Ariba Network

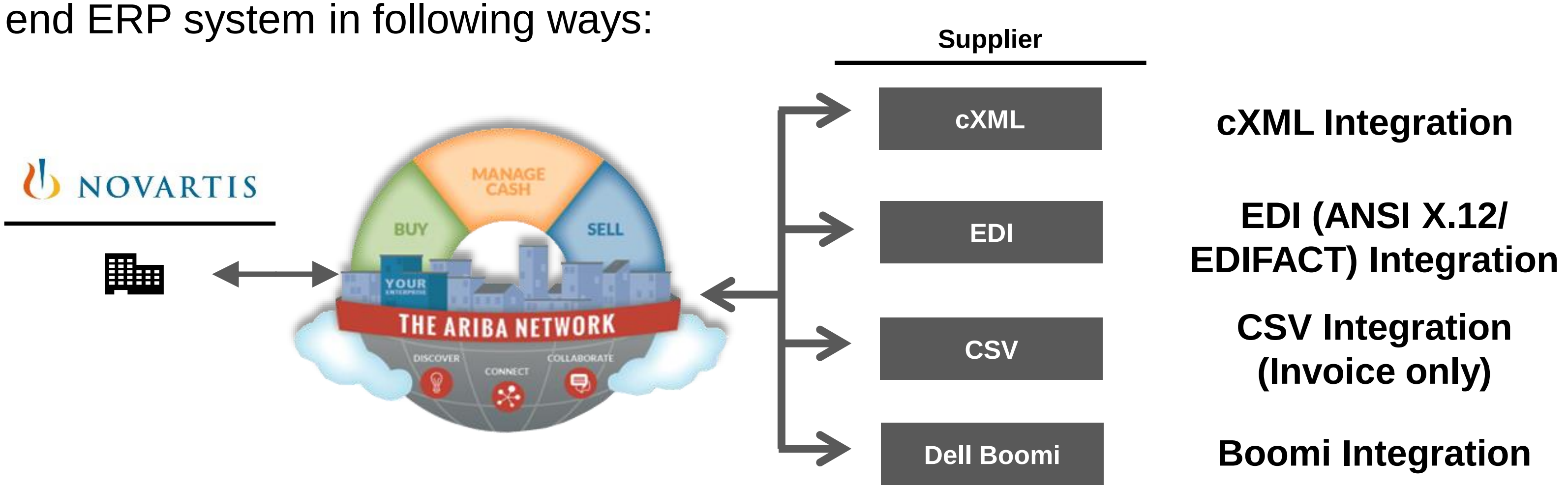
Introduction to Integration

NOVARTIS

SAP Ariba

Introduction

Regardless of how your buyer is connected to the Ariba Network, you may integrate your back-end ERP system in following ways:



Integration is recommended for suppliers with 300+ documents/year. In case your transactional volume is lower, we recommend submitting invoices online.

Integration options

Data Format (File format)	Recommended volume and infrastructure	AN Transaction Types Supported	Communication Protocol / Connection Type	Subscription level	Comments
cXML	> 500 docs/year • existing integration capability	All (Ariba supported)	HTTPS	Premier and above	• Ariba Standard • Must adhere to Ariba cXML guides
EDI - X.12	> 500 docs/year • existing EDI infrastructure	* 810 (Invoice) * 820 (Remittance advice) * 850 (Purchase Order) * 855 (Order confirmation) * 856 (Shipping note) * 997 (Acknowledgement)	VAN / AS2 (Service Request needs to be submitted for connectivity setup)	Premier and above	• Industry Standard • Must adhere to the relevant Ariba EDI guide • Following doc. types are NOT supported: Summary invoice with line item details, Credit note with line item detail, BPO
EDI – EDIFACT (D98A)	> 500 docs/year • existing EDI infrastructure	* ORDERS (Purchase Order) * INVOIC (Invoice) * DESADV (Shipping note) * CONTRL (Acknowledgment)	VAN / AS2 (Service Request needs to be submitted for connectivity setup)	Premier and above	• Industry Standard • Must adhere to the relevant Ariba EDI guide • Following doc. types are NOT supported: Summary invoice with line item details, BPO, Order Confirmation, Remittance Advice
CSV	> 500 docs/year • lack of infrastructure for cXML/EDI	Invoice only	Manual upload via AN	Premier and above	• Only if Novartis enables this functionality • CSV Format/template specific to a Buyer and cannot be used generically for another Buyer

Boomi
• **Flat file**
• **XML**
• **EDI**
• **Database**
	> 500 docs/year
	• no need for additional Infrastructure/software
		All (Ariba supported)	• Database
			• Disk
			• FTP
			• HTTP/S
				Enterprise (Dell Boomi Standard) or Enterprise Plus (Extended)	• Very flexible
					• Dell Boomi Supported SaaS and On-Premise Applications:
					  • Sage Peachtree
					  • Intuit Quickbooks
					  • Microsoft Dynamics
					• Any other ERP/Package listed other than above will need to be build from scratch:
					  • Design/Requirements of Integration solution & Transactions
					  • Development by Ariba
					  • Testing Between Buyer-Ariba-Supplier
					  • Deployment

Prerequisites to start with integration

The following steps need to be completed before Integration:

- **Register on the Ariba Network** and configure your **Test** account
- Accept **trading relationship** with Novartis
- Identify **technical contact** from your company or from third party provider responsible for integration
- Create user access for your **technical specialist** in your Ariba account

For cXML/EDI an additional task is needed:

- Complete Integration **Checklist** and send it to your Supplier Manager from Ariba

Once all prerequisites have been completed, you will be contacted by our Integration specialist. Please note that each buyer might have different required fields and our specialist will guide you through the process.

Standard integration process takes **6 to 8 weeks.** It is recommended that you transact online via your Ariba account before integration is completed.

1. cXML/EDI

The benefit of Integration is that systems communicate with each other, without manual human intervention.

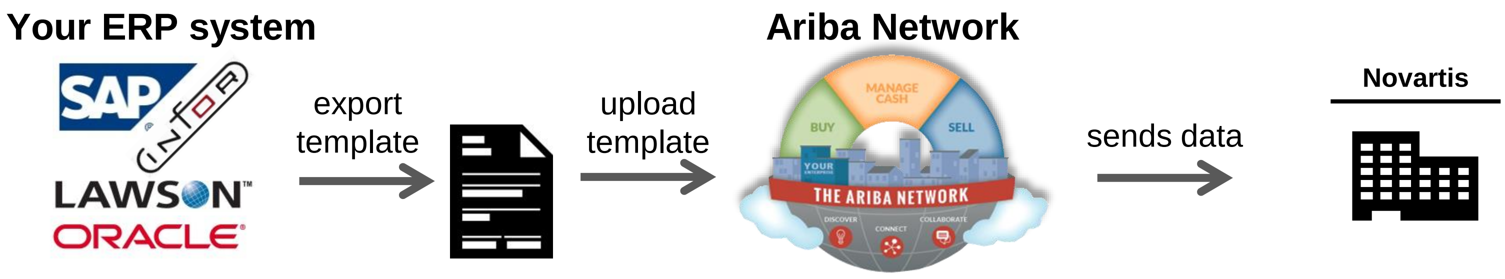
EDI integration is recommended, when you have an existing integration infrastructure. If you don't have an EDI infrastructure already, cXML is always recommended, as it is Ariba's native language without any limitations of scope or content.

To select the right integration type, please review the Integration options (slide 3) to verify transaction volume, supported documents and connection types.

For more information please check our Supplier Information Portal (**PROVIDE LINK**).

2. CSV

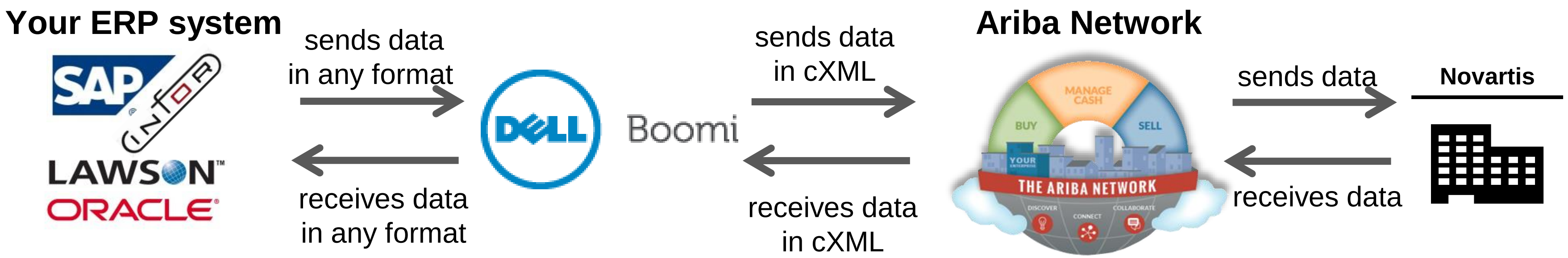
CSV is a special type of integration, that allows you to generate multiple invoices in a single CSV file. Please note that manual upload of CSV files to your Ariba account is needed.



CSV upload is possible **for invoices only** (routing of Purchase Orders can be setup separately), and no attachments can be added to your invoices. The CSV template is buyer specific and you can download it from your Ariba account in the Customer Relationships section.

3. Dell Boomi

Boomi is recommended to sellers with no EDI or cXML capabilities. It requires no additional resources and allows quick and efficient document exchange.



Dell Boomi facilitates mapping and communication between your ERP system and Ariba Network (under secure web services).

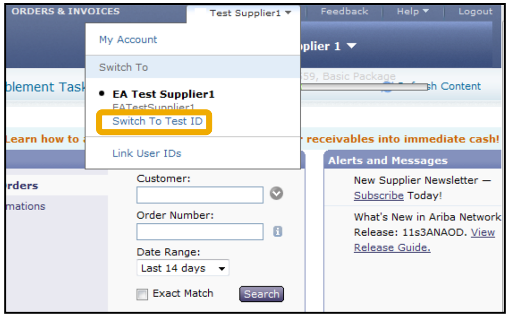
Please contact CommerceAssistance@ariba.com team to discuss pricing.

Tips for admin

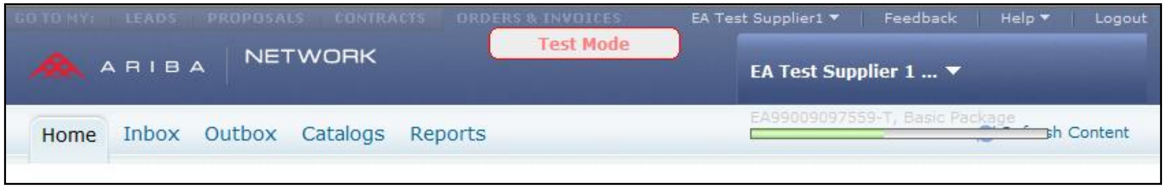
Test account creation

Data integration requires testing, before you start transacting with real trading documents. Please set up your test account as per below.

To create a test account, select your name in top right corner and choose "**Switch to Test ID**". Click **OK** when Ariba Network displays a warning indicating **You are about to switch to Test Mode**. Create **Username** and **Password** for your test account (first time only).



Test Mode indicator is displayed as below:



Your Test account should be configured to match your Production account - this will ensure the testing results are consistent with what will result in Production. Please follow steps from Configuration Guide for detailed account setup.

Tips for admin
Create a User

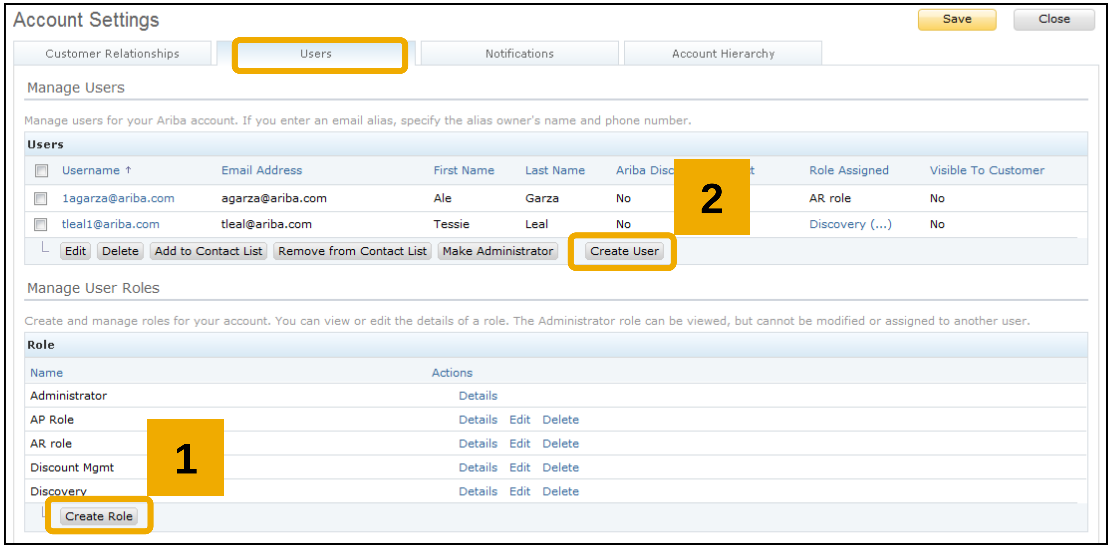
Your technical specialist will need to have access to your company's Ariba account.

To create a User, select your **company name** in top right corner and go to **Users**.

First create a **Role**, add ALL permissions that are needed for thorough testing (usually you add only the permissions that correspond to the user's actual job responsibilities) and type a descriptive Name.

Click on **Create User** button to create a new user, fill-in all required information and assign a role.

The same process needs to be repeated in Test account as well.

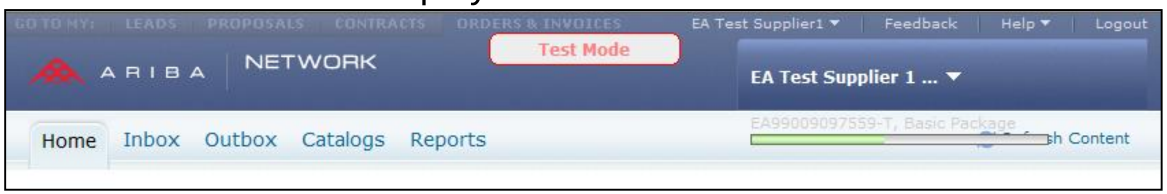


Tips for technical specialist

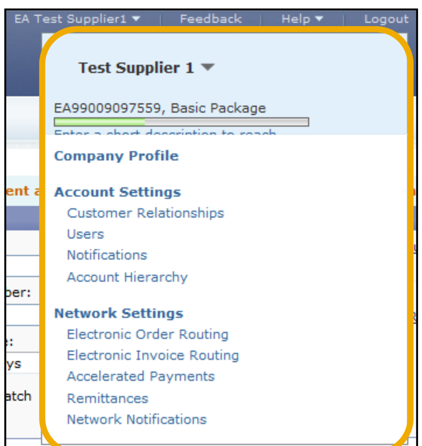
Account access

Once the administrator of your company's Ariba account provides you with access, you'll have <u>two different credentials for your Production and your Test account</u>. You can login to both of these accounts under http://supplier.ariba.com.

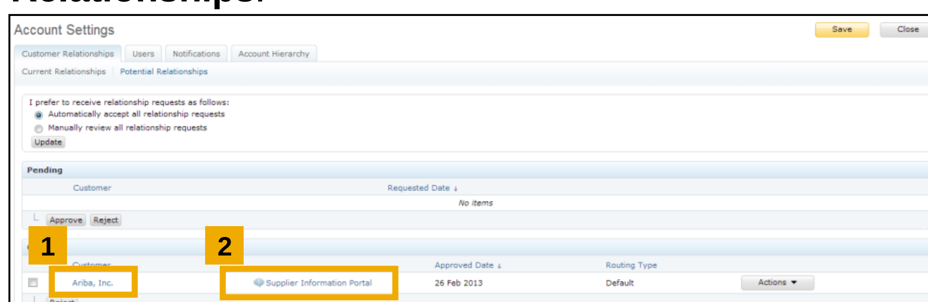
Test Mode indicator is displayed as below:



If you click on your company's name in top right corner, you can access the **Administration Navigator**.



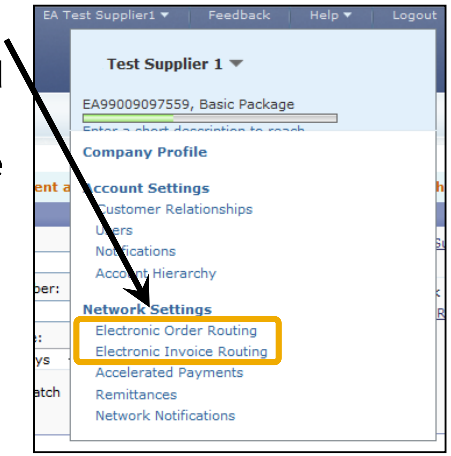
If you haven't received Integration technical documentation, you may find it in our **Supplier Information Portal**. Click on your company's name in the Administration Navigator and go to **Customer Relationships**.

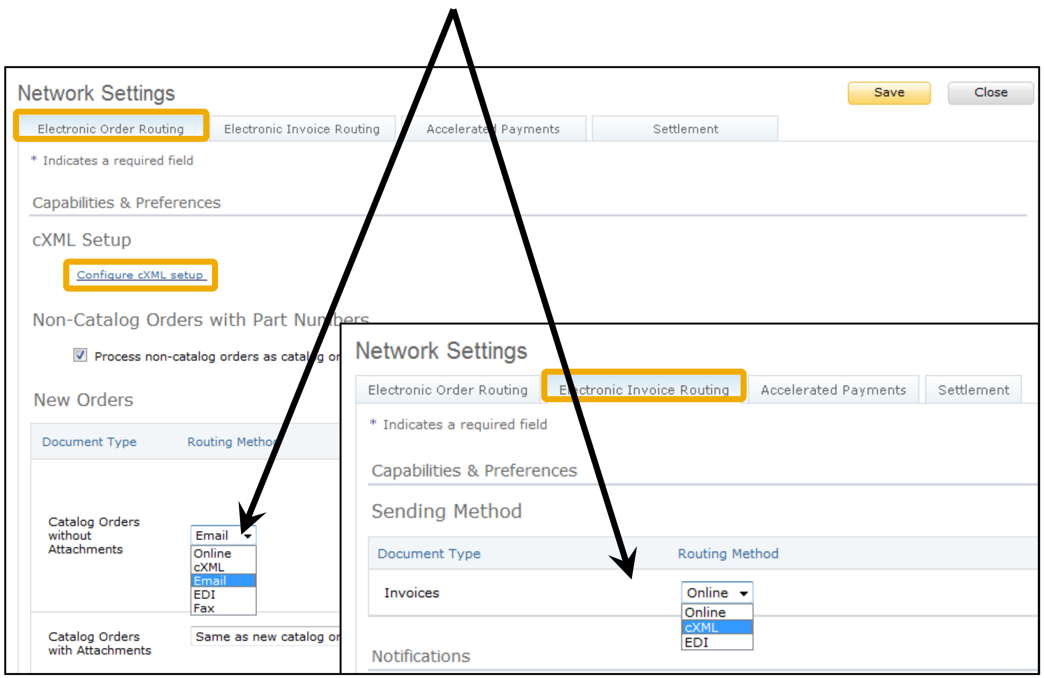


Tips for technical specialist

Account configuration

cXML configuration is available in **Electronic Order Routing** section.
Configure cXML setup by clicking at the link at the top – including **Shared Secret.**
Also configure routing method for orders. Invoice setup is available in the **Electronic Invoice Routing** section.





Please don’t forget that your Test account should be configured to match your Production account - this will ensure the testing results are consistent with Production.

Detailed steps are available in Account Configuration guide.

Tips for technical specialist

Service Request

EDI connection requires a service request to establish connectivity. To submit a ticket, log into your account. Click the **Help** link in top right corner. Click **Help Center** and go to **Support section**.
Search for “EDI connectivity” and click button **Create Online Service Request**.

Fill out our webform, select Problem Type, note <buyer> in the Issue Description and click **Submit**.