

ARIBA INTEGRATION FOR VESTAS SUPPLIERS

Digital Procurement
One portal for supplier collaboration

2022

INTRODUCTION TO Ariba INTEGRATION

What is integration?

WHAT IS IT?

Connecting your ERP to the Ariba Network via an electronic method (cXML, EDI, CSV) to transact PO, Invoices, OC, ASNs etc. via a **touchless** process.

HOW IS IT DIFFERENT FROM STANDARD PROCESS?

In standard process Vestas' suppliers are required to log in to their Ariba account via web portal and send Order Confirmations and Invoices by typing manually the details in the portal.

WHO INTEGRATES?

Suppliers with:

- High Annual Doc Volume: Ariba recommends integration for sellers with > 500 docs/year per relationship
- cXML/EDI capabilities
- An eCommerce or IT team



INTEGRATION VALUE AND BENEFITS

Why should you integrate?

Integration means that more activities happen behind the scenes, there is less chance for errors, transactions occur faster, and fewer people are required for tactical processes.

1

Reduces Procure-to Pay cycle time

- Faster processing of documents, real-time system-to-system
 - 75% order processing productivity gains via Integration
 - Minimize delays in securing payment

2

Increased transaction accuracy

- No human entry errors results in reduction of disputes
- Increased accuracy by 45-60%

3

Efficient management of business transactions

- Reduced cost for resources to PO Flip at high volumes
- Reduced Invoice inquiry by exchanging real-time Invoice status via Ariba Network

MASTER DATA ALIGNMENT AND VERSIONING

Pre-requisites for Integration *Only applicable for orders with material numbers

ALIGNMENT OF MASTER DATA

Master Data between Vestas and Supplier should be aligned prior the integration go-live. Including:

- Payment Terms & Incoterms & Currency
- Prices
- Unit of measure
- Min. order quantity
- Planned Delivery Time
- Conversion (in Vestas we order 6m Supplier return with 1 roll) → 6 to 1 ratio

MATERIAL VERSIONING

Full document BOM will not be available on Ariba PO documents (xml file). Only material version is visible if document number equals Vestas' material number.



METHODS FOR INTEGRATION

Ariba supports multiple integration types

Ariba Integration method	Recommended volume and infrastructure	AN Transaction Types Supported	Communication Protocol / Connection Type	Comments
SAP ERP Via Cloud Integration Gateway (CIG)	> 500 (PO <u>or</u> INV)/year • existing integration capability	SAP ERP Via Cloud Integration Gateway (CIG)	HTTPS	<ul style="list-style-type: none"> Ariba Standard Must adhere to Ariba cXML guides Attachments are supported
EDI - ANSI X.12 Via Cloud Integration Gateway (CIG)	> 500 (PO <u>or</u> INV)/year • existing EDI infrastructure	204 (Motor Carrier Load Tender) 214 (Transportation Carrier Message / In & Out) 810 (Invoice) 820 (Remittance Advice) 824 (Application Advice / In & Out) 830 (Forecast) 830 (Commit) 832 (Price / Sales Catalog) 842 (In & Out) 846 (Inventory Inquiry / Advice) 846 Inventory Inquiry / Advice (MO/PO) 850 (Purchase Order) 855 (Order Confirmation) 856 (Ship Notice) 860 (Purchase Order Change) 861 (Receiving Advice / Acceptance Certificate) 862 (Shipping Schedule) 864 (Test message, text message) 866 (Production Sequence) 997 (Functional Acknowledgement)	AS2 or VAN	<ul style="list-style-type: none"> Industry Standard Must adhere to the relevant Ariba EDI guide Attachments are supported 214, 824, 830, 846, 861, 862 & 866, only supported with SCC buyer Upon request VAN also supported as connection

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Ariba Integration method	Recommended volume and infrastructure	AN Transaction Types Supported	Communication Protocol / Connection Type	Comments
SAP ERP Via Cloud Integration Gateway (CIG)	No upper or lower recommended volume	<ul style="list-style-type: none"> * Sales Order (goods indirect supply only) * Order Confirmation * Outbound Delivery (Advance Ship Notice) * Invoice 	<ul style="list-style-type: none"> SAP Ariba Cloud Integration Gateway Supplier AddOn for SAP ERP 	<ul style="list-style-type: none"> Supported systems - Only SAP EHP4 for SAP ERP 6.0 onwards is supported: LINK Minimum Transport Layer Security version required: TLS 1.2 Must adhere to Ariba cXML guides Attachment is supported Client documentation: https://help.sap.com/viewer/987c0707a02b4c09a890be8e8bde893e/2011/en-US Configuration link: LINK Download link: LINK SAP Best Practices: LINK Demo: LINK
CSV (Customer Specific Template)	> 300 (INV)/year <ul style="list-style-type: none"> lack of infrastructure for cXML/EDI 	<ul style="list-style-type: none"> * Order Confirmation * Advanced Ship Notice * Invoice 	Manual upload via AN	<ul style="list-style-type: none"> Only if buyer enabled this functionality. Supplier must check with supplier manager if this is available for the project CSV Format/template specific to a Buyer and cannot be used generically for another Buyer Attachments can be uploaded against each invoice via a UI when loading the CSV Not supported for Mexican einvoice

METHODS FOR INTEGRATION

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Ariba Integration method	Recommended volume and infrastructure	AN Transaction Types Supported	Communication Protocol / Connection Type	Subscription level **SMP fees as Appendix	Comments
EDI - EDIFACT (version D96A) Via Cloud Integration Gateway (CIG)	> 500 (PO or INV)/year <ul style="list-style-type: none">existing EDI infrastructure	*ORDERS (Purchase Order) *ORDCHG (Change Order) *ORDRSP (Order Confirmation) *INVOIC (Invoice) *DESADV (Ship Notice) *CONTRL (Status Update / In & Out) *REMADV (Remittance advice) *RECADV (Receiving Advice message) *INVRPT (Inventory report) *APERAK (Application error and acknowledgement message / In & Out) *IFTMIN (Instruction message) *IFTSTA (International multimodal status report message) *DELFOR(Scheduling Agreement Release/Delivery Schedule) *DELJIT(Scheduling Agreement Release/Delivery Schedule - JIT)	AS2 or VAN	Silver and above	<ul style="list-style-type: none">Industry StandardMust adhere to the relevant Ariba EDI guideAttachments are supportedNot supported for Mexican einvoiceUpon request VAN also supported as connection

DOCUMENTS IN SCOPE

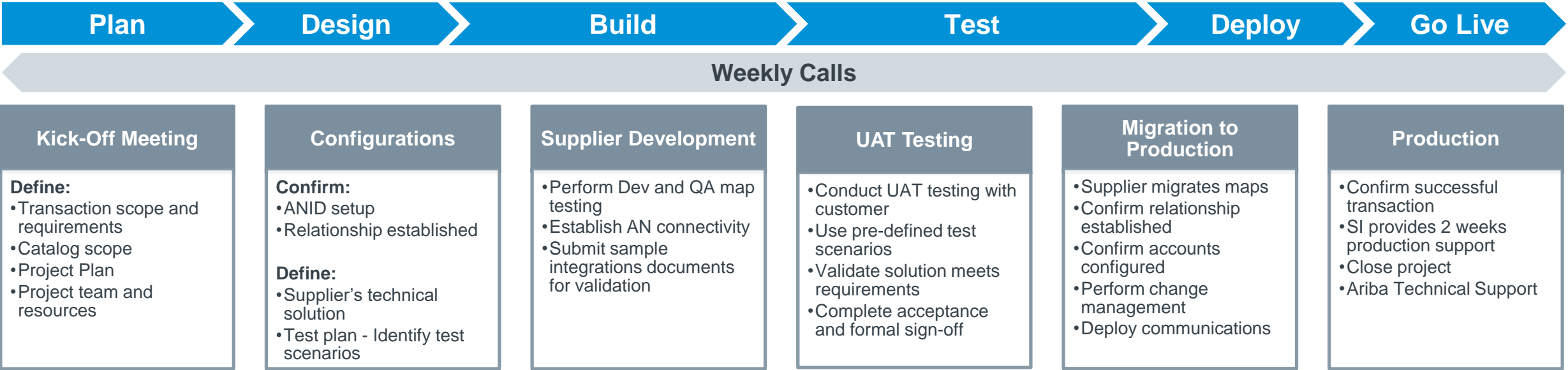
Possible document types for integration

Purchase Order (PO)	Order Confirmation	Shipping Notice	Invoice	Credit Memo	Forecast
<ul style="list-style-type: none">• New Purchaser Orders• Order Changes• Return PO• Service Entry Sheet (Service Suppliers only)• Catalog POs (possible for indirect suppliers only. Pre-requisite catalog creation has been approved by Vestas Purchaser)	<ul style="list-style-type: none">• Accept as-is• Accept with change in delivery date <p><i>NOTE! It's not possible to split quantities in OC for multiple dates for the same PO line. In case of quantity split contact to Vestas Buyer required so PO will be adjusted prior confirming the order</i></p>	<ul style="list-style-type: none">• Multiple POs per shipment• Ship notice for partial delivery	<ul style="list-style-type: none">• Full Invoice• Partial Invoice	<ul style="list-style-type: none">• Line level Credit Memo Qty Adjustment• Credit Memo for Returned Items	<ul style="list-style-type: none">• Forecast• Forecast Commitment

All documents will be shared via Ariba but it's Supplier decision which documents will be integrated or if some of the documents will be handled manually in the Ariba portal.

SUPPLIER INTEGRATION PROJECT KEY TASKS

Integration project requires dedicated resources from supplier side



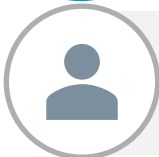
Project Lead

- Main contact for project coordination
- Provide commitment to project timeline
- Understand buyer's transaction validation rules
- Participate in status meetings



Technical Developer

- Provide technical details for integration to back-end systems
- Perform data mapping
- Assist in troubleshooting document failure



Testing Contact

- Review and confirm test plan
- Download & validate applicable test transactions; load & process through ERP
- Assist in other testing activities, coordinate go-live

Support for Integration

Please contact ariba.ssc@vestas.com in case any questions or if you wish to start integration project with Vestas