

X-CASE GmbH

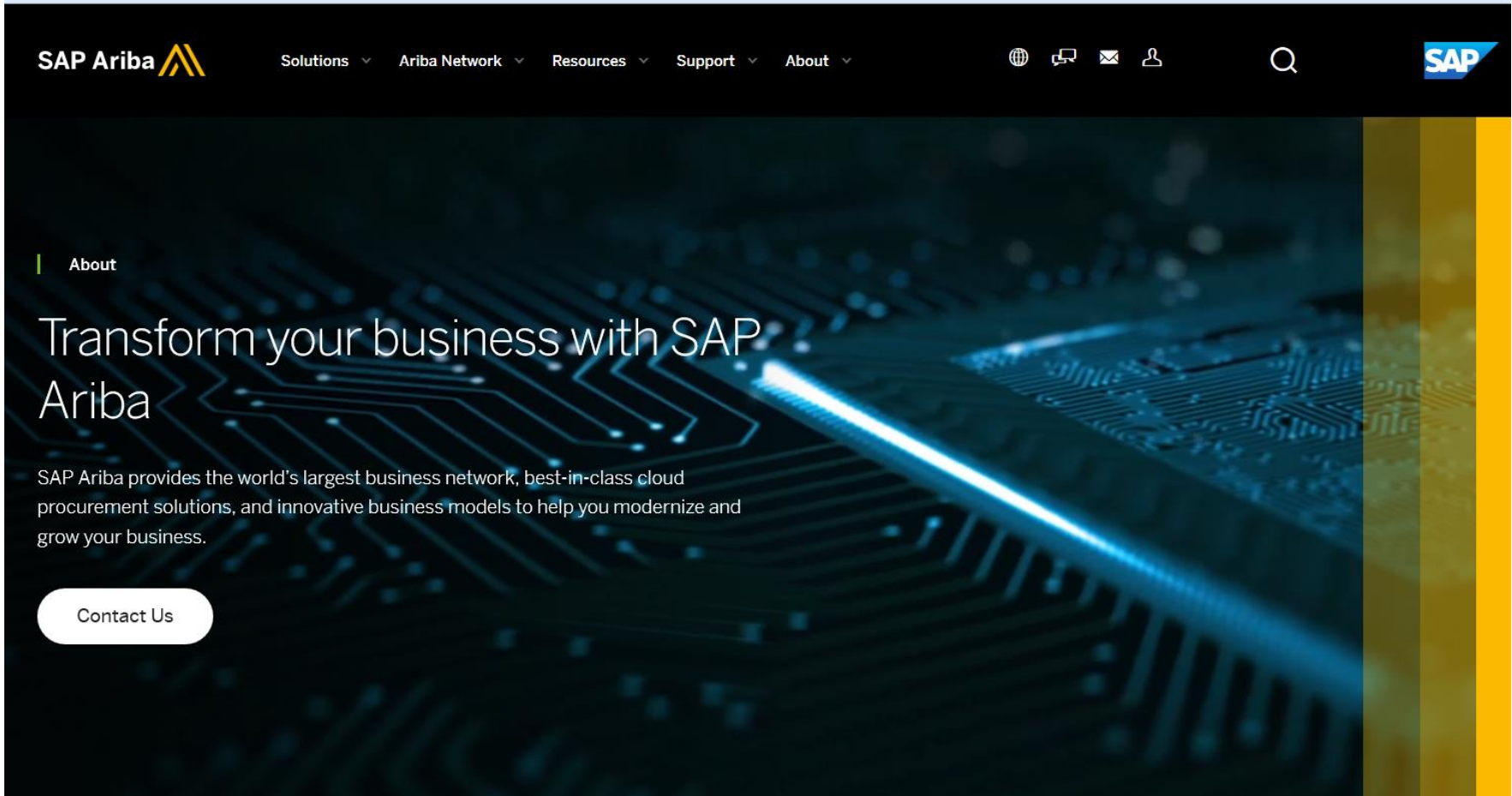


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Expertentreffen 2017
SAP Ariba – Praktische Erfahrungen

Nils Büchner



The screenshot shows the SAP Ariba website homepage. The header features the SAP Ariba logo on the left, a navigation menu with 'Solutions', 'Ariba Network', 'Resources', 'Support', and 'About' in the center, and utility icons (globe, printer, mail, user) and a search icon on the right. The main content area has a dark blue background with a glowing circuit pattern. It includes a 'About' link, the headline 'Transform your business with SAP Ariba', a descriptive paragraph about SAP Ariba's services, and a 'Contact Us' button. A vertical yellow bar is visible on the right side of the page.

SAP Ariba

Solutions ▾ Ariba Network ▾ Resources ▾ Support ▾ About ▾

About

Transform your business with SAP Ariba

SAP Ariba provides the world's largest business network, best-in-class cloud procurement solutions, and innovative business models to help you modernize and grow your business.

Contact Us

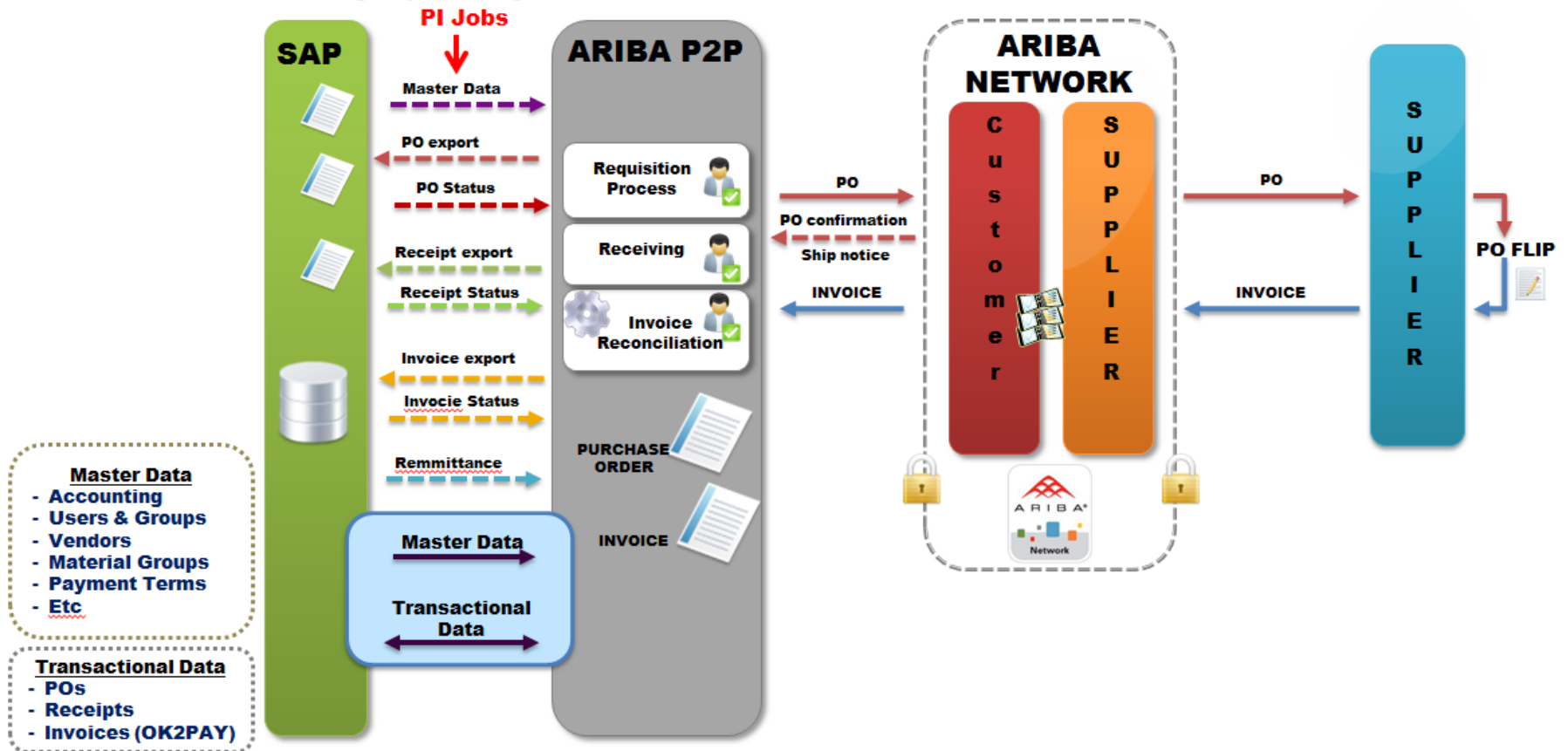
<https://www.ariba.com/>

Themen:

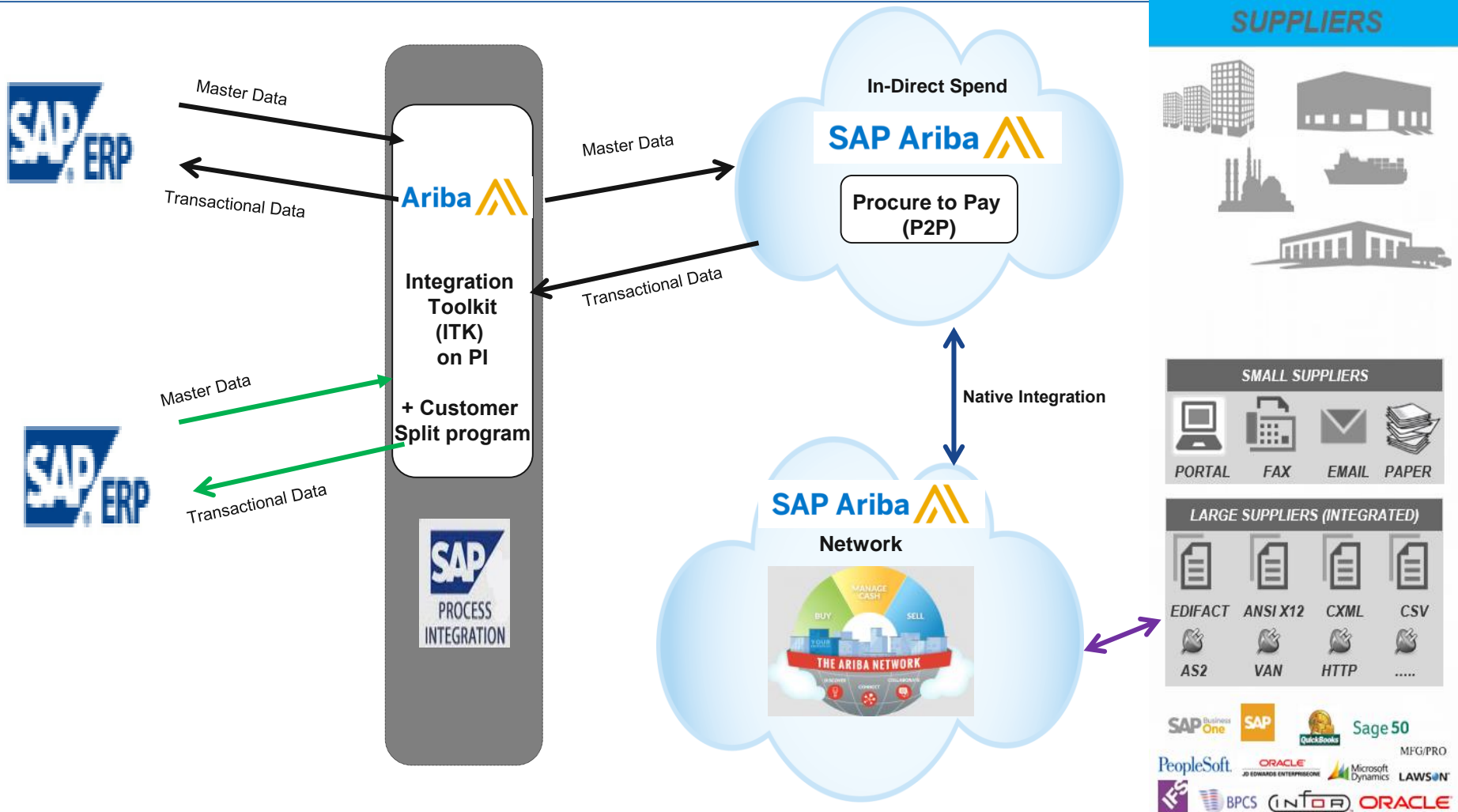
- Übersicht, Konzept, Schnittstelle
- Prozessübersicht am Beispiel Bestellung (Look and Feel)
- Konfiguration (Handwerkszeug)
- Praktische Erfahrungen im Projekt
 - Org.-Struktur – Purchasing Unit
 - Incoterms
 - Stat. Warennummer
 - Zahlwege
 - PreferredOrderingMethod

SAP Ariba – Technische Übersicht und Konzept

Procure to Pay (P2P)

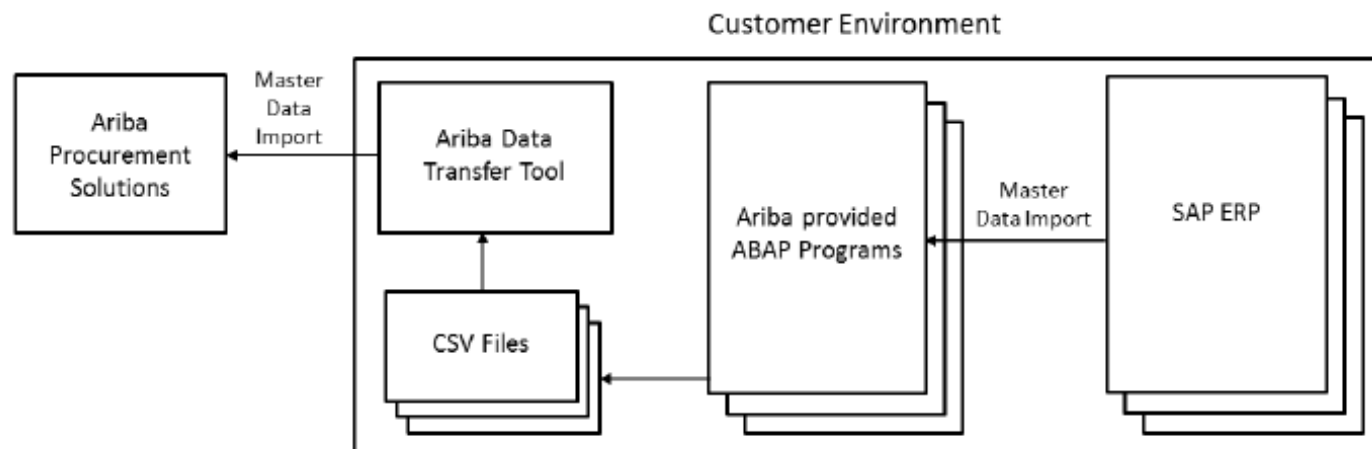


SAP Ariba – Technische Übersicht und Konzept



Master Data - File-Based Integration

The following figure illustrates the integration of master data on file-based integration.



1. The ABAP program provided by Ariba downloads master data from SAP ERP in the form of CSV files.
2. The Data Transfer Tool then reads these CSV files and uploads data into Ariba Procurement Solutions.

Figure 1: Integration of Master Data on File-Based Integration

SAP Ariba – Technische Übersicht und Konzept

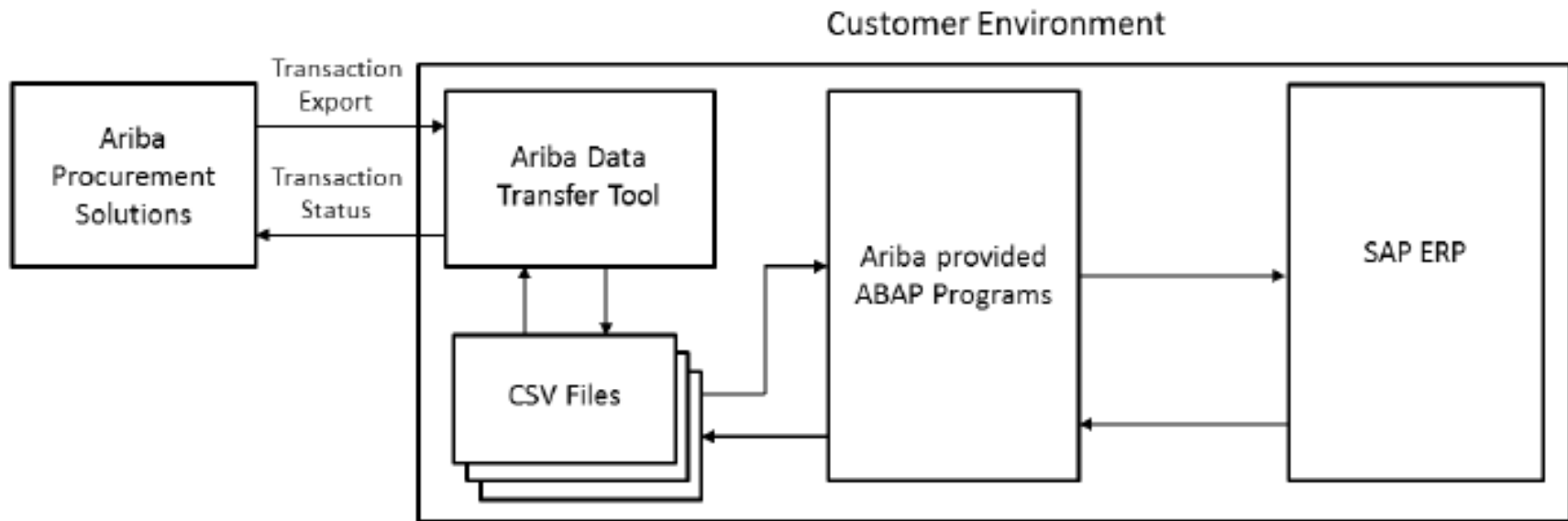


Figure 2: Integration of Transactional Data on File-Based Integration

SAP Ariba – Technische Übersicht und Konzept

Export All Master Data Required For On-Demand Application



Load Option

Full Load Incremental Load

Configuration

Encoding to be used

UTF-8

Variant

Partition

Download File Location

Dir Path for file download

\\SAPPI\sap_files\XI\PI9Work\Ariba\ERP\MasterData\resp

Choose Master Data for Export

Organizational Data

Plant CompanyCode PurchaseOrg
 PlantPurchaseOrg PurchaseGroup

Accounting Data

CostCenter InternalOrder GeneralLedger
 WBSElement Asset

Cross/Application Configuration Data

AccountCategory AccCategoryFieldStatus ERPCommodityCode
 CurrencyConversion TaxCode Payment Terms

Supplier Related Data

Supplier

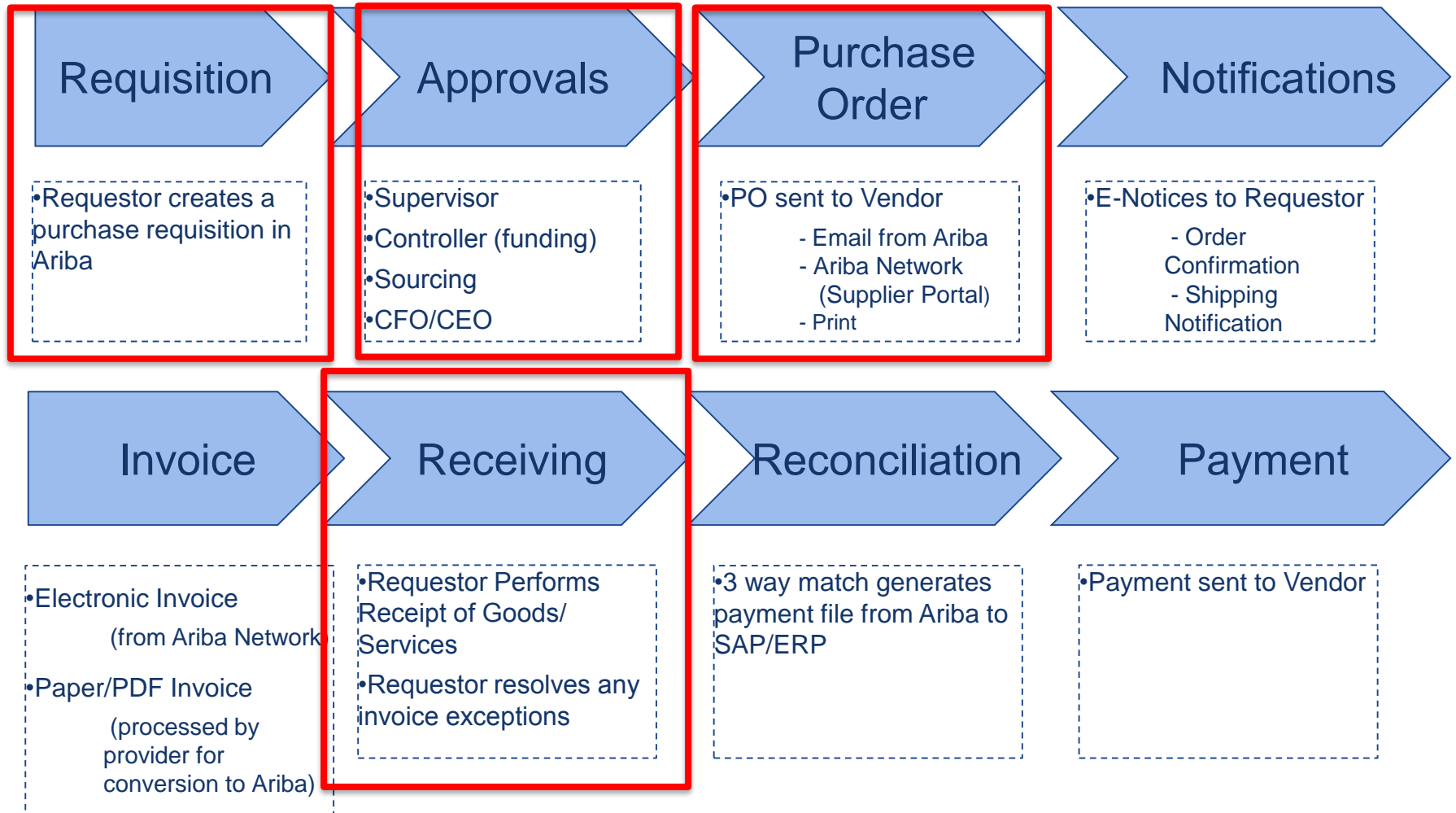
User Related Data

User & User Group

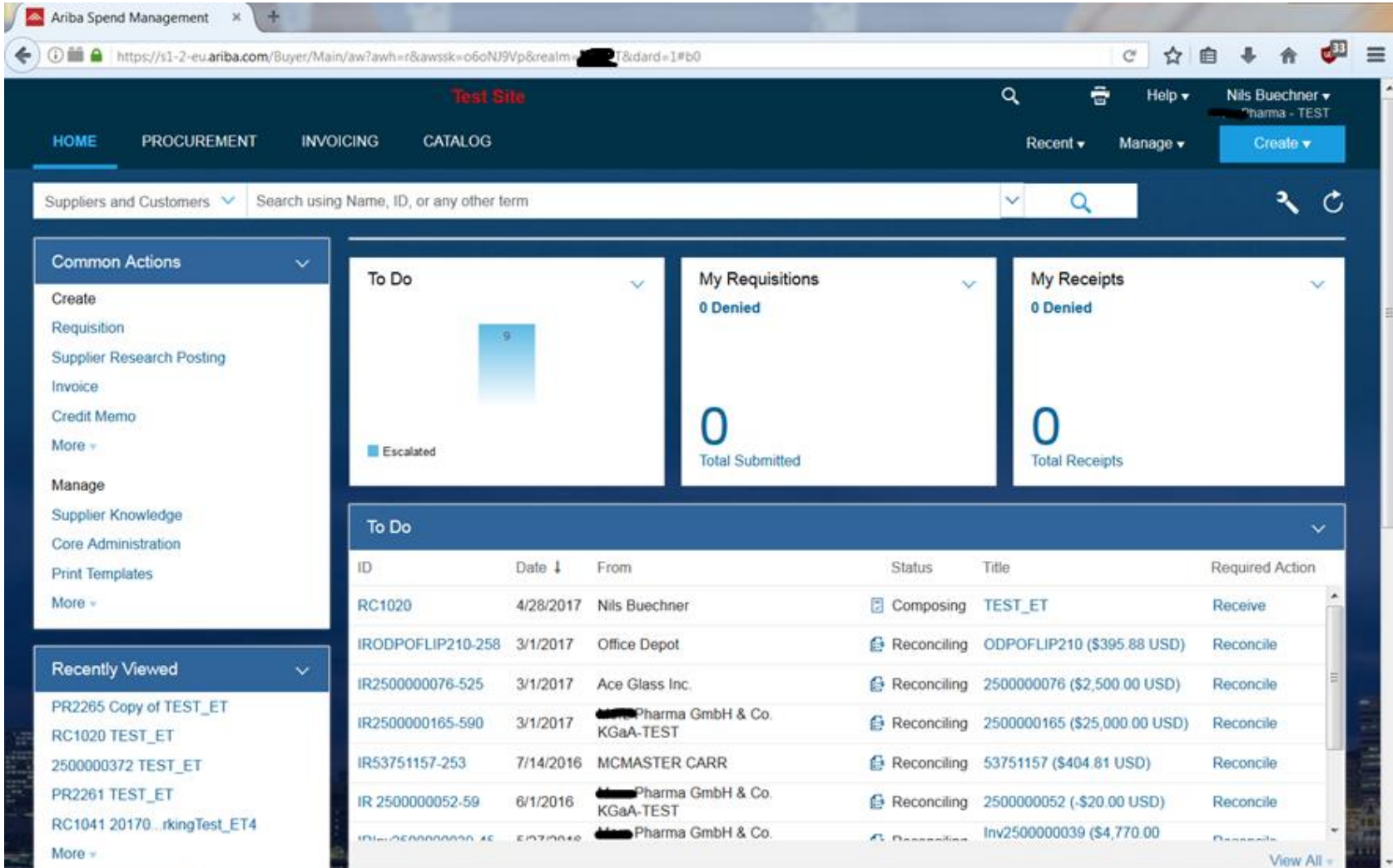
Themen:

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SAP Ariba – Prozessübersicht Bestellprozess



SAP Ariba – Prozessübersicht Bestellprozess



The screenshot displays the SAP Ariba Spend Management interface. The top navigation bar includes 'HOME', 'PROCUREMENT', 'INVOICING', and 'CATALOG'. A search bar is present with the text 'Search using Name, ID, or any other term'. The main dashboard features three summary cards: 'To Do' (9 items, 1 Escalated), 'My Requisitions' (0 Denied, 0 Total Submitted), and 'My Receipts' (0 Denied, 0 Total Receipts). Below these cards is a table of requisitions.

ID	Date ↓	From	Status	Title	Required Action
RC1020	4/28/2017	Nils Buechner	Composing	TEST_ET	Receive
IRODPOFLIP210-258	3/1/2017	Office Depot	Reconciling	ODPOFLIP210 (\$395.88 USD)	Reconcile
IR2500000076-525	3/1/2017	Ace Glass Inc.	Reconciling	2500000076 (\$2,500.00 USD)	Reconcile
IR2500000165-590	3/1/2017	Pharma GmbH & Co. KGaA-TEST	Reconciling	2500000165 (\$25,000.00 USD)	Reconcile
IR53751157-253	7/14/2016	MCMMASTER CARR	Reconciling	53751157 (\$404.81 USD)	Reconcile
IR 2500000052-59	6/1/2016	Pharma GmbH & Co. KGaA-TEST	Reconciling	2500000052 (-\$20.00 USD)	Reconcile
IR2500000039-45	5/27/2016	Pharma GmbH & Co.	Reconciling	Inv2500000039 (\$4,770.00)	Reconcile

SAP Ariba – Bestellprozess

Create Requisition

Once you click
“Proceed to
Checkout”, input the
requisition summary
information for the
line-items you
previously added.



PR937:

Summary

Title: * Consulting Services, Phase 1, Design.

On Behalf Of: Matthew Wilson D

Delay Purchase Until:

Company Code: 5300 [redacted] North America, Inc.)

[redacted] Contract Number:

My Labels: Apply Label...v

Deliver To: * Matt Wilson, Room 2012

Need-by Date:

Comments:

Visible to Supplier

Attachments: [Add Attachment](#)

Accounting - by Line Item

Account Assignment: * K (Cost center)

Item Category: * (no value)

Account Type: Cost Center

Bill To: * 5300-5302-5302 [redacted] North America, Inc.)

GL Account: 0000079000 (Supplies - Office, Comput...)

Cost Center: 0001085029 (Finance)

[Split Accounting](#)

Shipping - by Line Item

Deliver To: * Matt Wilson, Room 2012

Need-by Date:

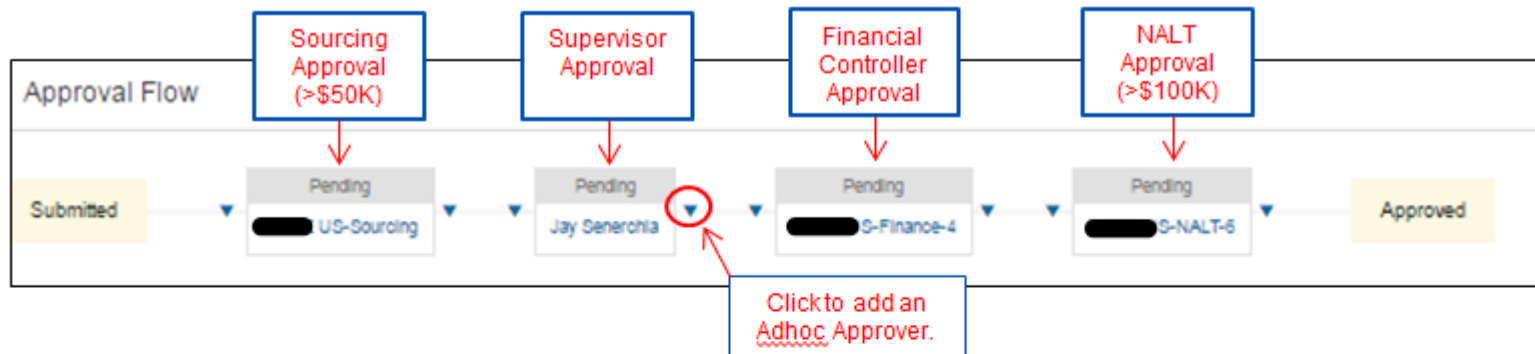
Ship To: 5300-5302-5302 [redacted] North America, L...)

Purchase Group: M00 (Steve Laufenberg)



The last step before
submitting the requisition is
to edit the accounting details
for each line item.

SAP Ariba – Bestellprozess Approval Flow



Sourcing – If \geq \$50K

Requestors Supervisor – If $<$ \$50K

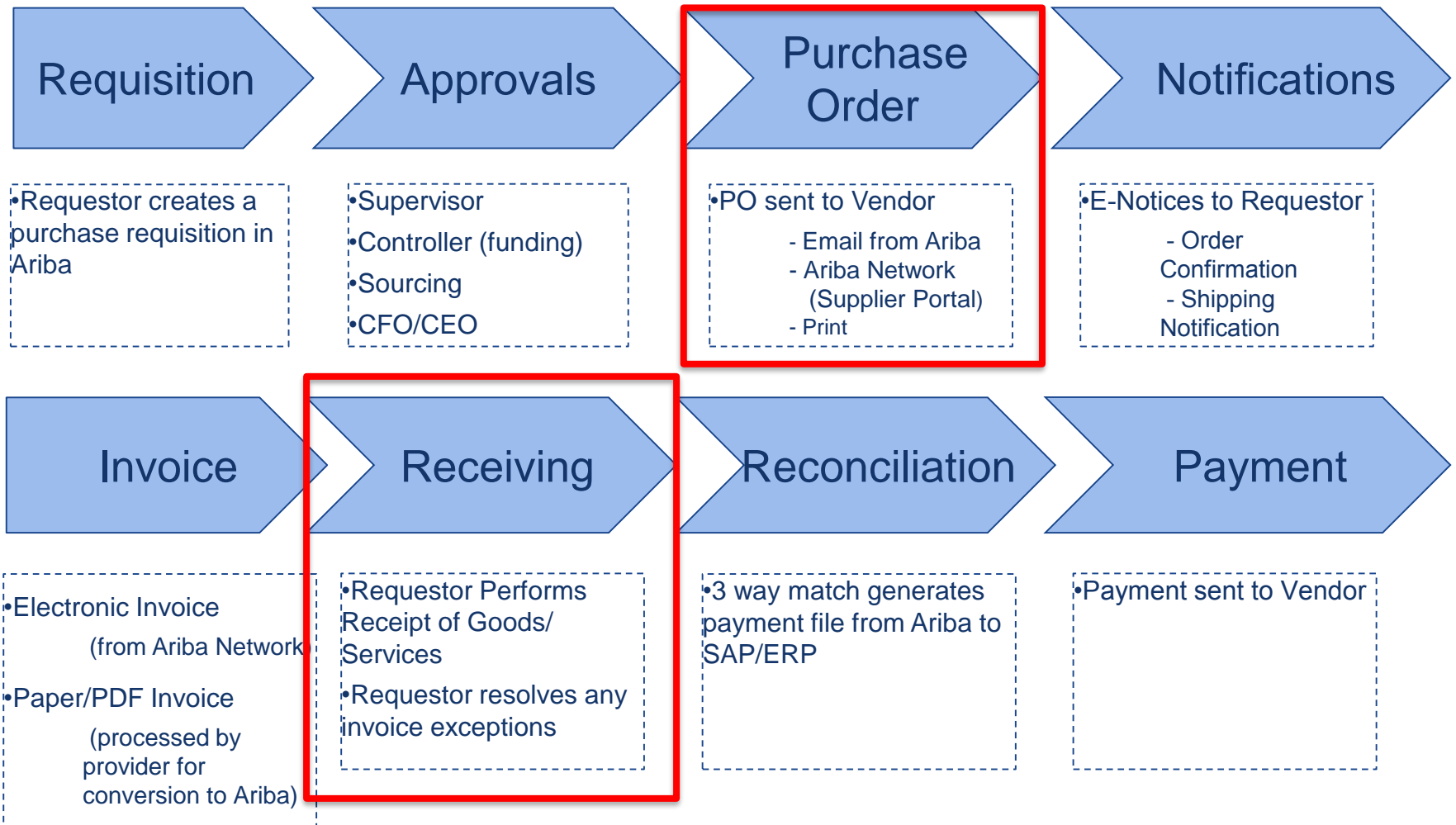
Financial Controller – If \leq \$100K

NALT – If $>$ \$100K and \leq \$250K

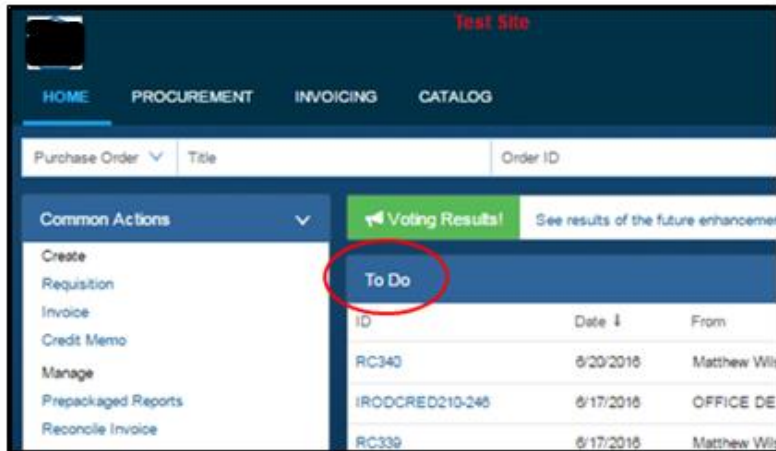
CFO – If $>$ \$250K and \leq \$500K

CEO – If $>$ \$500K

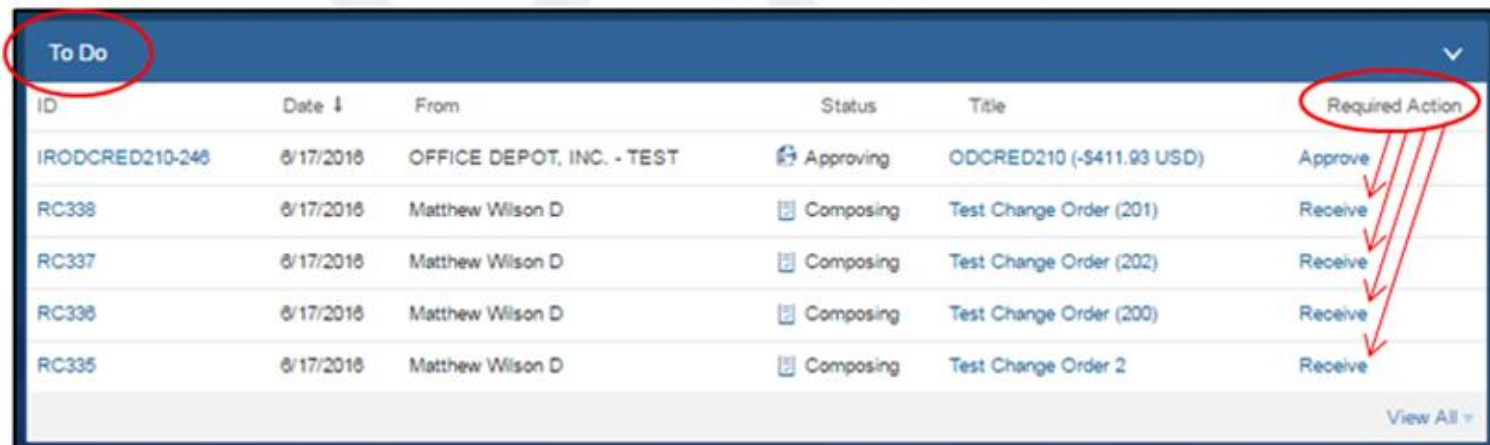
SAP Ariba – Prozessübersicht Bestellprozess



SAP Ariba – Bestellprozess Required Actions



The screenshot shows the SAP Ariba navigation menu. The 'To Do' item is circled in red. A green notification banner at the top of the menu reads 'Voting Results! See results of the future enhancements'.



The detailed view of the 'To Do' list shows a table with columns for ID, Date, From, Status, Title, and Required Action. The 'To Do' header and the 'Required Action' column are circled in red. Red arrows point from the 'Required Action' column to the specific actions for each row.

ID	Date ↓	From	Status	Title	Required Action
IRODCRED210-246	6/17/2016	OFFICE DEPOT, INC. - TEST	Approving	ODCRED210 (-\$411.93 USD)	Approve
RC338	6/17/2016	Matthew Wilson D	Composing	Test Change Order (201)	Receive
RC337	6/17/2016	Matthew Wilson D	Composing	Test Change Order (202)	Receive
RC338	6/17/2016	Matthew Wilson D	Composing	Test Change Order (200)	Receive
RC335	6/17/2016	Matthew Wilson D	Composing	Test Change Order 2	Receive

SAP Ariba – Bestellprozess Receive

Order ID: 2500000352 Date: Wed, 22 Jun, 2016
Order Title: Test Change Order 2 Processing Status: Receiving
My Labels: Apply Label...[ⓘ]

Line Items - Receive by Quantity

No.	Quantity	Full Description ↓	Unit	Supplier Part Number	Prev. Accepted	Prev. Rejected	Accepted	Rejected	Total Received	Date Received
1	1	Test Change Order	each		0	0	<input type="text" value="1"/>	<input type="text" value="0"/>	1	<input type="text" value="Wed, 22 Jun, 2016"/>



Line Items - Receive by Quantity

No.	Quantity	Full Description ↓	Unit	Supplier Part Number	Pre
1	1	Test Change Order	each		0

Close Order: Yes No [ⓘ]

Close the order only when you do not expect to receive more product against the order.

Themen:

- Übersicht, Konzept, Schnittstelle
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Cloud (SAP Ariba AMS Team)

- Parameter, z.B. Prealm, Sichtbarkeit von Feldern
- Entwicklungen

Customer UI

- Parameter, z.B. User und User Groups = Berechtigungen

Customer CSV-File

- Parameter, z.B. Org-Struktur, Zahlwege, Zahlungsbedingungen

Customer ERP /ARIBA/TVARV Tabelle

- Parameter, z.B. Filter für Export von ERP-Settings und Daten

- Quellen: SAP Ariba Administration Guides

SAP Ariba – Konfiguration

Core Administration - Überblick

HOME

PROCUREMENT

CATALOG

ADMINISTRATION

MORE...▼

Recent ▼

Manage ▼

Create ▼

- ▼ **Site Manager**
 - Data Import/Export
 - Audit Log
- ▶ **Integration Manager**
- ▶ **Master Data Manager**
- ▶ **Customization Manager**
- ▶ **User Manager**
- ▶ **Email Notification Manager**
- ▶ **Supplier Manager**
- ▶ **Dashboard Manager**
- ▶ **Commodity Code Manager**
- ▶ **Catalog Manager**
- ▶ **Contracts Manager**
- ▶ **Procure-to-Pay Manager**
- ▶ **Tax Manager**
- ▶ **Category Definition Manager**
- ▶ **Workforce Manager**

Welcome to Ariba Administrator

Ariba Administrator provides tools to manage your data.

Site Manager

Depending upon your configuration: Import and export data. Run scheduled tasks. View the audit log. Manage user sessions.

Master Data Manager

Configure External Systems. Search & administer master data. Manage master data load requests.

User Manager

Manage users.

Supplier Manager

View, add, modify, and delete suppliers.

Commodity Code Manager

Work with hierarchical commodity codes, including creating mappings between commodity code domains.

Contracts Manager

View and search for generated subscriptions.

Tax Manager

Manage tax components, tax codes, tax code lookups, and tax code lookup field maps

Workforce Manager

Work with contractors. Contractors are temporary employees working for your organization. Contractors can log in to Ariba Buyer and create time sheets.

Integration Manager

Depending upon your configuration: Import and export data. Configure events. Configure external system connection information. Configure the integration shared secret.

Customization Manager

Depending upon your configuration: Work with brands and customize user interface text. View, add, modify, and delete partitioned commodity codes and partitioned commodity code maps. Import and export data.

Email Notification Manager

Customize default email notification preferences and manage email notification recipients

Dashboard Manager

Dashboard Manager

Catalog Manager

Manage catalogs.

Procure-to-Pay Manager

Manage invoice exception types, receiving types, payment methods, payment terms, payment bank locations, and supplier payment information.

Category Definition Manager

Work with category definitions and associated items.

SAP Ariba – Konfiguration Import / Export – Manager

Data Import/Export

Exclamation marks (!) indicate tasks that completed with errors or warnings. Refresh the screen to show current status.

[Download Data Dictionary](#)

Search Filters:

Task Name:

[Web Service Status](#)

Import

[Refresh Status](#)

Tasks ↑	Integration Toolkit Names	Status	Last Imported	
Import GL Indicators for Advance Payment				<input type="button" value="Import"/>
Import Payment Method Types		Completed	01/27/2016 08:57:32 PM	<input type="button" value="Import"/>
Import Payment Method Type Translations		Completed	09/23/2017 08:02:01 PM	<input type="button" value="Import"/>
Import Payment Terms		Completed	12/24/2015 09:32:09 AM	<input type="button" value="Import"/>
Import Payment Terms Data (Consolidated File)		Completed	10/18/2017 07:05:10 PM	<input type="button" value="Import"/>
Import Payment Term Translations		Completed	09/29/2017 09:31:20 AM	<input type="button" value="Import"/>
Import Supplier Bank Payment Locations		Completed	12/24/2015 09:32:09 AM	<input type="button" value="Import"/>
Import Translations for Advance Payment Document Types				<input type="button" value="Import"/>

SAP Ariba – Konfiguration Import – Manager

Data Import for Task "Import Payment Method Type Translations"

Select the language for the translation you want to import. If you are importing translations from an Excel file,

Languages

All



File containing
translations for
PaymentMethodType:

Durchsuchen...

Export.csv

Run

Cancel

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SAP Ariba – Praxis

Org.-Struktur – Purchasing Unit

Problem:

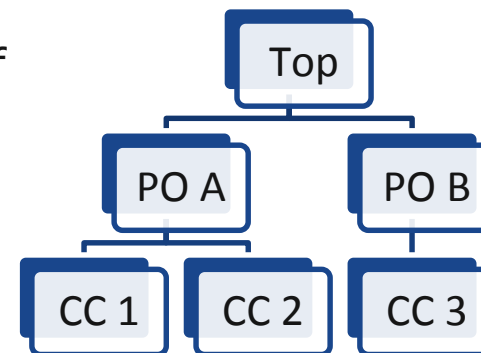
- Anwender sieht im Ariba Lieferanten aller Gesellschaften / Purchase Orgs, obwohl diese im ERP nicht so angelegt sind.
- Purchase Orgstruktur ist im Ariba angelegt und bekannt

Ursache:

- Differenz im Orgmodell bei Ariba: neue Organisationsebene Purchase Unit

Lösung:

- Parameter durch SAP aktivieren (Visibility)
- Orgstruktur überlegen
(Achtung: keine Top-Down Logik bei Zugriff User auf Lieferant)



SAP Ariba – Praxis

Org.-Struktur – Purchasing Unit

- Entwicklung einer Erweiterung der Schnittstelle im ERP, um die Werte abzuleiten, z.B. auf Purchase Org oder Company Code-Ebene je nach Objekt:

SAP Variant Master Data CSV Files

The following table lists the SAP variant master data CSV files that can include purchasing unit data.

Table 3: Master Data That Can Be Mapped to Purchasing Units: SAP Variants

Master Data CSV File Name	Can Map to Single or Multiple Purchasing Units	File Column Name for Mapping to Purchasing Unit
BudgetLineItems.csv	Single	ProcurementUnit
CompanyCode.csv	Single	PurchasingUnit
CostCenter.csv	Single	PurchasingUnit
PurchaseGroup.csv	Single	PurchasingUnit
PurchaseOrderConditions.csv	Single	ProcurementUnit
PurchaseOrg.csv	Single	PurchasingUnit
ReceivingTolerancesByPU.csv	Single	ProcurementUnit
ResponsibleUser.csv	Single	PurchasingUnit
Supplier.csv	Multiple	PurchasingUnits
User.csv	Single	PurchasingUnit

```
SupplierConsolidated_IMPORT_TEST_PU.csv
1 "UTF-8"
2 VendorID,AddressID,AnnualRevenueMaximum.Amount,PreferredLanguage,AnnualRevenueMaximum.Currency.UniqueName,CorporateFax,Amount
3 "0000102577",,,,,,"0","No",,,,,,"0000102577",,"CC4800",,,,,,"-1",,,,,"Synmed",,,,,"Enrique. ██████████",,,,,"Synmed",,,,,"No",,,,,,
4
```


Problem:

- Die Felder Incoterms 1 und 2 sind nicht im Ariba vorhanden und sichtbar, obwohl die Bestellung im ERP diese Daten aus dem Lieferantenstamm anzeigt.
- Es macht insbesondere in Europa einen Unterschied, ob grenzüberschreitend CPT (frei Haus) bestellt wird, oder EXW (Abholung)

Ursache:

- ???

I have checked both fields and OOTB field IncotermsCode cannot be exported and send to AN (as Adam mentioned) so I have created new custom field **cus_IncotermsCode** . This field is in your Purchase Order Export to ERP (file) and also in cxml message into AN.

OOTB field Incoterms Location could be added into export and AN, so I have enabled it.

Try to check export to ERP and AN and let me know if you have further questions.

Regards,
Erik

Erik Ivancak
Manager, Technology Services
SAP Ariba, Tower C, Sturova 27, 040 01 Kosice, Slovakia

T +421 55 310-2036 , E erik.ivancak@sap.com

Lösung:

- SAP AMS programmiert ein kundeneigenes Feld cus_IncotermsCode
- Schnittstelle im ERP erweitern

SAP Ariba – Praxis

Zahlwege / Payment Method

Problem:

- ERP definiert Zahlwege technisch unterschiedlich pro Land der Company Codes
- Die Beschreibung ist pro Land jeweils in unterschiedlichen Sprachen möglich
- Ariba kann nur die gleichen Codes nur global definieren mit Übersetzung in Anmeldesprache

Country Key	Payment Method	Name (in language of country)	Ariba Global Description	Bank details	Street, P.O. box, P.O. box post
AE	T	Bank Transfer	Bank Transfer		
AT	T	Überweisung DME	Bank Transfer	X	
AU	T	Bank Transfer	Bank Transfer	X	
DE	T	Scheck-Wechsel	Bank Transfer		X
ES	T	Foreign bank transfer	Bank Transfer	X	
FR	T	Bank Transfer	Bank Transfer	X	
HK	T	ACH Payment	Bank Transfer	X	
IT	T	Bank Transfer	Bank Transfer	X	
MY	T	Bank Transfer	Bank Transfer	X	
NL	T	Bank Transfer	Bank Transfer		
SG	T	ACH	Bank Transfer	X	
TH	T	Bank Transfer	Bank Transfer	X	

Ursache:

- ???

Lösung:

- Keine SAP Lösung
- Der Kunde harmonisiert global alle Zahlwege unter Mißachtung der lokalen Gegebenheiten, z.B. in Italien: „Ri.Ba“
- Probleme: Mehrere ERP System mit unterschiedlich verwendeten Codes

**VIELEN DANK FÜR IHRE
AUFMERKSAMKEIT**

Download aus Ariba



Microsoft Excel
7-2003-Arbeitsbla

SAP Ariba – Praxis

Integration Tracker / Field Mapping



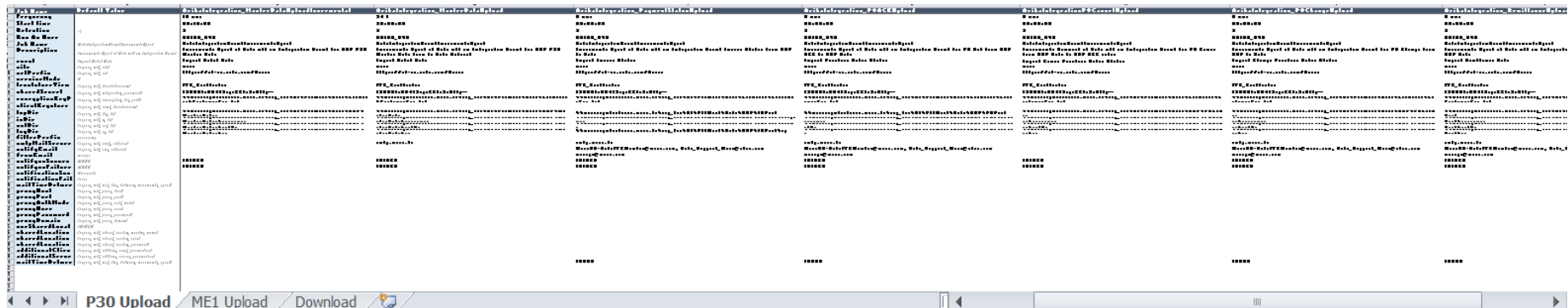
Microsoft
Excel-Arbeitsblatt

SAP Ariba – Praxis Job Scheduling

ERP Job Definition und Scheduling

Job	System	Job	Step	run each step in RSBTONEJOB2	Parameters	RSBTONEJOB2 variant	Frequency	St
ZARIBA_INTERFACE	P30	C	1	ZARBA_PO_CR_TRANSFER	ARIBA_ALL	ZARBA_PO_CR_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	1	ZARBA_PO_CR_TRANSFER	ARIBA_ALL	ZARBA_PO_CR_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	2	ZARBA_PO_CH_TRANSFER	ARIBA_ALL	ZARBA_PO_CH_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	3	ZARBA_PO_CA_TRANSFER	ARIBA_ALL	ZARBA_PO_CA_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	4	ZARBA_GR_CR_TRANSFER	ARIBA_ALL	ZARBA_GR_CR_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	5	ZARBA_IV_CR_TRANSFER	ARIBA_ALL	ZARBA_IV_CR_TR	every 15 minutes	
ZARIBA_INTERFACE	P30	C	6	/ARBA/CR_BAPI_PO_CREATE1	ARIBA_FULL	CR_BAPI_PO_CRE	every 15 minutes	
ZARIBA_INTERFACE	P30	C	7	/ARBA/CR_BAPI_PO_CHANGE	ARIBA_ALL	CR_BAPI_PO_CHA	every 15 minutes	
ZARIBA_INTERFACE	P30	C	8	/ARBA/CR_BAPI_PO_CANCEL	ARIBA_ALL	CR_BAPI_PO_CAN	every 15 minutes	
ZARIBA_INTERFACE	P30	C	9	/ARBA/CR_GR_CREATE	ARIBA_ALL	CR_GR_CREATE	every 15 minutes	
ZARIBA_INTERFACE	P30	C	10	/ARBA/CR_INVOICE_CREATE	ARIBA_ALL	CR_INVOICE_CRE	every 15 minutes	
ZARIBA_INTERFACE	P30	C	11	/ARBA/CR_REMITTANCE_EXPORT	ARIBA_ALL	CR_REMITTANCE_	every 15 minutes	
ZARIBA_INTERFACE	P30	C	12	/ARBA/MASTER_DATA_EXPORT	SUPPLIER	MASTER_SUPPLIE	every 15 minutes	
ZARIBA_MASTER_DATA_FULL	P30	C	1	/ARBA/MASTER_DATA_EXPORT	ARIBA_FULL	MASTER_DATA_EX	daily	

PI Job Definition und Scheduling



The screenshot displays a grid of job definitions in SAP. Each row represents a job with columns for Job Name, System, Job, Step, and Description. The jobs are organized into groups such as 'P30 Upload', 'ME1 Upload', 'Download', and 'P30 Download'. The descriptions for many jobs include details about integration scenarios and data transfer processes.