



Electronic Data Interchange (EDI)

Basic Overview of the EDI Self Service Setup in Vendor Central

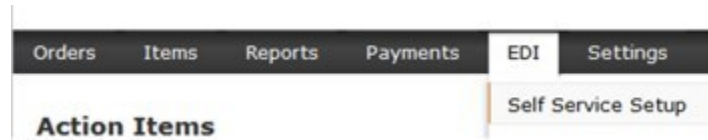


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General Overview



The EDI Self Service Setup system provides an easy solution to integrate your internal EDI system with Amazon's EDI System. You can execute the full integration cycle based on your internal coordination and timings without the need to contact anyone at Amazon.

During the integration you will enter all relevant data we need to know for your set-up and learn the Amazon EDI requirements. At the end of each step a series of tests assures the entered data does indeed work and is compliant with our system's requirements. You can integrate most of the EDI documents that are supported by Amazon in Europe such as ORDERS, ORDRSP, DESADV, INVOIC, SLSRPT and INVRPT as well as a Flatfile inventory, cost or inventory/cost feed.

The main dashboard is divided into two main sections:

Connection Endpoints

You can create multiple connection endpoints for production and test usage. Available protocols are AS2, SFTP or EDI Service Providers. The connection endpoints can be set up, tested and you can also assign them to any of your EDI messages at any time (Please note: There will be no impact on your current production connection until you assign them and schedule the go-live).

Connection Endpoints [Learn more](#)

Connection Name	Connection Protocol	Status	Action
999UK_AS2_20150403065903	AS2	New	Action
TSTD8_AS2_20150403051237	AS2	Live	Action
TSTD8_SFTP_AMZN_20150403040051 (Test)	Hosted SFTP	Ready	Action
TSTD8_SFTP_AMZN_20150403040935	Hosted SFTP	Live	Action
TSTD8_VAN_20150403070549	EDI Service Provider	Email sent	Action

EDI Message Configuration Status

Start and track your EDI message integration here. You can work on several EDI messages in parallel and go live with the messages at different times - there is no dependency on each other. (This page also shows which connection endpoint is currently associated with your EDI messages.)

EDI Message Configuration Status [Learn more](#)

EDI Message	Format	Status	Last Go Live Date	Test Connection	Production Connection	Action
Purchase Order	EDIFACT	Complete	April 3, 2015 8:06:19 AM UTC	TSTD8_SFTP_AMZN_20150403040051	TSTD8_AS2_20150403051237	Action
Purchase Order Acknowledgement		Not Started		TSTD8_SFTP_AMZN_20150403040051	TSTD8_AS2_20150403051237	Action
Advance Shipment Notification		Not Started		TSTD8_SFTP_AMZN_20150403040051	TSTD8_AS2_20150403051237	Action
Invoice		Not Started		TSTD8_SFTP_AMZN_20150403040051	TSTD8_AS2_20150403051237	Action
Sales Report		Not Started		TSTD8_SFTP_AMZN_20150403040051	TSTD8_SFTP_AMZN_20150403040935	Action
Cost Inventory Feeds		Not Started		TSTD8_SFTP_AMZN_20150403040051	TSTD8_SFTP_AMZN_20150403040935	Action

You do not have to integrate all message types or integrate them in a certain order as there are no dependencies between the different messages. You can work on several EDI messages in parallel and go live with the messages at different times. There are no mandatory EDI messages.

Vital reads before you start your EDI integration with Amazon

Download and read the following files from Vendor Central's Resource Centre. The EDI specific documents are under the "Technical" header, the Vendor Manual is located under the "Operations" header:

- **Vendor Manual** – Basic information source for all main areas and processes in the AmazonVendor relationship.
- **Amazon EDI FAQ (EU)** – This document provides a wide range of frequently asked questions and if needed also helps to decide on the pros and cons to start an EDI integration with Amazon. *Please start with this document in any case before you proceed.*
- **Amazon EDI GLN Overview** – a reference card about all GLNs you need to know for EDI transmissions from and to Amazon.
- **EDI Specification Package** – contains all the document types Amazon supports and Amazon's EDIFACT specifications. Please get yourself acquainted with the messages' specifications you are planning to integrate later.
- **Amazon EDI SFTP Guide (EU)** – Amazon prefers AS2 as connectivity method. We also provide preconfigured EDI connections with several EU wide and international EDI service providers. If none of these options is feasible on your side, we offer a cost-free hosted SFTP solution. You find technical details in this guide.

The Basic Setup



Before starting to integrate any EDI document our self-service system will ask you some questions to create your EDI setup with Amazon in the Basic Setup. You will be asked to choose the product ID types you wish to exchange with Amazon and to provide the system with some information on test items. A **unique identifier** (e.g. a GLN) is required for **EDIFACT** setups which will be used in the **UNB** envelope of any message.

If you are going to integrate more than one account (e.g. different countries) you either need **different UNB-identifiers** for each account **or** if you use the same mappings, connectivity and UNB-identifier, please finish the integration of **one account and** contact the Amazon EDI team via Vendor Central **"Contact us"**.

Note for test items: The data you enter here does not need to be valid and is only used for the later document testing. If your test systems require for example EAN or UPC numbers that you actually have in stock, please make sure that you enter these on that page. If you for example enter data in the “Invalid Item” field the information from this line will later be used for message tests were you are required to reject items for passing the test.

Setting up Connection Endpoints

Connection Endpoints [Learn more](#)

Connection Name	Connection Protocol	Status	Action
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After completing the Basic Setup, you need to set up a connection endpoint with Amazon. You can create multiple connection endpoints for production and test usage. Available protocols are AS2, SFTP or EDI Service Providers. The connection endpoints can be set up, tested and you can also assign them to any of your EDI messages at any time.

You must create at least one test connection to start your EDI message integration. You must create a production connection as well to go live for any EDI message. (If you only have a production connection, please set the same information in a test connection endpoint as well.)

Please note: There will be no impact on your current production connection until you assign the new connection endpoints to your EDI messages (and schedule the Go Live for non-live messages).

You will need to set up production and test connection endpoints individually. Please always be aware of the type of connection you are setting up at any given moment: test or production. Test connections can only be used to connect to Amazon’s test environment for EDI message testing during integration. Production connections can only be used to connect to Amazon’s production environment to exchange live message after the Go Live.

Note: Amazon uses your perspective in the EDI Self Service Setup. For example “Sending” means files being transmitted from you to Amazon and “Receiving” means files from Amazon being transmitted to you.

Click on one of these buttons in Vendor Central, depending on what connection you are setting up:



Any connection endpoint setup consists of three stages:



Connection

AS2 setup process

How do you want to connect to Amazon?

- ☒ Connect directly to Amazon (AS2, SFTP)
- ☐ Connect indirectly through a VAN or EDI Service Provider

Connection Protocol

AS2 (preferred) ▼

Connection Name

TSTD8_AS2_20150406151158 (Production)



- 1.) Select “Connect directly to Amazon (AS2, SFTP)” and “AS2 (preferred)” as the Connection Protocol.
- 2.) You can edit the last part of the Connection Name, or leave it as is. The system uses a date/timestamp as the name by default.
- 3.) Provide us with your AS2 ID, AS2 URL, MDN Receipt Type and upload your AS2 certificate.
- 4.) The Amazon AS2 URLs, AS2 IDs and certificates will be confirmed. Take note of the data and download the certificates.
- 5.) On the “Network Firewall” page you will find the Amazon firewall and port settings which need to be set up on your end. Please read the note on “DNS Cache TTL settings” carefully and ensure your system is set up correctly for this.

SFTP setup process

How do you want to connect to Amazon?

- ☒ Connect directly to Amazon (AS2, SFTP)
- ☐ Connect indirectly through a VAN or EDI Service Provider

Connection Protocol

Amazon SFTP (secure server maintained by Amazon) ▼

Connection Name

TSTD8_SFTP_AMZN_20150406152043 (Production)



- 1.) Open the Amazon SFTP guide available in Vendor Central’s Resource Centre under the “Technical” header.
- 2.) Select “Connect directly to Amazon (AS2, SFTP)” and “Amazon SFTP (secure server maintained by Amazon)” as the Connection Protocol.
- 3.) You can edit the last part of the Connection Name, or leave it as is. The system uses a date/timestamp as the name by default.

- 4.) You will be asked to upload your public SFTP key. This has to be generated by your SFTP software or a key generator for SFTP. Amazon only supports the following key types: SSH-2 RSA, SSH1-RSA, SSH1DSA // >1024bits.
- 5.) On the following pages you will find the SFTP hosts, SFTP directories and SFTP usernames that will be used to exchange information with Amazon (sending and receiving SFTP accounts). Make note of the presented data.
- 6.) On the “Network Firewall” page you will find the Amazon firewall and port settings which need to be set up on your end. Please read the note on “DNS Cache TTL settings” carefully and ensure your system is set up correctly for this.

Attention: We look for a confirmation if a file was successfully received. For SFTP transmissions this is only successful once you have deleted the file from the SFTP server. Please make sure that your file pickup process involves deletion of the picked files from the SFTP server. Otherwise this would cause alarms on our side as these transmissions were not successful.

EDI Service Provider setup process

How do you want to connect to Amazon?

- ☐ Connect directly to Amazon (AS2, SFTP)
☒ Connect indirectly through a VAN or EDI Service Provider

Connection Name

TSTD8_VAN_20150406152412 (Production)

VAN Information

VAN Message

VAN AS2 Server

Amazon AS2 Server

Network Firewall

- 1.) Select “Connect indirectly through a VAN or EDI Service Provider” and you will be presented with a dropdown list of all the pre-configured EDI Service Providers (ESP) that are currently integrated with Amazon.

Note: If your provider is not in the list, open a support case (“Contact Us” link on the top of every Vendor Central page) to the Amazon EDI team with an ESP setup request. Please provide all contact information of your ESP.

- 2.) You can edit the last part of the Connection Name, or leave it as is. The system uses a date/timestamp as the name by default.
- 3.) After you have chosen your provider the system will create an email to your ESP which will inform them about the necessary connection endpoint settings. Please coordinate with your ESP before you move on to the connection tests.
- 4.) The following endpoint connection detail pages give you an overview of the settings that are used to exchange data with your ESP. These are merely informational for you.

If you are searching for an EDI Service Provider please note that Amazon cannot make any recommendations. On the internet you will find a wide spectrum of open-source EDI solutions but also EDI service providers with low cost or tailored solutions. As the IT systems and physical processes of our vendors differ, we do not provide recommendations and ask you to evaluate the exact need and solution for your company.

Connectivity Testing

Receiving Test

Sending Test

If connectivity is being covered by or dependent on someone else in your company make sure to get their support for the connectivity tests (e.g. your IT Department, Network Administrator or EDI Service Provider).

For the “Receiving Test” the **Amazon server** must be able to send the test file successfully to **your connection endpoint**. Please ensure to verify if this is for a test or production connection endpoint (this is being highlighted on the page header and after the connection name on the testing pages). For AS2 connections this basically means the system will be waiting for an MDN. If you test an SFTP connection please note that the test will only be successful once you have deleted the file from the download SFTP directory. The content of the file is random and can be ignored for this test.

For the “Sending Test” you will have to successfully send the test file available for download on the testing page from **your connection endpoint** to the **Amazon server**. The content of the file is generic and you may use any other file if this is a limitation on your end.

After the successful “Receiving” and “Sending” test the connection endpoint is in the “Ready” state and you can move on to assigning the current connection endpoint to your EDI messages.

Assign Connection to EDI Messages

EDI Message Mapping for endpoint name "TSTD8_SFTP_AMZN_20150403040051 (Test)"

On this page you can assign the currently selected connection endpoint to your EDI messages.

EDI Message	Current Connection	Assign connection to EDI messages Apply to all
Purchase Order	TSTD8_SFTP_AMZN_20150403040051	<input checked="" type="checkbox"/>

On this page you can assign the currently selected connection endpoint to your EDI messages. If you only plan to use one test and one production connection endpoint, please click “Apply to all” and save the connection endpoint assignment. Whenever you are changing an existing connection to another for an EDI message, you will see this note – please read carefully:

“Effective immediately, transmissions for below message types must be sent through the newly assigned connection endpoint exclusively. Failure to use the new connection endpoint will cause these message transmissions to fail on Amazon side permanently.”

Once you have saved your changes on this page you may return to the dashboard and continue with setting up another connection endpoint or start with your EDI message integration.

Currently, there is no option to un-check a previously checked and saved EDI message for a connection endpoint. If you wish to change the connection endpoint, please select “Action > Assign connection to EDI messages” on the main dashboard for the new connection endpoint (this needs to be tested and in the “Ready” state).

EDI Message Integration and Testing

If not done yet, please download the **Amazon EDI Specification Package** from Vendor Central's Resource Centre under the "Technical" header. It contains all the document types Amazon supports and Amazon's EDIFACT specifications. This will be a useful additional resource for the following steps.

Each document type integration starts with a set of questions to ensure Amazon's requirements for that document type are met.

Item Identification

Will you be able to identify the items in PO-ORDERS transactions based on the one item ID type that was selected in your General Survey?

☒ Yes
☐ No

[Return to Summary](#)

[Previous](#)

[Save changes](#)

[Next](#)

[Review Survey](#)

Most of the answers you provide will modify the data you receive from us or the data we expect from you during document testing.

Note: In order to ensure that your EDI documents work with the Amazon systems and process requirements we will interrupt the integration process in both of our interest if there is indication that requirements will not be met. The following is an example of one of our requirement verifications during the survey:

Amazon requires that all purchase orders be confirmed. Will a POA-ORDRSP be returned for all valid line items in the purchase order (PO-ORDERS)?

Will your POA-ORDRSP return the exact same item id and type id type as was sent in the PO-ORDERS?

After survey completion there will be three document tests. If your connectivity method is SFTP all three test messages need to be up-/downloaded via the UI in the EDI Self Service Setup. For AS2 the third test needs to be sent by using the AS2 test connection. Here is an example of a successful test feedback in the UI:

Test using PO T0000001: Passed!

Important note: Be sure to carefully read the description of the test scenarios. This will ensure your document tests can be completed as fast and seamless as possible.

Attention: file name conventions

For the document tests you will need to create a test file with a filename. Please note that filenames are restricted to alphanumeric characters plus dash (-), underscore (_), at (@), and period (.). Please do not use any other characters in filenames as we cannot guarantee successful processing then.

After successful completion of all three document tests you will be provided with the option to **Go Live** for that document type. In this dialogue you can either choose to immediately Go Live or schedule a time and date in the future when the Go Live should happen. Being integrated and live for any EDI document does not restrict you to still use the Vendor Central UI for exchanging information with Amazon. For example, if you are live for DESADV you still can upload ASNs through Vendor Central via the Orders > Shipments dropdown. You are not restricted to only use EDI or Vendor Central applications. Also you can go live on different EDI documents independent from each other and in the sequence you prefer.

Important note for EDI INVOIC: Due to the importance of correctly transmitted invoices, the INVOIC document integration requires a two-step approach; with an additional test period after the “Go live” step in the EDI Self Service Setup. This extra step is called “Parallel Testing” phase.

During this phase it is important that you continue to send non-EDI invoices the same way as before your EDI integration. In parallel you need to send these invoices as EDI invoice. Our Payments Department will verify the match of these invoices and directly contact you to address potential issues. They will also inform you once you can move to EDI invoices only.

Appendix – Your Checklist

- ☐ Downloaded all documents on page 3 in this document from Vendor Central’s Resource Centre
- ☐ Read the Amazon EDI FAQ (EU)
- ☐ Downloaded Amazon’s EDI GLN Overview and have GLNs set up on our end
- ☐ Read and understood Amazon’s EDIFACT Specification Package for the document type(s) that are planned to be integrated with Amazon
- ☐ Prepared EDIFACT mappings according to above specifications
- ☐ Know which connectivity method will be used (AS2, SFTP, EDI Service Provider) and that the necessary parties in our company are involved; if an EDI Service Provider is used got in contact with them regarding the planned Amazon connection
- ☐ Started the Basic Setup in Vendor Central under EDI->Self Service Setup
- ☐ Successfully finished the receiving and sending tests
---Beginning of to-do loop for a single document type---
- ☐ Successfully finished the survey for the document type going to be integrated.
- ☐ Successfully finished all three message tests
- ☐ Scheduled a Go Live date/time in Vendor Central
---End of to-do loop for a single message type---repeat for any further message type---