

Atlas Matrix Information Sheet

ATLAS Matrix is a managed service to provide companies with the capability of transferring any file in any format across the Internet, any VAN or any other direct method totally securely and have that file transformed into a completely different format during the process.

Fully scalable for companies who wish to outsource their EDI or XML and communications.

Subscribers send and receive data in a format to suit their systems and use any communication method that they like. All the EDI translation or data transformation is carried out inside the Matrix as the data passes through.

e.g.

CSV file sent in via FTP is transformed to XML and received via AS2

EDI file sent via VAN is transformed to user defined format and received via BDX

Components:

1. ATLAS BDE/BDX as the transport mechanism between you and Atlas Matrix.

BDX is an Intelligent Electronic Messaging Solution enabling the High-Speed Exchange of Business Data. The Atlas BDX server system is based around fully fault tolerant and safe failover architecture ensuring smooth continuity of service if any component hardware or software should fail. It is housed in three locations as a virtual cluster, a bomb-proof shelter in Manchester, Bolton and Wigan with multiple redundancy architecture providing Secure, Ultra-Reliable and Cost-Effective data exchange across the Internet, as well as Private/Corporate Networks & Traditional EDI VANs.

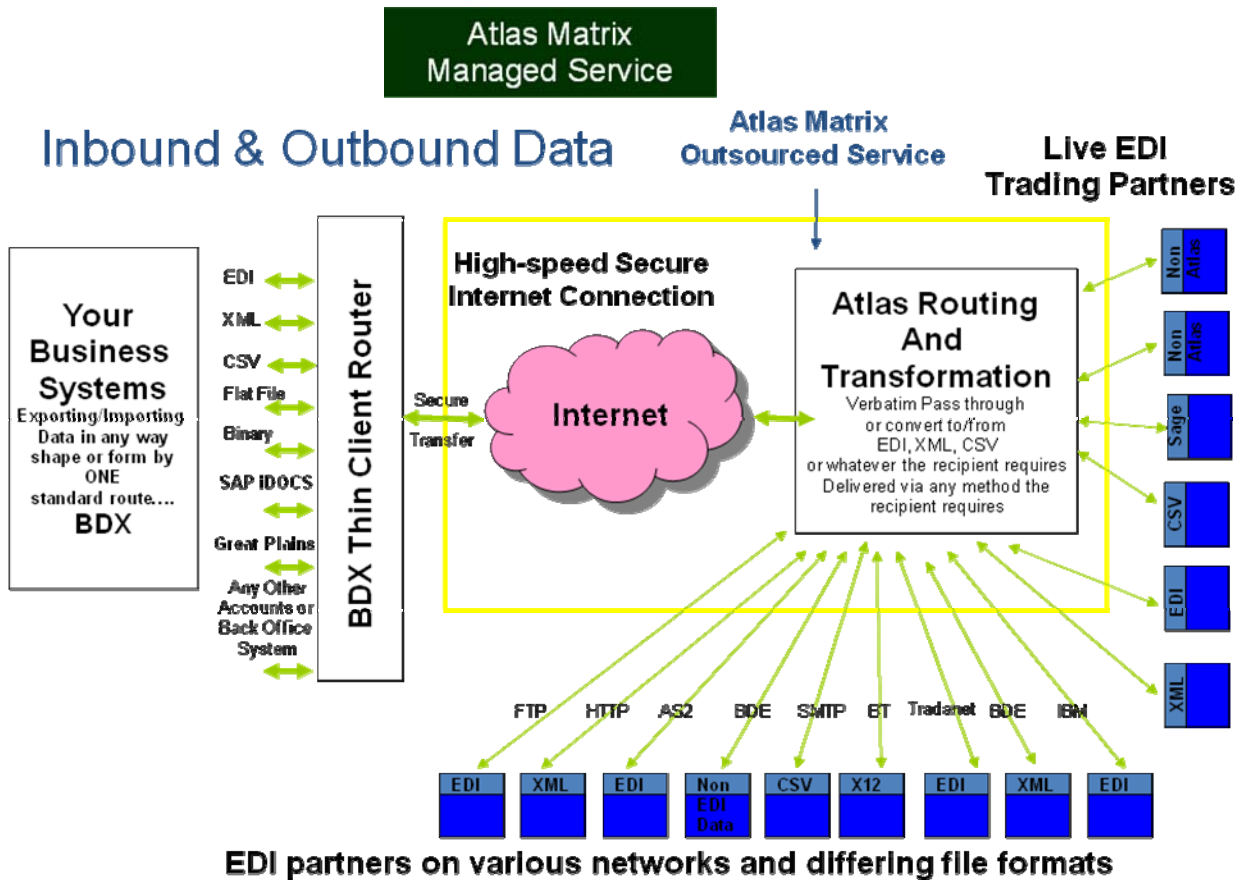
2. Atlas Matrix enables any transport mechanism to be used in conjunction with Atlas BDX
3. Atlas Matrix will provide the translation of EDI, XML or any kind of formatted data to/from any other format. In conjunction with Atlas Matrix it can send out human readable documents via fax or email.

How Atlas Matrix Works:

Atlas Matrix is transparent to you and your Trading Partners. The Trading Partners can send and receive their data via BDX, AS2, VAN, FTP, email or other Internet delivery method into Atlas Matrix. The data will be checked to comply with EDI rules if it is EDI and/or your business rules, transformed into compressed format and transmitted via BDX to the thin BDX client at your premises where it is decompressed, digitally checked, unwrapped and placed into the recovery area for your back office to import in the secure knowledge that the data is correct in every way.

In the same way that Microsoft Outlook manages email and removes the need to understand the underlying transport mechanism, BDX is a sophisticated system that

manages FTP or HTTP more securely, intelligently and removes the need to understand or manage FTP servers, folders and files completely.



4.1 Intelligent data transformation, routing and alerts.

The potential for Matrix goes considerably further than data translation or transformation purely for EDI.

However the value add functionality of Atlas Express is a perfect fit for application to the EDI environment such as:

- Incorporating a full library of EDI documents & standards.
- Accepting as Input, any EDI, CSV, XML, Binary or Fixed Record data
- Producing as Output any EDI, CSV, HTML, XML, Binary or Fixed Record formats
- Data can be manipulated, concatenated, replaced, cross referenced, have maths functions applied or created based on your criteria.
- Data can be distributed to many recipients in different formats from one source send.

In addition there is further added value workflow capability via the Message Routing capability. This enables specific inbound or outbound documents to be directed or copied internally as required over and above the standard processing destination. For example this can be used for

specific processing or analysis for any trading partner, document type or flags placed specific fields within the document.

In the event of errors occurring e.g. confirmation from trading partner not sent within certain time band of outbound message sent then ATLAS and your operations staff are automatically notified.

Your business rules can be placed inside the inbound/outbound EDI or XML data where it is either more convenient to do so or is not possible from within the back office.

4.2 Electronic Messaging Solution

ATLAS Matrix supports ALL EDI Standards & Formats including:

- EDIFACT
- EANCOM
- ODETTE
- TRADACOMS
- ASCII X.12

4.3 High Speed

- ATLAS Express supports High Speed ISP or leased line connections. (it can also support simple async dial up)

4.4 Exchange of Business Data

ATLAS can support EDI operations or exchange data with:

- Other ATLAS EDI users
- Other competitive EDI systems
- Other AS1/AS2 Compliant Software
- Other protocols such as FTP, FTPs, HTTP, HTTPs, email with attached EDI, email with embedded EDI
- Trading Partners still on Traditional EDI Networks.

4.5 Securely

3 levels of security are available making this one of the most secure products on the market:-

- 168bit 3DES Encryption (IETF standard)
- Digital Certificates / Digital Signatures (PKE)
- Checks Sum / Hash Totals
- Compression

4.6 Reliably

- Data cannot be lost within the system. If there is a problem then people are notified by email or SMS
- 99.9% uptime since 2003

4.7 Email or SMS Alerts

- In the event of a failed receipt of data, incorrect data received or sent, an email or text can be sent to a person or groups with an intelligent message of what is wrong with the data or transmission and what action is required.

4.8 Visibility

- All transactions can be tracked throughout the communications process and viewed from the client end or on the web.

4.9 Cost Effectively

Clearly Matrix offers significant cost advantages over a manual process.

However one of API's original business objectives is to ensure an ATLAS solution offers considerable cost savings over the use of existing technology. An EDI rollout using ATLAS BDX to email, AS2, FTP, HTTP etc means no (EDI Van) volume, data, transaction or network related costs whatsoever.

Even where there is reluctance by the Trading partner to move away from a VAN and we have to send data across a VAN interconnect the costs are typically 50% or less of a normal VAN transaction.

In some cases a 6 month ROI is possible.

ATLAS pricing is deterministic:

- An Initial Setup fee
- An Annual Support & Maintenance Fee
- Annual Trading Partner Fees
- Optional fees for customisation etc.
- Discount structure offered for Hub sponsored community roll-outs.

4.9 Summary Functionality

- Any format file in and out
- Fully automated
- Intel server (PC) based (Pentium with Windows 2000 or XP)
- EDI to anyone (Tradacoms, EDIFACT, VDA, ODETTE, XML support)
- Latest encryption technology (3DES – 168bit)
- Certificate (PKI) based security
- Comprehensive audit/tracking facilities
- Data translation & transformation features
- No special infrastructure requirements
- High Speed Internet connectivity
- Internal Routing capability
- Provides statistical/graphical analysis on all data throughput

Atlas Matrix Connectivity

		Protocols Outbound/Inbound																	
Protocols Inbound		AS2	BDE	BT*EDINET	EMAIL	FAX out	FTP	FTPs	GE*Express	HTTP	HTTPs	IBM IE	SOAP	Sterling	Teleordering	Tradanet	X400	BIC	
	AS2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BDE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BT*Edinet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	EMAIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	FTP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	FTPs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	GE*Express	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	HTTP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	HTTPs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	IBM IE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SOAP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sterling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Teleordering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Tradanet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	X400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

		Some of the Available File Formats Outbound/Inbound																					
Some of the Available File Formats Inbound		Access	Ansi X12	Bespoke	CSV	EANCOM	EDI	Edifact	Exchequer	Great Plains	Kerridge	Lakeview	MFG Pro	Navision	Odette	Oracle	Pegasus	QAD	Sage	SAP	Tradacoms	XML	
	Access	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Ansi X12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Bespoke	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CSV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	EANCOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	EDI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Edifact	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Exchequer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Great Plains	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Kerridge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Lakeview	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MFG Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Navision	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Odette	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Oracle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Pegasus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	QAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SAP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tradacoms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
XML	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	