



Achieved 80% Faster Integration for a Leading Chemical Distributor with Aspire's Boomi Solutions





Key Issues

- Complex Point-to-Point Integrations
- Lack of Centralized Integration Layer
- Security and Governance Gaps
- Limited Visibility and Metrics

Solutions

Boomi as the Chosen iPaaS Solution

- Enabled seamless integration across cloud, on-premises, and hybrid environments.
- Low-code platform simplified development for both technical and non-technical users.

About the Customer

The customer is a leading chemical distribution company with a strong presence across North America and EMEA. Leveraging a specialized platform, they offer end-to-end services including specialty and commodity chemicals, eCommerce, supply chain management, and sales and marketing. With a multi-regional workforce and annual revenue in the mid-hundreds of millions, they serve a wide range of industries with efficient and scalable distribution solutions.

Highlights

The customer aimed to modernize their integration landscape as part of a broader digital transformation initiative. Key priorities included replacing legacy tools with a scalable iPaaS solution, adopting an API-centric approach, enabling B2B EDI transactions, and embracing microservices and event-driven architecture for greater agility and efficiency.

The Challenges

The customer had many point-to-point integrations which led to higher complexity of maintenance due to tight coupling. This led to high dependency between applications for any change. There was no proper middleware / Integration layer that could help implement API stack with proper security and governance. Along with this, the lack of business and technical oriented metrics and transparency in data challenges were a few other issues they were facing.



Benefits

- Centralized integration platform for improved system visibility.
- Enhanced customer and partner onboarding.
- Achieved 20–50% reduction in Total Cost of Ownership (TCO).
- Accelerated project completion by 50–80%
- Reducing implementation costs
- Cut development effort by 30–60%

The Solution

Aspire's solution was to establish Boomi (Integration Platform as a Service - iPaaS) as the middleware technology that enables businesses to connect applications, data, and processes across various environments – cloud, on-premises, and hybrid.

It provides a unified platform for a wide range of integration needs, aiming to simplify complex integration scenarios and accelerate digital transformation. Boomi's core capability is connecting disparate systems. Offering a low-code development environment, making it accessible to both technical and non-technical users.

Many best aspects of Boomi were used like

- **Pre-built Connectors:** Boomi has over 1,500 pre-built connectors which helped the customer to connect many of their enterprise systems as a part of their ecosystem significantly reducing the need for custom coding.
- **Scalability and Flexibility:** Being a cloud-native platform, Boomi offers elastic scalability to handle varying data volumes and processing demands. This was also one of the aspects that helped Aspire choose Boomi as a solution.
- **Event Streams:** Enables real-time, event-driven integrations for faster responsiveness and agility.

The tech stack used from Boomi were the following

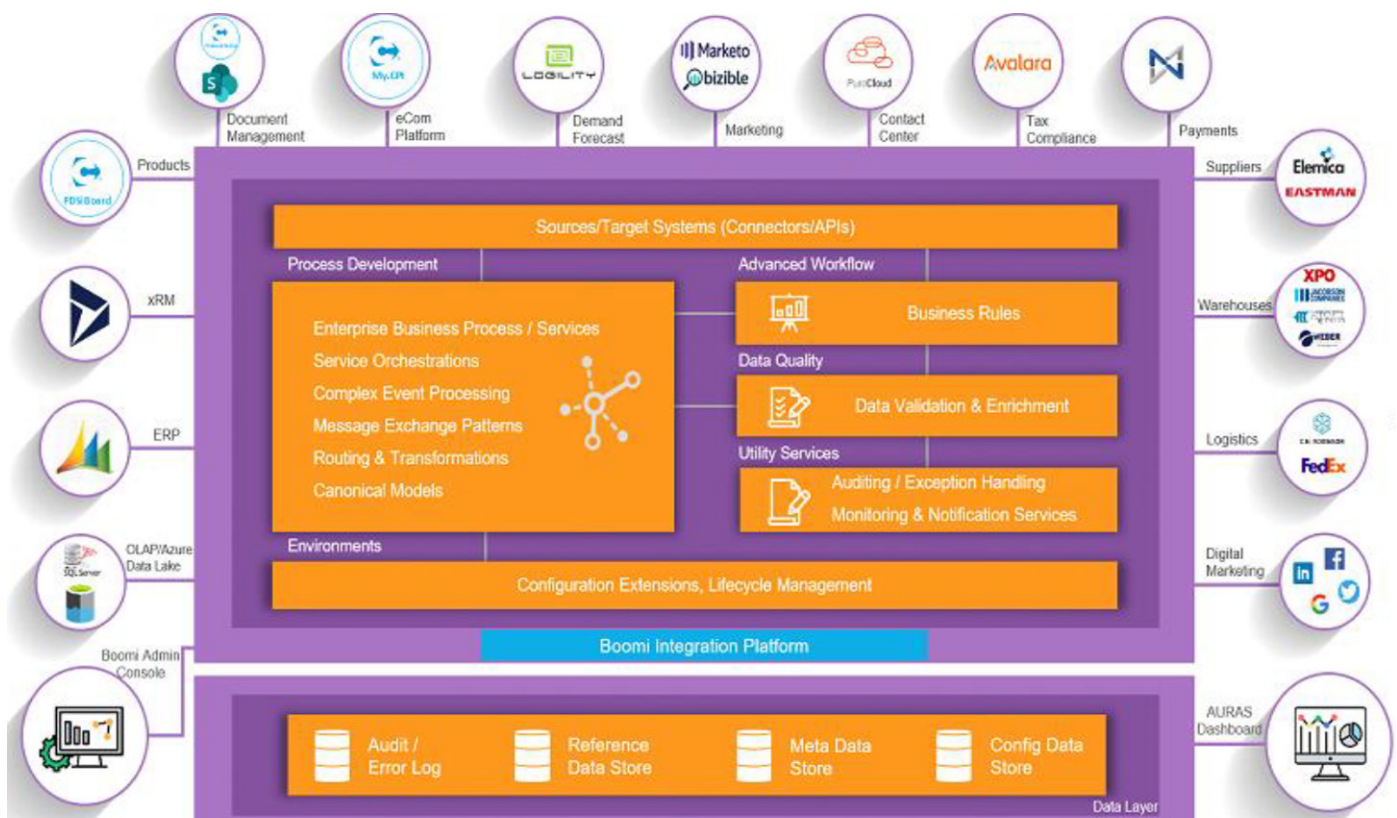
- **API Management:** Aspire used the API Module to design, publish, secure, and manage APIs, enabling seamless data sharing and integration with partners and customers.
- **Master Data Hub (MDH):** Boomi's MDH module was the central hub to cleanse, standardize, and synchronize



critical master data across different systems, ensuring data consistency and accuracy.

- **B2B/EDI Management:** For secure and reliable data exchange with trading partners and vendors, Aspire recommended EDI Module in Boomi that could help execute Supply chain and other related transactions through Electronic Data Interchange (EDI) and other B2B communication protocols.

Architecture Diagram

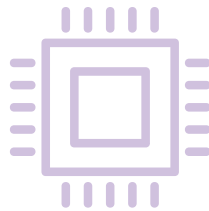




The Results

- **Reduced Total Cost of Ownership (TCO):** Our customer was able to see a 20-50% reduction in TCO due to lower infrastructure costs, reduced maintenance, and less reliance on specialized coding skills.
- **Faster Time to Value = Lower Implementation Costs:** Boomi's low-code platform and pre-built connectors helped accelerate Enterprise Integration project completion times by 50-80%, directly translating to lower implementation costs.
- **Reduced Development Costs:** The visual development environment and extensive library of connectors minimized the need for custom coding, leading to a 30-60% reduction in development effort.

Technology Snapshot



- » **Boomi Atmosphere – Integration Platform**
- » **Boomi API Management**
- » **Boomi EDI Trading Partner(B2B) Platform**
- » **Azure Cloud Services with NetApp as NFS**



Aspire Systems is a global technology services firm serving as a trusted technology partner for our customers. We work with some of the world's most innovative enterprises and independent software vendors, helping them leverage technology and outsourcing in our specific areas of expertise. Our core philosophy of "Attention. Always." communicates our belief in lavishing care and attention on our customer and employees.

For more info contact: info@aspresys.com or visit www.aspiresys.com

USA

+ 1 630 368 0970

SINGAPORE

+65 3163 3050

INDIA

+91 44 6740 4000

BELGIUM

+ 32 3 204 1942

NETHERLANDS

+ 31 (0)30 800 92 16

POLAND

+48 58 732 77 71

MEXICO

+52 222 980 0115