AtomSphere for EDI/B2B Integration

Dell Boomi AtomSphere® provides complete cloud-managed EDI / B2B integration capabilities in a fully self-service model. Now businesses can exchange data with partners and manage trading partner relationships without the burden of installing and maintaining software or appliances or paying expensive consultant and VAN fees.

AtomSphere enables you to manage a trading partner network of any size using a scalable and secure cloud integration platform. Regardless of where your organization sits in the supply chain, from manufacturing and distribution/warehousing/transportation services to retail, you can build, deploy and manage both traditional EDI as well as newer web services, completely in the cloud.

With AtomSphere you can address your key EDI requirements, including:

- **Trading Partner Management** — Set-up and manage all trading partners to enable EDI exchanges using standard EDI and ecommerce capabilities.
- **EDI Data Mapping** — Transform any combination XML, flat file, database data, and EDI with native support ASC X12 EDI data transformation.
- **Full EDI Envelope Support** — Automatically aggregate and split EDI data into envelopes, also known as ISA's.
- **Highest Security Standards** — We offer the full range of EDI support with the highest security standards to cater to all types of EDI transformation.
- **Trading Partner Enablement** — Use your own Atom to easily deploy integration processes to partners and avoid having to purchase and maintain expensive software or VAN dependencies.

By using Dell Boomi you can empower agility and innovation, accelerate revenue, eliminate complexity, increase cost savings where none existed before.

### AtomSphere Features to Address Your EDI Needs

**X12 EDI Format Support**

Import EDI documents from a library of pre-loaded EDI standards and/or transform to any of AtomSphere’s supported formats such as XML, flat file, or database.

**Boomi Suggest Data Mapping**

Use patent-pending Boomi Suggest to automatically create data maps between EDI, Flat Files, XML and Database formats. Drawing on the collective intelligence of our developer community, up to 80% of your data mappings can be automatically generated.

**Full Acknowledgement Handling**

All communications exchanged via AtomSphere are tracked for reconciliation purposes so you can see the status of all documents exchanged with your trading partners.

**Trading Partner Management**

Set up and manage connections to your trading partners, including communication methods, document processing preferences, and validation rules.

**Industry Standard Connectivity Options**

Supports a full range of communication requirements, including:

- Certified AS2 Connectivity for real-time connectivity to your trading partners
- FTP and FTP/S
- HTTP and HTTP/S
- Web Services, SOAP/HTTP
- EDI Standards: X12, EDIFACT
- Healthcare: HL7 2.x
- Application specific connectivity (e.g. NetSuite, SAP, Oracle)

**Security Options**

Dell Boomi also ensures all messaging adheres to the Industry Standard practices in Security. We provide:

- Secure Sockets Layer (SSL v3) and Transport layer Security (TLS v1)
- PGP key exchange
- Encryption 3DES, RSA
- MD5 and SHA1 cryptographic hash functions
- We support a variety of compression techniques - Aes128, 3des, twofish, serpent128, idea, cast128, blowfish, twofish256, aes256, aes192, serpent 256 and serpent192 and zlib

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Complete Self-Service Solution, From Your Web Browser

Your entire EDI exchange can be set up using just a web browser. From trading partner set up, to EDI transformation, to communication testing, workflow configuration and beyond, Boomi AtomSphere provides a complete EDI Gateway capability from the cloud. Don’t be fooled by traditional VAN’s calling themselves Cloud!

Multiple Deployment Options

Leverage AtomSphere’s innovative deployment options to run your EDI from Dell Boomi’s cloud in our secure infrastructure, or deploy an Atom to your local premises to connect with applications residing behind your firewall. Regardless of where you deploy your Atom(s), you still have total control over your environment.

Application, Data, and EDI in One Seamless Solution

Don’t integrate your integration technologies! AtomSphere lets you manage the entire spectrum of integration needs from one solution.

Key AtomSphere Benefits to Manage All Your Integration Needs

Enterprise Integration Capabilities at a Fraction of the Cost

- Drag and drop workflow — no coding required
- Support for simple to complex business logic
- Simple wizards for browsing application data models
- Access to hundreds of applications and data sources
- Instant load scalability
- Any-to-any data transformation
- Industry certified security model
- Ability to build your own connectors

Build, Deploy, and Manage Atoms Directly from the Web

- No software or appliances to install or maintain
- Web access to integration platform
- Instantly deploy anywhere in the world
- Native collaboration with partners and customers
- Support for any-to-any mapping using Boomi Suggest that caters to many mapping applications unrelated to EDI.
- Support for EDI-to-EDI mapping that enables direct mapping between two EDI standards (i.e., X12, EDIFACT)
- Elegant behind-the-firewall connectivity
- Full-featured dashboard
- Robust logging and debugging
- Centralized management of all integration activity
- Full-featured, 30 day no-risk trial

Real Cloud for Real Cloud Integration

- Fastest time to value
- No software or appliances to deploy
- Pay as you go “per connection” pricing
- Low maintenance solution to frequent cloud releases & updates
- In the cloud, zero-footprint deployment option

For More Information

Contact your account executive to learn more about Dell Boomi, or visit www.boomi.com.

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