

Suppliers may configure SupplyWeb to exchange traditional EDI with internal systems. SupplyWeb will transform and transmit information published by JAC to ANSI X12 (and other formats) based upon the supplier's configuration. The system will also transform a suppliers ASN / DELJIT into a SupplyWeb document. The supplier may configure the system to communicate using FTP.

JAC summarized the following information from the SupplyWeb help text. Please review if your organization desires to receive and process EDI using an internal system.

Suppliers should review the data in SupplyWeb when confirming the accuracy of their internal EDI application. Questions concerning potential differences between JAC's portal and the supplier's system should be reviewed and addressed with your JAC materials or purchasing contact.

## General

- JAC sends full replacement EDI.
- Generally, JAC sends firm / shipping schedule information daily on weekdays (Monday to Friday).
- JAC generally sends planning / material release information weekly on Monday.

## SupplyWeb Help Information – Communications

The communications component facilitates file transfer to and from the application. Files can be sent (imported) to SupplyWeb or received (extracted) from SupplyWeb. Additionally, files can be attached to emails and sent to contact users.

Before configuring the communications, four directories must be created at the root level on the computers used to send and receive files. The directories must be named: send, receive, work, and archive.

- Send
- Receive
- Work
- archive

Place files to be sent in the send directory. When files are transferred from the send directory, the directory is emptied and copies of the sent files are placed in the archive directory.

When files are received to your computer, they are placed in the work directory until fully processed. Then they are moved to the receive directory and the work directory is emptied.

If you are using the same computer to send and receive files, you only need to create the four directories once.

## Mandatory Components

**Host Computers** A computer profile must be created for any machine used to send or receive files. To configure a host computer, you must know the IP Address of your machine.

**Document Profile** A document profile record must be created for each document type to be received. In the document profile, you determine which document types (e.g., ASNs, requirements, purchase orders, receipts, mail, and trigger files) are to be received by which computers and their format (CSV, XML, X12, EDIFACT, or TEXT).

In the document profile, you can also set up email alerts to alert contact users when files are published. Optionally, the alert can contain the files as an attachment in the specified file format. The alerts can be established with or instead of the file transfer.

## EDI Setup - For EDIFACT or X12 Users Only

If the files you receive are in either EDIFACT or X12 format, you must set up your customer as a trading partner. (If you do not use either of those formats, do not set up EDI.) Establishing a trading partner record helps map SupplyWeb data to you and your customer's EDIFACT or X12 format.

## Optional Components

### Schedule

If you receive files, they are pushed to your machine as they are published. For example, if you configure SupplyWeb to receive your customer's published demand, when the customer publishes demand, it is stored in the SupplyWeb database and then sent through FTP to your computer.

You may also choose to manually initiate the file transfer or schedule a receive. This ensures that if there is an error during your customers' initial publish, you are still able to receive the files.

### Remote Processes/Trigger Files - For Pre-Processing

Remote processes are not required to successfully integrate SupplyWeb data into your system. The remote processes provide a way to create trigger files. For the purposes of sending data, trigger files are sent to your host computer to kick off scripts to pre-process data files before they are sent. The scripts on your computer are written and maintained by you.

If you use the remote processes, you must set up SupplyWeb for you to receive the pre-processing trigger file. You must set up the trigger file as a document profile and schedule it to be periodically transferred.

### Remote Processes/Trigger File - For Post-Processing

Remote processes are not required to successfully integrate SupplyWeb data into your system. The remote processes provide a way to create trigger files. For the

purposes of receiving data, a trigger file is sent to your host computer to kick off scripts to post-process data files. The scripts on your computer are written and maintained by you. If you use the remote processes, you must set up the trigger file as a document profile and schedule it to be periodically transferred.

## Host Profiles

Each host computer from which SupplyWeb pulls files and to which SupplyWeb pushes files must be set up in a computer profile. Each computer must have a unique IP Address.

## Define Host Computers

You must add a computer profile record for each computer used to send or receive information.

To view a list of host computers, on the menu click **Communications** and then **Define Hosts**. The profile list displays. From this page you can add, edit, or delete computer profile records.

**Note** E-mail notifications are sent only to the profiles listed on the **Host Profiles** page when the processing of a file succeeds or fails.

### Add a Host Profile

1. In the Host Details table, click **Add**. The **Host Profile** page displays.
2. Enter the [Host Profile](#).
3. Click **Submit**. The profile list redisplay with the verification: "The host profile was successfully added. To setup Document Profiles, select Communication and Document Profile."

### Edit a Host Profile

1. To the left of the profile to be edited, click the **Edit** button. The **Host Profile** page displays.
2. Enter the [Host Profile](#).
3. Click **Submit**. The profile list page redisplay with the verification: "The host profile was successfully updated."

### Delete a Host Profile

To the left of the profile to be deleted, click **Delete**. The profile is deleted and the profile list page redisplay.

## Document Profiles

Using the Document Profile, three different levels of data receipt (export) can be set up for each document type sent to SupplyWeb.

### **Automatic File Receipt**

If you have a persistent Internet connection, you can set up the document profile so that SupplyWeb automatically exports files to your computer through FTP.

### **Email Notification with File Attachment**

If you do not have a persistent Internet connection but use a local ERP/MRP, you can set up the document profile so that SupplyWeb sends an email message when your customer publishes data. The data is attached in a file.

### **Email Notification**

You can set up the document profile so that SupplyWeb sends an email message when your customer publishes data. This prevents you from having to log in to check for new demand or receipts.

Except for PDF files, if you receive a file from SupplyWeb, its file extension indicates the type of document, not the format of the file. For example, a material release has a .mat file extension. To open the file, you must save it with the extension of the format you selected in the document profile. If you selected to receive a material release in XML format, you must replace the .mat extension with .xml before opening the file. PDF will always be received with the correct .pdf extension.

### **Communications Schedule**

The schedule is used to establish periodic file transfers to and from a host computer. A schedule can be established for each computer defined in a computer profile. Three activities can be scheduled for each host:

1. **Send All Documents:** This activity imports all documents from the host's send directory into SupplyWeb.
2. **Receive All Documents:** This activity exports all documents from SupplyWeb to the host's receive directory. This activity is automatically done as files are generated by SupplyWeb, but scheduling a receive is advisable in case of an interruption of an automatic FTP.
3. **Preprocess All Documents:** This activity does not need to be scheduled unless remote processing is set up. This activity runs the pre-processing trigger file on the host to ready documents to be sent (imported) from the host.

The schedule has an effective date. If the effective date is changed, the entire schedule is suspended until the new date.

## How To / Setup Summary

These steps are done under the Communications area.

1. **Define Hosts** - Use a protocol of "FTP" and enter the appropriate User ID and password, and IP address. SupplyWeb will always put or get to the host. The host cannot ftp into the SupplyWeb box. From the home directory for this User ID, there needs to be 4 directories - send, receive, archive, & work.
2. **Define Documents** - A defined document record is needed for each document type. The most likely setup would be for the Material Release. This would cause a Material Release to be sent to the supplier's host in the specified File Format. Some suppliers also setup a document for the ASN so they can receive confirmation that SupplyWeb received the ASN. The File Format on the ASN document does not need to match the format it is being sent. For example, if the supplier is sending an ASN in X12 format (856), they could still use a File Format of "XML" in the Define Documents and the ASN would be sent back in XML. The "Attach File" checkbox is whether the Contact would like the file attached in the notification email in addition to it being sent to the host. Documents sent via FTP from SupplyWeb will be placed in the "receive" directory described in step 1.
3. **Define Transfer Schedule** - For the host setup in Step 1, select "Send All Documents" in the Activity drop-drop field. All ASNs will need to be placed in the "send" directory described in Step 1. Taking the default of "Every Day" and "Every Hour" will be sufficient. That is how often SupplyWeb will look for ASNs. These can be changed in the "Schedule" area once the Transfer Schedule is created.
4. **Trading Partners** - Create a trading partner record (if one does not exist) for the appropriate File Format. If using X12, the Customer ID and Supplier ID fields for the ISA & GS segments are the sender and receiver IDs to be used. This is used for documents going out of SupplyWeb, like the "Planning Schedule / Release Capability" for the Material Release.