ETL packages for data transfer between systems

The Iris team helps our client in many ways:

- Boomi AtomSphere handles any combination of software-as-a-service (SaaS) and on premise application integration with ease – Iris personnel understand these business processes and translate this understanding into Boomi Atoms.
- Iris personnel securely build, deploy and manage these processes
- Production support entails monitoring execution and reporting alerts, maintenance of business rules, and eliminating manual data manipulation thus streamlining process integration without modifying backend infrastructure.

### The Iris advantage

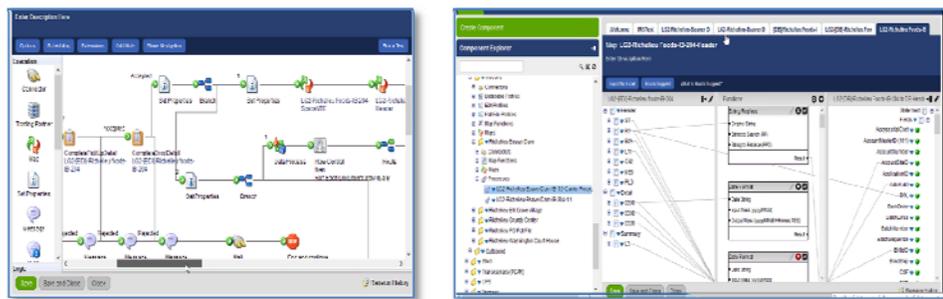
**Vision to Reality:** Iris set up an AtomSphere skilled team that was closely integrated with the client's partner on-boarding team to deliver integration on the Cloud platform.

**Speed to market:** Business processes were deployed in production in less than three business days.

**Execution excellence:** Iris team understood all aspects of the client's partner on-boarding process.

**Predictable paybacks:** Client's partner integration plan was met over 95% of the time.

**Collaborative problem solving:** Triaging between the client, the partner and the Iris team at critical points in each integration initiative minimized bottlenecks thus ensuring faster adaptation of the new Cloud integration platform.



### About Iris

Iris ([www.irissoftware.com](http://www.irissoftware.com)) is a professional software services organization providing its customers with high-quality, cost-effective solutions and developing mutually beneficial relationships. Iris does this through comprehensive solution offerings with best-of-breed technologies, rapidly deployable solutions, flexible engagement models and proven methodologies. This allows customers to focus on their core competencies, and concentrate IT resources on projects that directly impact their bottom-line.