

Alliance AS2 Integrator

Solution Brief

Patrick Townsend Security Solutions

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Secure AS2 Web Transfer for Internet EDI (EDI-INT)

Alliance AS2 Integrator provides secure and automated AS1, AS2 and AS3 support for EDI over the Internet. Alliance AS2 Integrator provides you with all of the AS2 secure web transfer features you need for your EDI projects. You can automate the exchange of EDI documents with multiple trading partners in a scalable and secure solution. Alliance AS2 Integrator automates the transfer of EDI data into your business applications so that you can reduce the resources needed to process EDI data.

Alliance AS2 integrator supports the transfer of EDI, PGP encrypted files, XML documents, and other types of data.

Alliance AS2 Integrator provides you with the encryption and audit trails you need for compliance with PCI, Sarbanes-Oxley (SOX), HIPAA, GLBA, and other data security regulations.

Benefits

Meet customer requirements for AS2 and EDI-INT

Improve security by enforcing encrypted web transfer with AS2

Speed deployment with ready-to-use configurations – No complex programming required

Reduce legal and financial liability by meeting PCI, HIPAA, SOX, GLBA and Privacy Notification regulations

Reduce costs by creating a hub for Windows, Linux, and UNIX transfers

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Introduction

Alliance AS2 Integrator is a native System i solution for the automatic transfer of EDI data using the secure AS2 web protocol. Alliance AS2 Integrator uses the Drummond certified Cleo Lexicom solution to meet vendor certification requirements. With Alliance AS2 Integrator you can exchange many types of data including EDI, XML, and PGP encrypted files.

In addition to AS2 support, Alliance AS2 Integrator works with common EDI translators such as Extol, Gentran, and Inovis. For customers with minimal EDI requirements, the Alliance EDI Workbench product provides basic support for EDI translation.

Alliance AS2 Integrator provides audit trails and compliance logging to meet the requirements of PCI, HIPAA, Sarbanes-Oxley, and Privacy Notification regulations.

Cross-Platform Compatibility

Alliance AS2 Integrator is a native System i implementation of the Cleo Lexicom product. It is fully compatible with any other Cleo implementation and compatible with any certified AS2 solution from other vendors. You can deploy Alliance AS2 Integrator on your System i, UNIX, Linux, and Windows platforms. All versions of Lexicom are interoperable.

AS2 Standards

Alliance AS2 Integrator provides a solution for AS2 (Applicability Statement 2) secure Internet transfer. AS2 provides a means of securely transporting any file over the Internet with the assurance that the both the sender and receiver are fully authenticated. In addition to authentication the Alliance solution provides session encryption so that data contents remain private. Because AS2 is an open standard you can be sure that your investment in IT technology will be secure in the future.

UCC and Drummond Certified

Alliance AS2 Integrator and Cleo Lexicom for iSeries is fully UCC and Drummond certified and will meet the requirements of any vendor or supplier that deploys a certified AS2 solution. You can use Alliance AS2 Integrator with Wal-Mart, IBM Global Network, and GE Information Services (GE eXchange Services or GXS).

Automatically Transmit Any File

Alliance AS2 Integrator includes automation features for queuing and transmitting files to your trading partners. You can create a file in a library and AS2 Integrator will automatically pick it up and queue it for transmission to your trading partners. The file can be created by your business applications, your EDI translator, by third-party query products, or by report management software. AS2 Integrator will queue the file for transmission, record the history of the transaction, and save a copy of the file on the System i for re-transmission if needed.

Automatically Receive and Process Inbound Files

When AS2 Integrator receives files from your trading partners they are placed in an IFS directory. You can tell AS2 Integrator to automatically copy these files to a library, translate them to the EBCDIC character set if needed, and call your business applications to process the files. AS2 Integrator will back up the file in the IFS directory and in the library for re-processing if needed.

If you receive ANSI X12 EDI files you can easily process the files into applications such as Inovis TrustedLink, Extol, Gentrans, and others. All EDI translators on the System i support file interfaces for receiving and sending files.

If you do not have an EDI translator you can use the Alliance EDI Workbench/400 product for EDI translation. EDI Workbench/400 is a program product from Patrick Townsend Security Solutions that supports ANSI X12 translation. If you need to translate XML documents you can use the separately licensed Alliance XML/400 program.

System i Application Integration

Your System i business applications can directly integrate AS2 Integrator commands. You can transmit files from your RPG, Cobol and CL programs. AS2 Integrator commands make it easy to immediately queue files for transmission to trading partners. Return codes and monitored messages tell you if the commands and APIs are successful.

Third Party EDI Translator Support

Alliance AS2 Integrator is easy to integrate with existing EDI translators such as Inovis TrustedLink, Sterling Gentrans and Extol. All of these translators support sending an EDI document to a file in a library. Alliance AS2 Integrator can automatically pick up the file and deliver it via the AS2 interface. For inbound EDI documents you can use IFS directory scan to copy the file to a library and translate the file using your EDI translator. Sample programs in the AS2 Integrator library will help you get started with your EDI translator.

Alliance EDI Workbench/400 Translation

For System i customers without an EDI translator you can use the Alliance EDI Workbench/400 product from Patrick Townsend Security Solutions. EDI Workbench/400 integrates with AS2 Integrator for a complete EDI and AS2 solution to handle both inbound and outbound documents.

Alliance XML/400 Document Translation

If you need to exchange XML documents with your trading partners you can use Alliance XML/400 translator from Patrick Townsend Security Solutions. Alliance XML/400 can create XML documents from your System i DB2 files, and can translate XML documents into your database files using advanced mapper and DB2 interfaces. Alliance XML/400 can process all standard XML document types. Alliance XML/400 is a separately licensed program product available from Patrick Townsend Security Solutions.

History and Audit Logs

Alliance AS2 Integrator maintains a complete history database and audit trail. You can easily query the database for information about inbound and outbound activity. AS2 Integrator also provides an easy method of re-transmitting a file to a trading partner if needed, or re-processing a received file from a trading partner.

Full System Management

Alliance AS2 Integrator includes a license for the Alliance Application Monitor from Patrick Townsend Security Solutions. Application Monitor can keep track of your system and application jobs and issue warning messages if any important component of your application fails. Application Monitor supports error notifications via email, SNMP trap message, pagers, system operator messages, and other channels.

SMTP Email Notification Support

Alliance AS2 Integrator incorporates a complete SMTP email client application for email notification. You can also use the SMTP email interfaces to send notification messages to your trading partners. You can send confirmation of delivery, translator error, and other types of messages.

Patrick Townsend Security Solutions

Patrick Townsend Security Solutions provides data encryption, key management, and security solutions to Enterprise customers on a variety of server platforms including Windows, Linux, UNIX, IBM System i, and IBM System z. The company can be reached on the web at www.patowndsend.com, or by phone at (360) 357-8971.