## Ariba Network CSV Invoice upload guide

June 2023

SAP Ariba



Internal



## Agenda

- CSV Invoice Overview
- CSV Invoice Scope
- Data Requirements
- CSV Field Mapping
- CSV Template
  - Downloading CSV Template
  - Uploading CSV Invoice
  - Tracking Invoice Status
- Troubleshooting CSV Invoices
- CSV Template Change Log
- Contacts and Support



## **CSV Invoice Overview**





## **CSV** Invoice Overview

- CSV stands for Comma Separated Value/Variable file.
   It represents structured way of data stored as plain text file.
- CSV Invoice Upload supports the transfer, transformation and loading of comma delimited files (CSV) representing a Supplier's invoices to be rendered as cXML invoices for their Customers.
- Provides an effective means for Suppliers with a large number of invoices to submit these to their Ariba customers electronically when they do not have the immediate means to provide these via cXML or EDI directly.



# **CSV Invoice Scope**





## **CSV Invoice Scope**

#### **RRD** supports the following CSV invoice types:

- PO Invoices: invoices against purchase order where the purchase order was received through Ariba Network.
- Line Level Credit Memo Invoices: invoices issued with negative amount against previously issued PO invoices.
- Material Invoices: Invoices against Material PO
- Service Invoices: Invoices that contain reference to an existing Service document in the Customer's system

#### Invoices submitted through CSV upload have the following requirements:

- Cannot be greater than 10,000 lines in total
- Cannot be greater than 2500 invoices per file
- One invoice can have maximum of 5000 line items.
- File cannot exceed 40MB in size.



## **Data Requirements**





### **Invoice Data Requirements**

- invoiceID must be always present.
- invoiceDate format must be: MM/DD/YYYY
- PO based invoices MUST use the orderID field to capture the PO number. Always use 10digit PO numbers and include leading zeros when required.
- In order to determine the type of invoice either Standard or Credit, **purpose** is mandatory.
- In order to differentiate between Material & Service invoice we use lineltemType Field.
- The language code **xmllang** is required, and it is mandatory.
- originalInvoiceNumberReference is mandatory for credit Memo.

## **Invoice Data Requirements**

- The contact data which are mandatory:
  - remitToAddressID
  - remitToName
  - remitToStreet
  - remitToCity
  - remitToState
  - remitToPostalCode
  - remitToCountry
  - shipToAddressID
  - shipToName
  - shipToStreet
  - shipToCity
  - shipToState
  - shipToPostalCode
  - shipToCountry
  - currency set to ISO currency code, and it's a mandatory field.

## **Invoice Data Requirements**

- Billing fields which are mandatory:
  - **invoiceLineNumber** (this is the supplier's invoice line number)
  - **lineReferenceNumber** (this is RRD's PO line number and must be an exact match)
  - quantity
  - unitOfMeasure
  - UnitPrice

Additional Billing fields which are mandatory **IF** they are on your Purchase Order:

- PriceUnitQuantity
- conversionFactor
- PriceUnitOfMeasure

Additional Billing fields which are mandatory **IF** taxes and shipping are needed for that Purchase Order:

- SummaryTaxCategory
- SummaryTaxPercentageRate
- summaryTaxAmount
- taxPointDate
- SummaryTaxDescription
- summaryShippingAmount
- summarySpecialHandlingAmount
- summarySpecialHandlingDescription

## **Additional Data Requirements**

#### • Optional fields:

- Comments
- NetpayInNumberOfDays
- DiscountpayInNumberOfDays
- DiscountpercentageRate
- Classification
- GeneralLedger
- CostCenter
- Percentage
- GLAccount
- punchinItemFromCatalog
- SummaryTaxCategory
- SummaryTaxPercentageRate
- taxPointDate
- SummaryTaxDescription
- supplierPartID

## **CSV File Recommendations**

## **File Requirements**

- Alterations or updates to the original CSV file format downloaded from the Network will cause the CSV to fail during the upload process.
- You must keep the CSV file you download in its native format.
- CSV format requires leading zeros to be seen as text.
  - X 0090123456
  - X 90123456
  - **·** 0090123456
- Do not convert to an Excel file, save as a workbook, add macros, delete/add columns or edit the column names in any way.
- The application Ron's editor is an example of a CSV File editor.
  - You can download a free trial at: <u>http://www.ronsplace.eu/Products/RonsEditor?utm\_source=killink</u>
  - Note that this is <u>not</u> an Ariba software and is <u>not</u> supported by Ariba or RRD.



## **CSV Template Details**





## **CSV Sample / Field Mapping**

- The embedded CSV sample template provides:
  - Data sample of valid CSV invoices processed successfully by the Customer.

## CSVInvoice\_RRD\_

### The embedded field overview provides:

Mapping information on field content and requirements.

### CSVInvoice\_RRD\_ Desc

- For accounting and payment questions:
  - Contact RRD at <u>AP Customer Service</u>
- For CSV upload related questions or errors:
  - Contact Ariba Technical Support



## **CSV Template Use**





## **Downloading the CSV Template**

- From the Home Page of your production AN account, Click the Company Settings tab.
- Click Customer Relationships.
- AN will display a list of all customers that you have a relationship with on the Ariba Network.
- Click on RRD link within your list.



	Customer	Network ID	Relationship Type	Approved Date	Supplier Information Portal	Routing Type	Actions
	RR Donnelley - TEST	AN01494374958-T	Trading	7 Mar 2023	<u>ت</u>	Default	Actions 🔻
Ļ	Reject						

## **Downloading the CSV Template (continued)**

- Click the Download CSV Invoice Template button. You will be prompted to Open or Save the file.
- Save the file to your local hard drive.
- Once you are finished saving the template file, click the Done button to exit this section.
- You will be back at your Customer Relationship page.

CSV Invoice Fields	
This is the list of supported fields in CSV invoice.	
CSV Invoice Fields	Page 1 🗸 📎
Name	Description
invoiceID	Unique identifier for the invoice (Required), Max - 16 characters)
invoiceDate	Date of the invoice (Required) INPUT FORMAT: MM/DD/YYYY
orderID	Reference to the order being invoiced (Required for PO invoices)
purpose	Determines the Type of invoice. Enter either 'standard' or 'credit' (Required)
lineItemType	Enter either 'Material' or 'Service' (Required)
originalInvoiceNumberReference	Mandatory only in case of credit Memo
xmllang	XML language code (Required)
remitToAddressID	Remit To Address ID (Required)
remitToName	Remit To Name (Required)
L Download CSV Invoice Template	

### **Populate the CSV Invoice Template**

- Populate each available invoice field as appropriate – starting in <u>Row 3, Cell A</u>
- Note that Rows 1 and 2 are CSV File information rows and <u>cannot be removed</u> <u>or modified in any way</u>. If these fields are changed or removed, the file will fail at upload.
- To populate value for each field, select that cell, right click and chose option 'Edit with Edit Panel.
- When you have completed populating all fields for your particular invoice, Save the file to your local drive.

	Ron's CSV	<sup>′</sup> Editor
ADT_Test - Copy.csv - Ro	on's Editor - licensed to Evaluator	
: File Edit View Ro	w Column Cell Filter To	ools Help
: 🗳 🔒 🛞   🛶 🏭 🌐	*   ~ ~   * 0 0   8 0	🗄 🛃   🔎 🔎   🍃 🕻
Main Document		
💷 🐒 🌐 🗸	Standard Rows – Do N	Not Change
8859_1	Column	Column [1]
1 _csv_version:1.0 2 invoiceID	_csv_serial:1447835425975 invoiceDate	_csv_type:invoice purpose



## **Upload the CSV Invoice**

- From the Home Page, locate the CSV Upload documents link on the right side of the page.
- Click Invoice.
- You will see an Import CSV Invoice box.
- Ensure Customer is selected in the Customer drop-down box.
  - Note: Each customer using the CSV Invoice method has a customized template. You cannot use any other customer's template for RRD.
- Click the Choose File button and find the CSV File you have created and saved.
- Create V 000 Track CSV Download Pending Queue Templates Notifications **Document Archive** Archive Documents CSV Upload Order Confirmation Download Status Ship Notice **Deleted Transactions** Current Transactions Invoice PDF Invoice External Document

- Once the file path is shown, click the Import CSV Invoice button.



## **Upload the CSV Invoice**

Import CSV Invoice	Close
A CSV file is a Comma Separated Value file. A CSV invoice enables you to submit a large number of invoices to customers in one consolidated file. In this page, you can import your CSV invoices into Ariba Network and also check	k their More
	Submit
Customer:* RR Donnelley - TEST Download CSV Templates CSV invoice file path:* Choose File No file chosen Import CSV Invoice	
Uploaded: CSVInvoice_RRD.csv. Documents found: 1 Related documents attached: 0	Î
CSVInvTest3 Purchase Order: 0090003008 Document Date: 24 Mar 2023 Total Amount: \$620.00 USD Choose File No file chosen Upload Related Do	ocument
	Submit

- Once you click on Import CSV Invoice, the CSV file will be uploaded, click on Submit button.

## **Upload the CSV Invoice**

Import CSV Invoice

Close

CSV invoice has been successfully imported. Ariba Network loaded your 1 document successfully.

Close

• Once you click on Submit, the CSV Invoice will be successfully imported. Click on Close button.

## **Tracking CSV Invoice status**

### **Checking Invoice Status**

- From your Home Page, click on the Invoices tab.
- You will see a listing of all the invoices you have sent.
- Each invoice number is a link to open and view that invoice.
- There are two status types provided:
- Routing Status: show the routing status of the invoice through the Ariba network to RRD.
- Invoice Status: shows the status of the invoice itself specifically through its payment process.

Invoice Number	Customer	Reference	Invoiced Date $~\downarrow~$	Amount	Routing Status	Invoice Status	From address	οε	Actions
CSVInvTest2	RR Donnelley - TEST	0090003008	Mar 24, 2023	\$620.00 USD	Acknowledged	Sent			000



## **Tracking CSV Invoice status**

### **Routing Status**

- **Obsoleted:** You canceled the invoice.
- **Failed:** The invoice failed the RRD invoicing rules as set within their Ariba Network account.
- Queued: Ariba Network received the invoice from a suppliers Network account but has not sent it to the RRD network account.
- Sent: Ariba Network sent the invoice to RRD Ariba Network account. The invoice is awaiting download into the RRD invoicing application.
- Acknowledged: The invoice has been sent from the RRD network account into their invoicing application.

Invoice Number	Customer	Reference	Invoiced Date $~\downarrow~$	Amount	Routing Status	Invoice Status	From address	Το ε	Actions
CSVInvTest2	RR Donnelley - TEST	0090003008	Mar 24, 2023	\$620.00 USD	Acknowledged	Sent			000

## **Tracking CSV Invoice status**

#### **Invoice Status**

- **Sent :** RRD has received the invoice.
- Rejected: RRD has rejected the invoice. If RRD subsequently accepts the invoice or approves it for payment, invoice status updated to Sent indicating invoice was accepted.
- **Failed:** Ariba Network experienced a problem routing the invoice.
- **Approved:** RRD has approved the invoice for payment.

Invoice Number	Customer	Reference	Invoiced Date $~\downarrow~$	Amount	Routing Status	Invoice Status	From address	To a	Actions
CSVInvTest2	RR Donnelley - TEST	0090003008	Mar 24, 2023	\$620.00 USD	Acknowledged	Sent			000



# **Troubleshooting CSV Invoices**





## **Troubleshooting CSV Invoices**

#### **General Checks**

- Be sure the application which is being used to create the file is a true CSV editing application.
- Be sure all value fields such as unit price, tax, subtotal, gross, etc., are entered properly, (for example 2.25 or .58).
- Ensure the file does not contain <u>any</u> special characters (dollar sign, asterisk, quotation marks, etc.).
- Ensure none of the file data within the <u>first three rows</u> of the template sample has been modified from its original state.
- Ensure you are using the correct version of the CSV template for RRD.
- Once the invoices are uploaded using the CSV channel, the Supplier will see the message saying 'csv file uploaded successfully' but may
  not immediately see the invoice on the Network GUI. This is because the server may take some time to update the UI screen. In case the
  Supplier needs to refer the invoice immediately but doesn't find it on the UI, they may use the invoice search option to find the uploaded CSV
  invoice. The server will process the request and fetch the invoice from the Database.

## **Troubleshooting CSV Invoices**

- When is the problem occurring?
  - 1. Is it at the point of uploading the file?
  - 2. Is it after the file is uploaded and invoices show a failed status?
  - 3. Is it after the file is uploaded and invoices show a rejected status?
- If the problem happens at #1
  - The file itself does not meet the basic CSV requirements. You will see specific error messaging on the screen to help identify which field needs to be reviewed/changed. This could be:
    - -Missing header information or missing data in a required field
    - -Incorrect formatting in any field
    - The problem within the file must be corrected and the entire file must be uploaded again nothing was loaded from the CSV file.
- If the error happens at #2
  - The invoices (as opposed to the file) failed the invoice rule validation. When the invoices are converted from the .csv file to actual individual invoice documents on the AN, they are then validated based on the Invoice Rules set in the Customer's Ariba Network account.
    - -Check the 'History' tab on the individual invoice to see which rule was violated and caused the invoice to fail.
    - -The problem within the file must be corrected BUT only those invoices that failed need to be resent.
- If the error happens at #3
  - The invoices passed .csv validation and Ariba Network validation but were rejected by Customer (either by their invoicing system automatically or by an end user manually).
    - -Check the History tab on the individual invoice for additional details.
    - The problem with the individual invoices must be corrected and only those invoices that were rejected need to be resent. Invoice numbers must be modified.



## **CSV Template Change Log**





## Moving from one version to another

### Important notice:

Whenever new version of csv template is released, or mapping rules are modified, there is new unique template serial number generated by Ariba Network. This number is part of the template and being sent back with upload (sample: \_csv\_serial:1423025640524).

If csv template headers are not changed, it is still possible to use the old version of the template however supplier is notified every time outdated version is used.

#### WARNING: The uploaded CSV uses a deprecated format. Please upgrade to the latest version (\_csv\_serial: 1415622106417).

In case csv template change consists of headers update or add of new columns suppliers <u>must</u> download new version and start using this one otherwise the upload will fail with mapping failure message.



## **Contacts and Support**

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## **Training and Resources**

#### **RRD** Information Portal

- Supplier Information Portal contains specific documentation and training material.
- From the home page of your account, click the Company Settings and then click the Customer Relationships tab.
- The portal link is located next to your customers name in the middle of the screen





## **Ariba Network Standard Documentation**

- Go to: <u>http://supplier.ariba.com</u>
- Click on the Help Center in the upper right-hand corner of the page.
- Bottom right-hand corner has access to **Documentation.** Click to view **Product Documentation**.



### **Ariba Network Standard Documentation**

- Standard Documentation can also be accessed from your account. Click on Help Center button on Home page of your account,
- Click Documentation on bottom right-hand corner to view Ariba Network Administrator's documentation.



## **Supplier Support**

- Go to <u>http://supplier.ariba.com</u>
- If you forgot your username or password click on the link Having trouble logging in?



### Forgot your password? No Problem!



Introducing the ability to reset your SAP Ariba password through the Ariba Supplier mobile app. Watch this video to see how simple it is to generate a one-time use password that lets you access your Ariba Network account!

Learn More

. . . . .





Invoicing		×Q	
Refine		2990 results for Invoicing	Relevance $\vee$
Туре		I need help with invoicing	
Enter a topic the would like assis	at you stance	How do I submit an invoice? Why isn't the Create Invoice option available on my purchase order? How do I edit and resubmit an invoice? If I have already invoiced my purchase order once, how do I invoice for the remaining amount? What should I do if my invoice has been rejected? When will my invoice will be paid? Where can I find my saved invoice or draft invoice? Looking for more?	0
with into the sea	arch ba	Invoices View homepage	FAQ
Tutorial	2	Apr 3, 2022	
Release Update	1	How do I cancel or delete an invoice or credit memo?	
Tags		Question How do I cancel an invoice that I've sent? Can I delete an invoice? invoice so you can resend it. > Invoices . Canceling an invoice is only recommended for Non-PO or Contract invoices. reject the invoice.	0
CXML routing	190	Intro questions may appear, providing	FAQ
Invoicing	165	Invoices Search invoices Invoice status Invoice rejection messages additional information based on your search	
Cloud integration gateway	65	Apr.3, 2022 term.	
Purchase orders	62	When will my invoice be paid? (Enterprise users)	
Invoices	52	When will my invoice be paid? Please note that SAP Ariba Customer Support cannot provide any information about the payment of your invoice Additional Information After you submit an invoice, your	
Electronic invoice routing	50	customer receives the invoice and begins to If the invoice does not have any errors, your customer approves the invoice for payment, which changes the invoice status to Approved .	0
Ship notices	45		FAQ
PunchOut catalog	39	Invoices Search invoices invoice status Search scheduled payments view invoice view nomepage	
Catalogs	38		
Service sheets	37	Why was my invoice or service entry sheet rejected?	
		Invoices are rejected either: Automatically by your customer's invoicing rules Manually by your customer. The rejection happens when the invoice violates invoicing requirements established by your customer. Click the invoice number hyperlink. The invoice rejection notes appear across the top of the Detail and History tabs of the invoice. If you understand the invoice rejection reason, you can edit and resubmit the invoice to your customer.	FAQ

Clicking "Yes" will display additional instructions and hyperlinks that may help to resolve your issue.

1. Start here to find your answer.			
	Invoicing × Q		
2. Browse below for our AI-based recommendations*			
Unable to invoice against BPO due to "Quantity exceeds the allowed limit" error Issue Why do I receive the error Quantity exceeds the allowed limit when creating an invoi increase item quantities invoic	ce against a blanket purchase order (BPO)? Cause Your customer may have disabled the Allow suppliers to	Support Note Apr 3, 2022	
How do I view my customer's transaction rules? Question How do I view my customer's transaction rules? Answer To view your customer's Customer	transaction rules: Sign in to the Ariba Network . In the upper-right corner, click your [user initials] > Settings >	FAQ Apr 3, 2022	
How is the country determined for country-based invoicing rules? Question How is the country determined for country-based invoicing rules? Answer The ori company profile, the prefix det	FAQ Jul 1, 2022		
Supplier unable to invoice a commodity-level BPO contract. Why? Question Why am I getting an error when invoicing a commodity-level Blanket Purchase O BPO40100 does not allow direct invoicing. Error: INV-	rder (BPO) contract using Commerce eXtensible Markup Language (cXML)? Error: INV-102: This blanket PO	(?) FAQ Aug 24, 2021	
Why can't I change certain information on the invoice? Question Why can't I change certain information on the invoice? Answer Your customer has messages when the invoice vio	s certain rules for invoicing that determine what you can and can't do on an invoice. In addition to receiving error	FAQ Apr 3, 2022	
*Powered by SAP Incident Solution Matching			
<ul> <li>3. Choose from the options below to continue.</li> <li>What do you need to do?</li> <li>Create new invoice Create credit memo Raise another invoice</li> <li>Do you already have an account?</li> <li>Yes No</li> </ul>	against PO Invoice was rejected Edit and resubmit invoice Receive payment	Something else	

Home

Learning Contact us

3. Choose from the options below to continue.

#### What do you need to do?



#### 1. Start here to find your answer.

report

хq

Certain search terms may not provide any intro questions and links to proceed further.

2. Browse below for our AI-based recommendations\*

Why is data missing on Multi-fact report? Question Why is data missing on Multi-fact report? Answer The reason is because the data missing does not meet the criteria set on the report. Multi-fact reporting has it's own limitation. It uses a set of pre- defined relationships to jo	FAQ Oct 1, 2019
How do I create an open order report? Question How do I create an open order report? Answer Please follow the below steps to create an open order report: Click Reports Click Create Enter the Report Des	FAQ Jun 8, 2021
How do I create a purchase order report? Question How do I create a purchase order report? Answer In order to create a purchase order report, follow the below steps: Login to your SAP Ariba Network account From your Homepage click Reports and click Create Provide	FAQ Apr 3, 2022
How do I create a long term archive deposit report for Italy as a supplier? Question Italy has a specific country mandate for a deposit report which is a report of archived invoices, including storage information. As a supplier, how to I run this long term archive deposit report for Italy? Answer Ariba Networ	FAQ Jun 15, 2021
How do I set dynamic date filters on Analytical reports? Question How do I set dynamic date filters on Analytical reports? Answer Report design doesn't support dynamic filters to change automatically everyday . We need to run report and manually edit the filters . Additional Information	FAQ Apr 3, 2022
Why is 'Report data was last updated on' timestamp on reports showing old value? Question Why is ' Report data was last updated on ' timestamp on reports showing old value? Answer The Report data was last updated on timestamp on reports refers to the time when the primary fact of the report created was updated. It d	FAQ Jan 22, 2022
How do I get details of invoices submitted over a period of time? Question How do I get details of invoices submitted over a period of time? Answer To run a report for invoices created during a particular date range: Go to the Reports tab and c lick Create . Enter a Title , and sel	FAQ Feb 8, 2022
What's the difference between skipping an event and marking an event as Unable to Report? Question What's the difference between skipping an event and marking an event as Unable to Report? Answer If you don't have the information to report the event currently displayed in the Events to Report worklist, you can skip the eve	FAQ Oct 2, 2021
Why my order report in Ariba Network does not show all orders?	(?) FAQ
Can't find what you're looking for?	Contact

# Thank you

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