

*CaptureBites™ ERP*  
*Document Export Connector*  
*for use with SAP R/3*

SAP R/3 Configuration Guide

Version 01.61  
20. February 2013

<b>1</b>	<b>INTRODUCTION.....</b>	<b>3</b>
1.1	SAP SOFTWARE (RELEASE 4.6C).....	3
1.1.1	<i>Adding KGS Activator Lite functionality.....</i>	<i>3</i>
1.1.2	<i>ArchiveLink Customizing for ContentRepositories .....</i>	<i>6</i>
1.1.3	<i>SAP Customizing for Early Archiving.....</i>	<i>8</i>
1.1.4	<i>Trying out the CaptureBites ERP Document Export connector with Kofax Express .....</i>	<i>19</i>
1.1.5	<i>SAP Customizing for Late Archiving with Barcode .....</i>	<i>29</i>
1.1.6	<i>Business Case for scenario “Late Archiving with Barcode” .....</i>	<i>31</i>
1.1.7	<i>Trying out the CaptureBites ERP Document Export connector with Kofax Express .....</i>	<i>35</i>
1.1.8	<i>SAP Customizing for Early Archiving with Barcode.....</i>	<i>41</i>

# 1 Introduction

The CaptureBites ERP Document Export connector makes use of the *KGS Activator light for SAP R/3*. This provides connectivity to SAP ArchiveLink Interface and all SAP ArchiveLink 4.5 certified Archive Systems.

## 2 SAP Software (Release 4.6C)

The SAP Modules are available as an SAP Transport and can be imported using the SAP Transport Management System.

### 2.1 Adding KGS Activator Lite functionality

After installing the CaptureBites ERP Document export connector, you need to prepare your SAP system for the transport.

You find the required files on your desktop in the folder:

\\Desktop\\CaptureBites\\ERP Document Export\\SAP Transport\\SAP47\_V1\_30\_KGSActivatorL

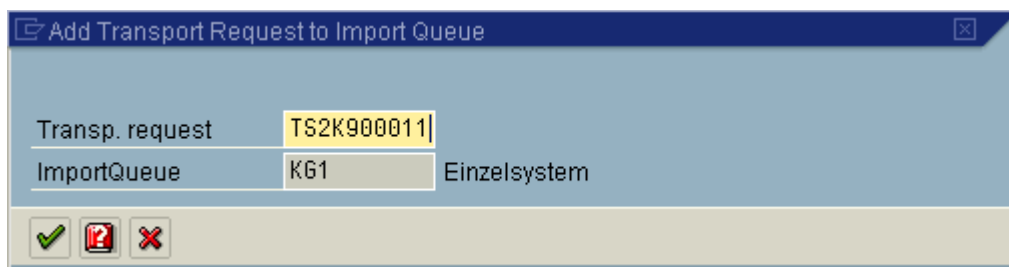
Copy the file that you find in \\SAP47\_V1\_30\_KGSActivatorL\\cofiles to the transport directory of the SAP Application Server (\\sapmnt\\trans\\cofiles\\)

Copy the file that you find in \\SAP47\_V1\_30\_KGSActivatorL\\data to the transport directory of the SAP Application Server (\\sapmnt\\trans\\data\\)

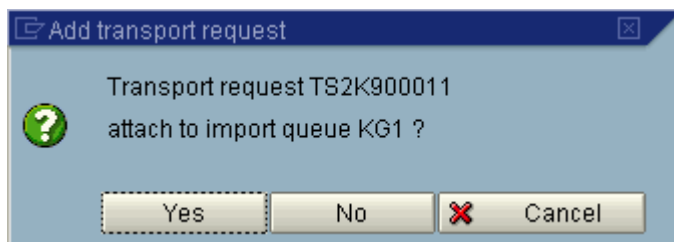
You should now find the files “Kxxxxxx.XXX” and “Rxxxxxx.XXX” in your \\sapmnt\\trans\\cofiles\\ and \\sapmnt\\trans\\data\\ folders.

To add this transport to the SAP’s Transport Management System, please start transaction “STMS”, press “F5” for Import Overview and select the import queue for your target system by double clicking its queue name.

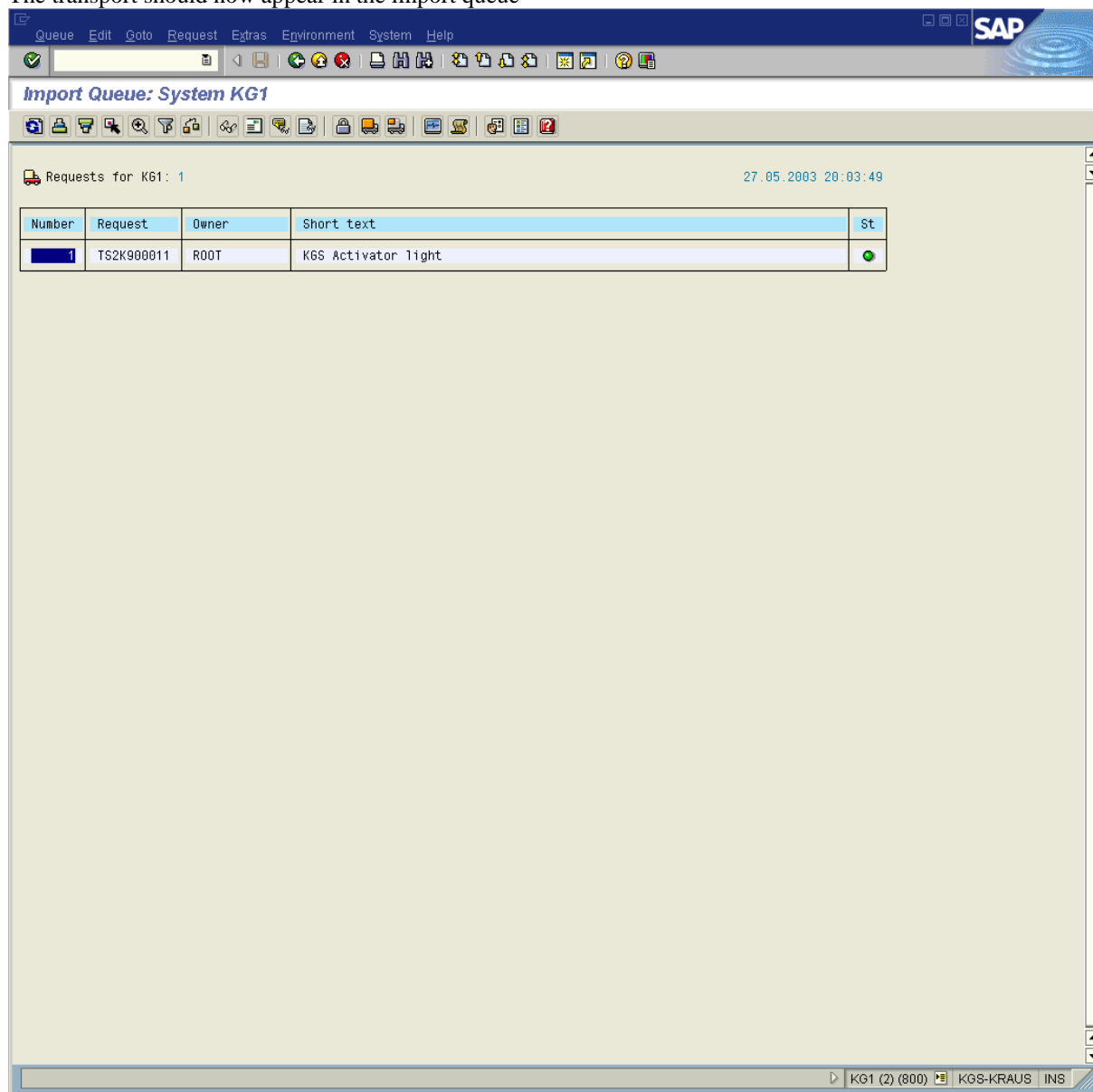
Now choose from the menu “Extras -> Other requests -> Add” and type specify the transport name as shown



Continue (Enter) and confirm the following screen to add this transport to the desired import queue



The transport should now appear in the import queue



To start the import select the queue entry and press Ctrl+F11 to import the request.

Please fill in the target client in the subsequent dialog (e. g. 800) and use default settings for the other options (“Start date” should be set to “Immediate”).

Import Transport Request

Transport request TS2K900011

Target system KG1 Einzelssystem

Target client [Yellow Box] Targ.Client=source client

Date Execution Options

Start date

☒ Immediate

☐ At start time

Planned start 27.05.2003 17:54:47

No start after [Empty] [Empty]

☐ After event

Event [Empty]

Parameters [Empty]

[Green Checkmark] [Blue Bus] [Red Question Mark] [Red X]

Continue (Enter) to start the import procedure and confirm this by pressing “Yes” in the subsequent dialog.

The progress of the import procedure is shown in the status bar of the SAP GUI window. To finish the import may take several minutes, depending on the SAP environment.

## 2.2 ArchiveLink Customizing for ContentRepositories

As a preparation for the following ArchiveLink scenarios “Early Archiving with SAP Business Workflow” and “Late Archiving with Barcode” a ContentRepository where the images are stored (in an external Archiving solution) has to be customized using Transaction OAC0

**Display Content Repositories: Detail**

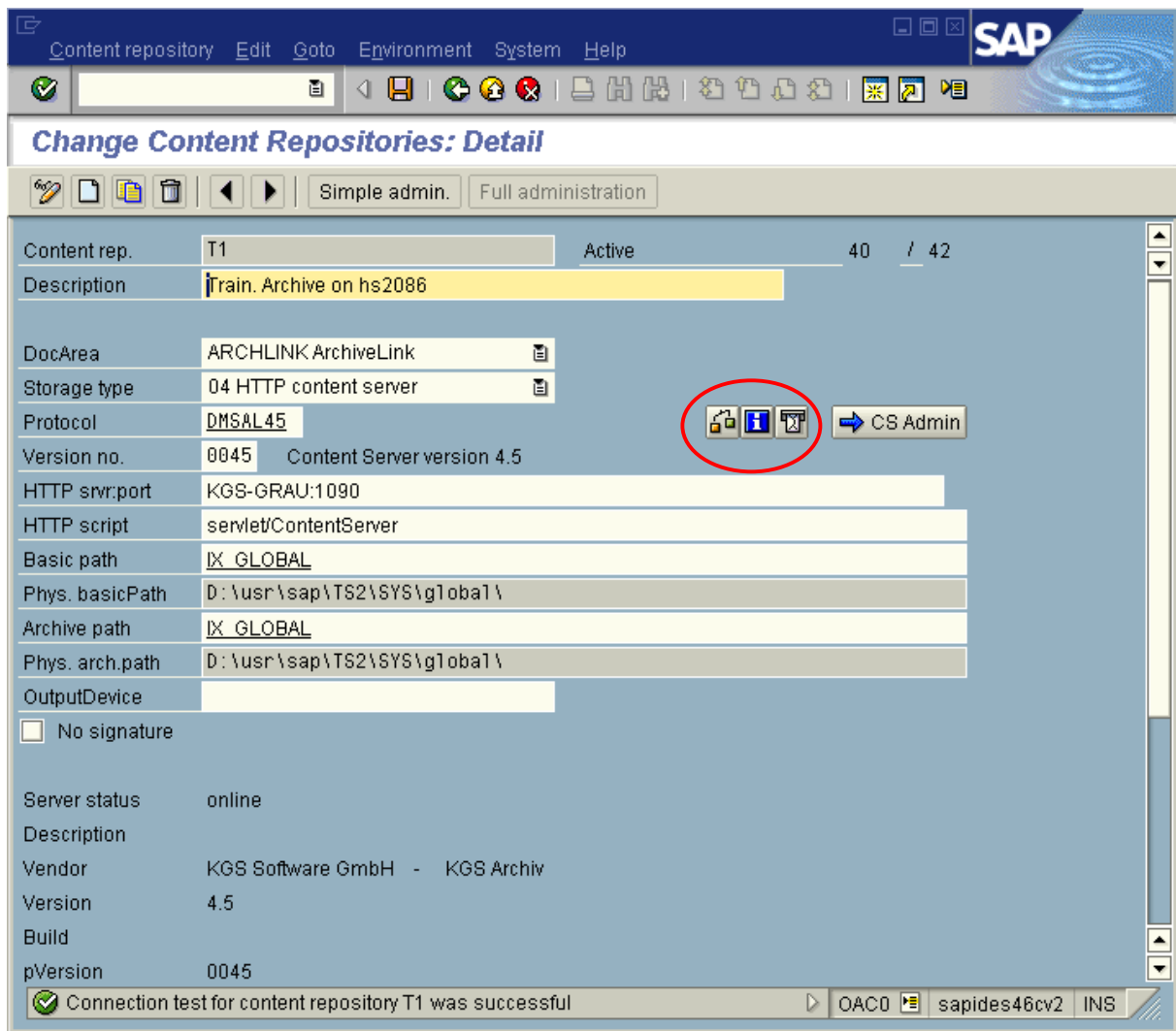
Simple admin. Full administration

Content rep.	T1	Active	40 / 42
Description	Train. Archive on hs2086		
DocArea	ARCHLINK ArchiveLink		
Storage type	04 HTTP content server		
Protocol	DMSAL45		
Version no.	0045 Content Server version 4.5		
HTTP svr:port	KGS-GRAU:1090		
HTTP script	servlet/ContentServer		
Transfer drctry	IX GLOBAL		
Phys. path	D:\usr\sap\TS2\SYS\global\		
Time created	10.03.00 22:02:16		
Created by	KOCHUL_____		
Last changed at	27.05.03 13:58:11		
Last changed by	ROOT		
Name	Joe		

OAC0 sapides46cv2 INS

push button Display/Change (CTRL-F4)

push button “Full administrator”

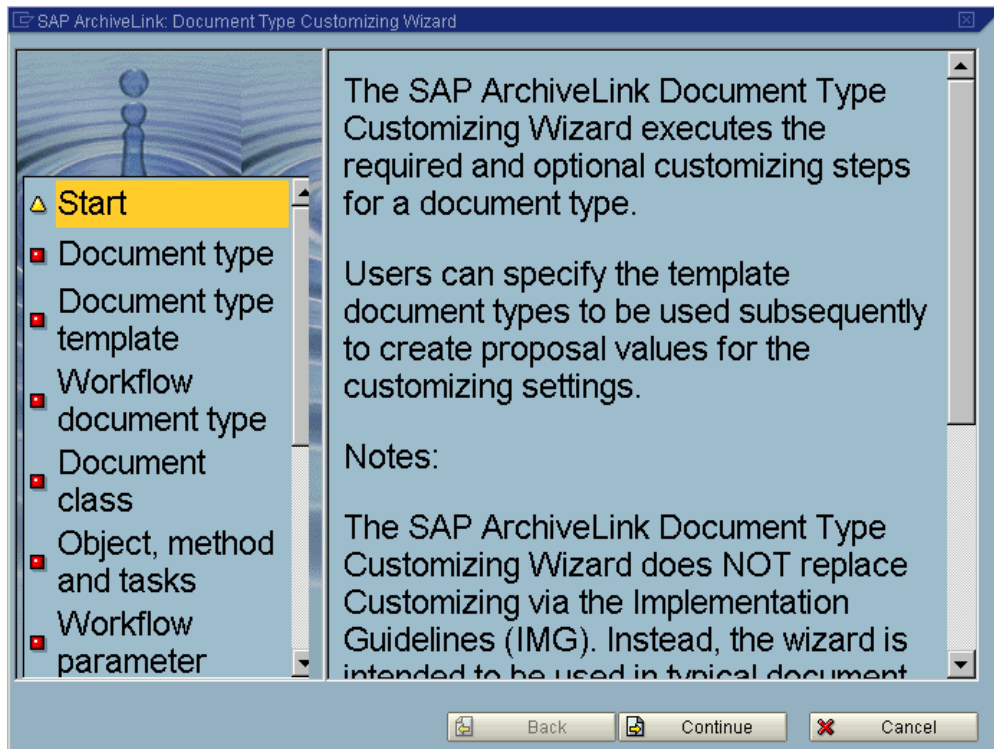


push button connection test.

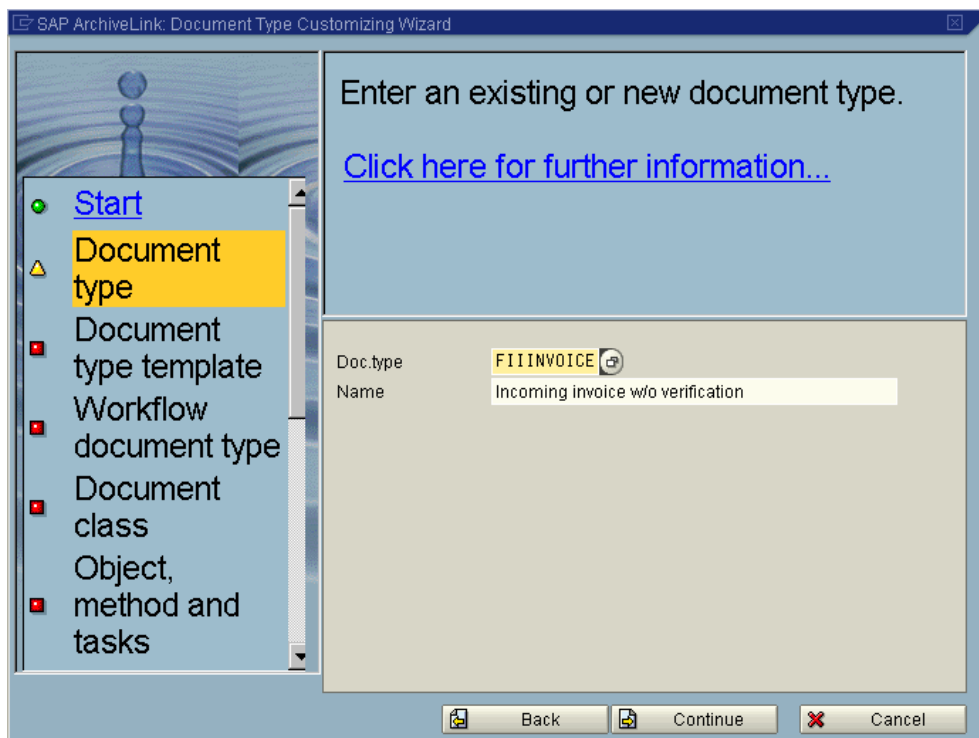
It is very important due security reasons that a certificate has been sent to the external ContentServer during installation of the external archiving solution.

## 2.3 SAP Customizing for Early Archiving

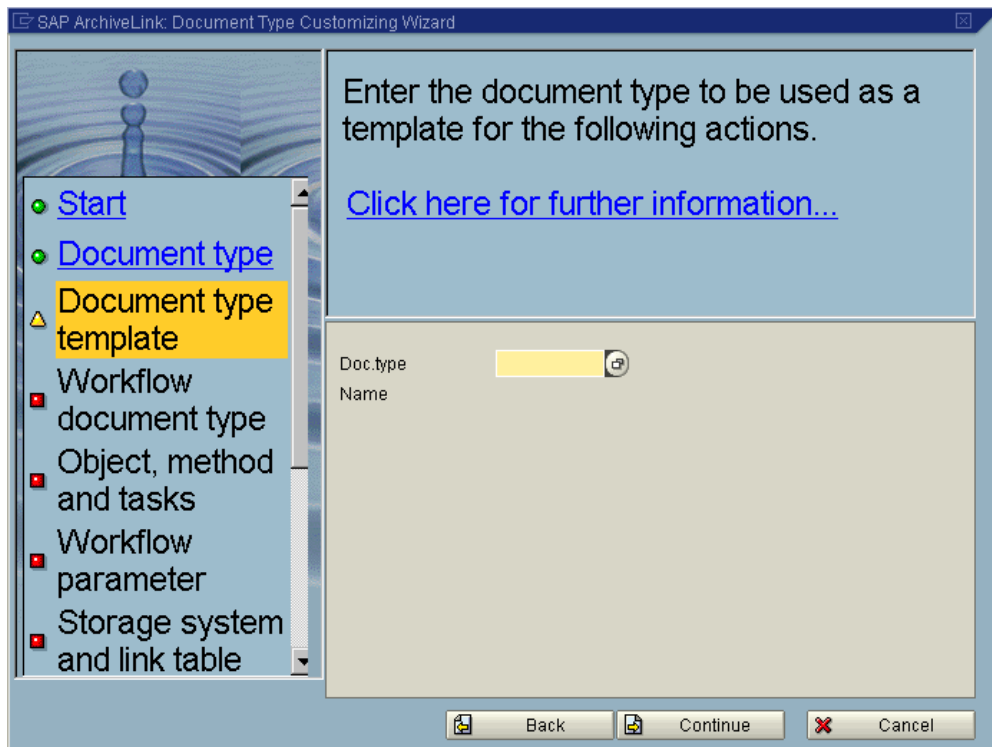
To enable the SAP environment for the ArchiveLink scenario “Store for subsequent entry” using the SAP Business Workflow a workflow document type has to be defined using transaction “OAD5”



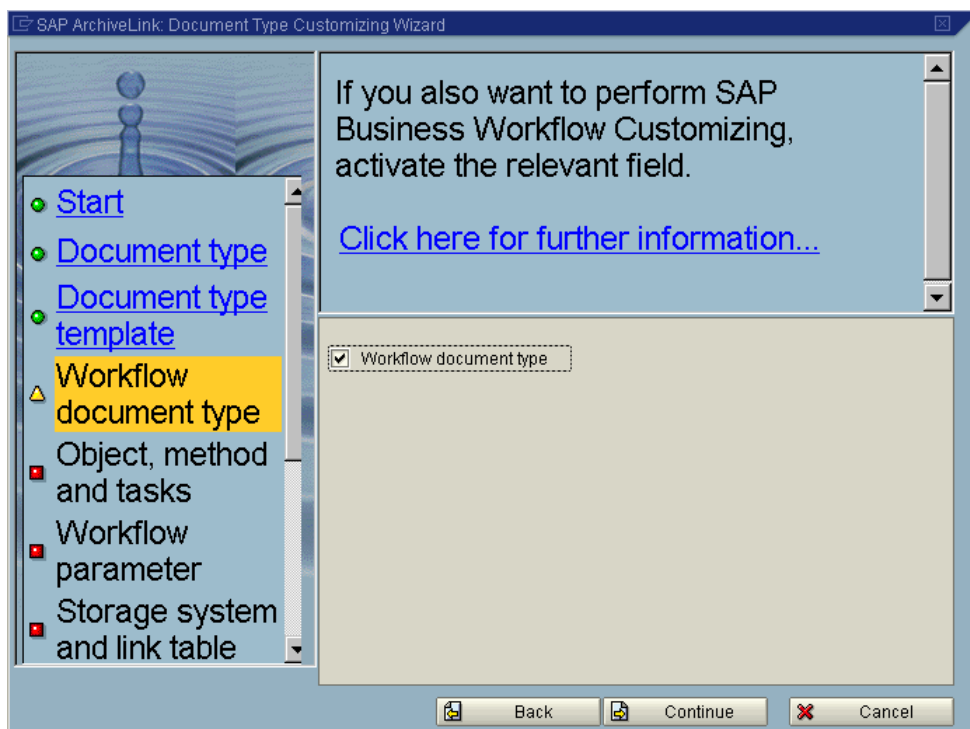
You can either use an existing Document Type (e. g. FIIINVOICE) or create a new one. Please follow this example for details:



If “FIIINVOICE” is used the Doc.type template may be empty.



In the following dialog please specify the ContentRepository where the documents should reside in (e. g. FI). Please see ArchiveLink Customizing (OAC0 [2.2]) for repositories for details.



SAP ArchiveLink: Document Type Customizing Wizard

Specify the object type, the method and the tasks for the storage scenarios.

[Click here for further information...](#)

Obj. type: **BKPF**

Name: Accounting document

Entry

Method	CREATE	Create
Task	TS7869	ImageAssign
Name	Confirm Document Type/Enter R/3 Document	

Assignment

Task	
Name	

Back Continue Cancel

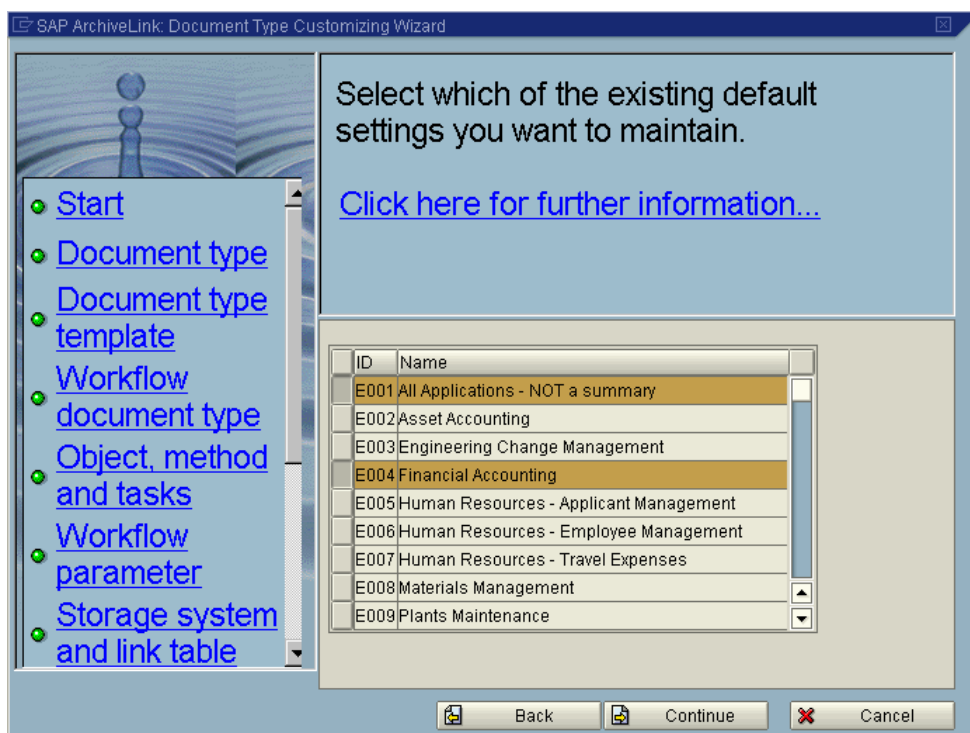
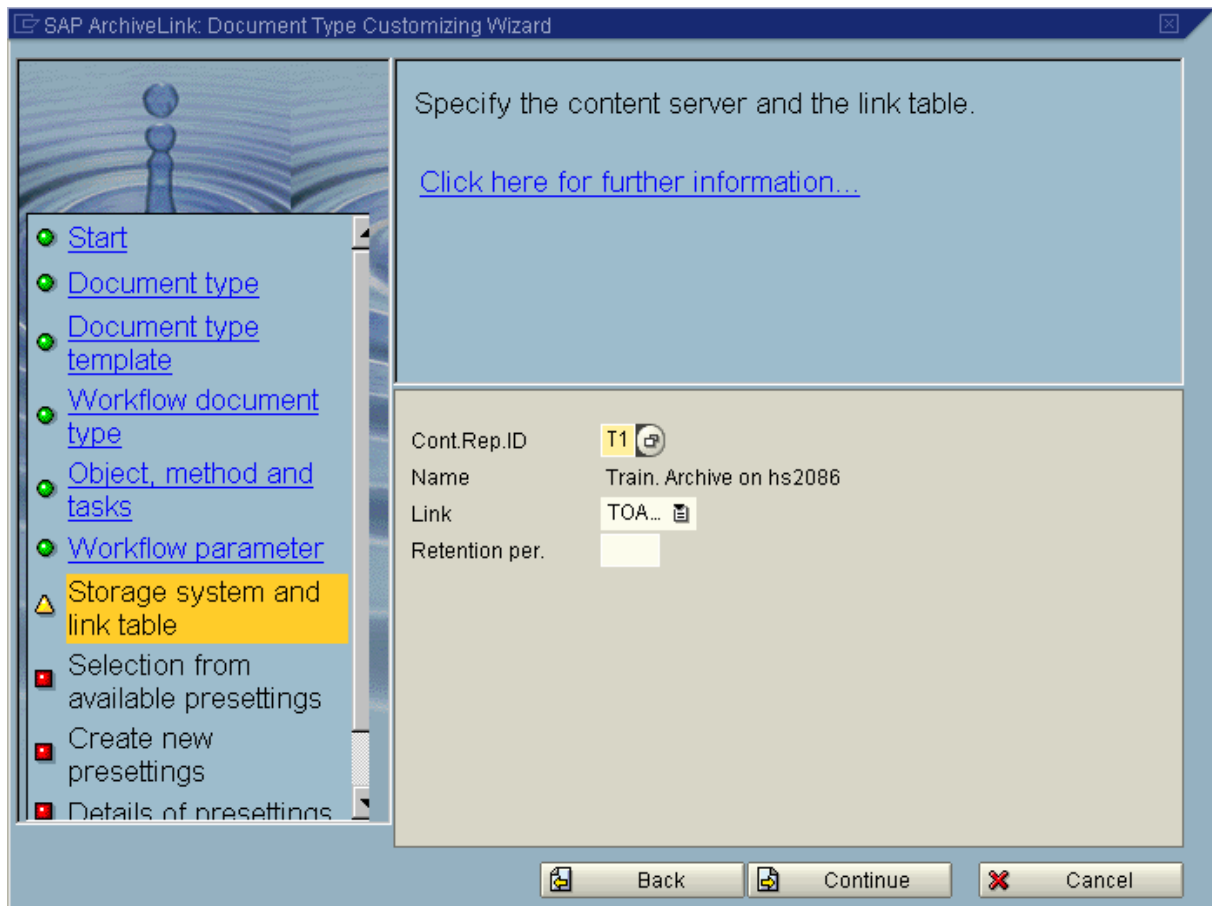
SAP ArchiveLink: Document Type Customizing Wizard

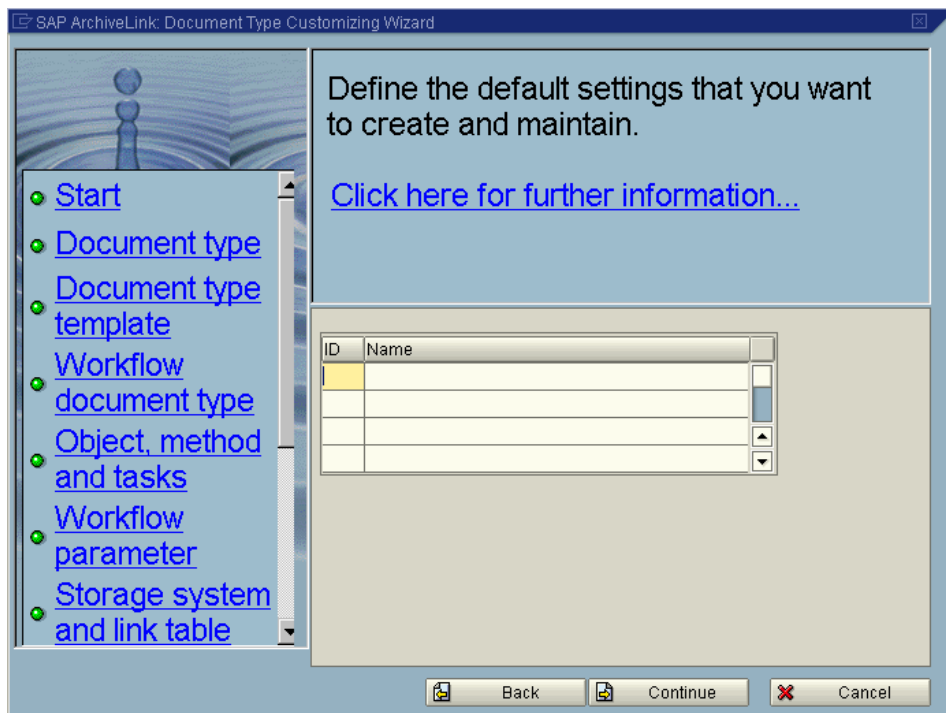
Enter the workflow parameters.

[Click here for further information...](#)

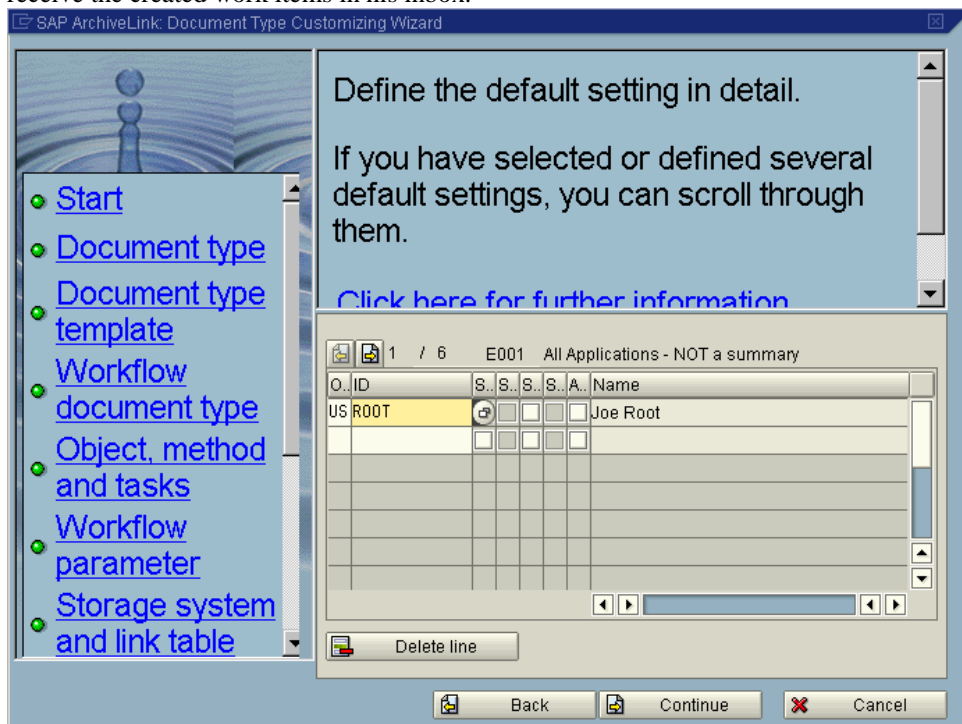
Parameter	Contents	Name
TRANSACTIONCODE	FB60	Transaction Code

Back Continue Cancel

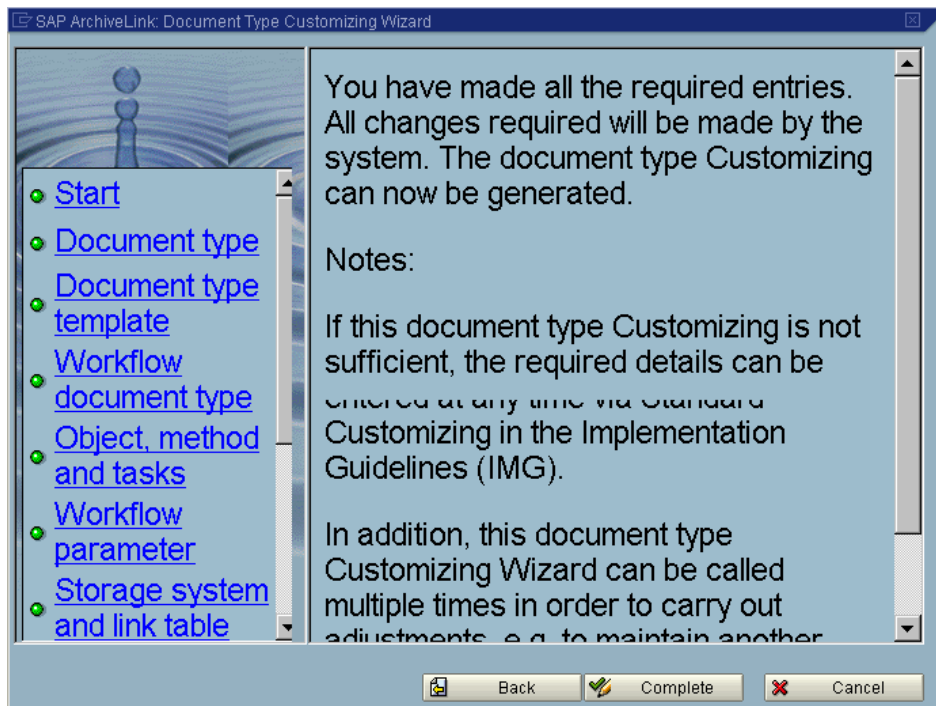




In the following screen you can specify the user/group/organization as the addressee for the work items. Please choose from the selection boxes the appropriate values. In the following example the USER "ROOT" will receive the created work items in his inbox.

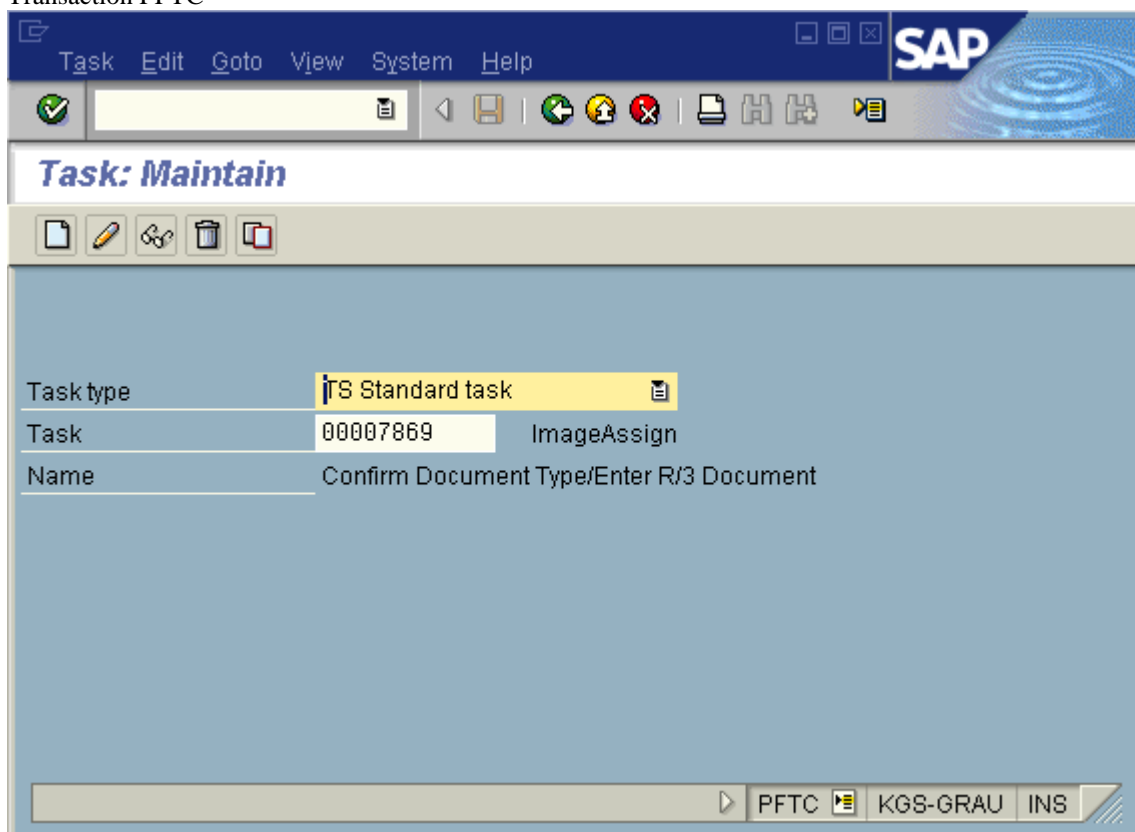


Press "Complete" to finish with the Document type definition



Make sure that, the customizing of the agents is done for the Workflowtask (in this example TS00007869)

Transaction PFTC



push button change or F5

Standard task Edit Goto Additional data Utilities System Help

Standard Task: Change

Container Initial values

Standard task	7869	ImageAssign
Name	Confirm Document Type/Enter R/3 Document	
Development class	SAOA	Appl. component BC-SRV-ARL

Basic data Description Alternative methods Triggering events Terminating events

Name

Abbr. ImageAssign

Name Confirm Document Type/Enter R/3 Document

Work item text &Description&

Release status Not defined

Object method

Object type	IMAGE	ArchiveLink image
Method	IMAGEASSIGN	ImageAssign
<input type="checkbox"/> Synchronous object method <input checked="" type="checkbox"/> Object method with dialog		

Execution

☐ Background processing ☐ Executable as form

☐ Confirm end of processing

Caution: you are maintaining a cross-client object.

PFTC KGS-GRAU INS

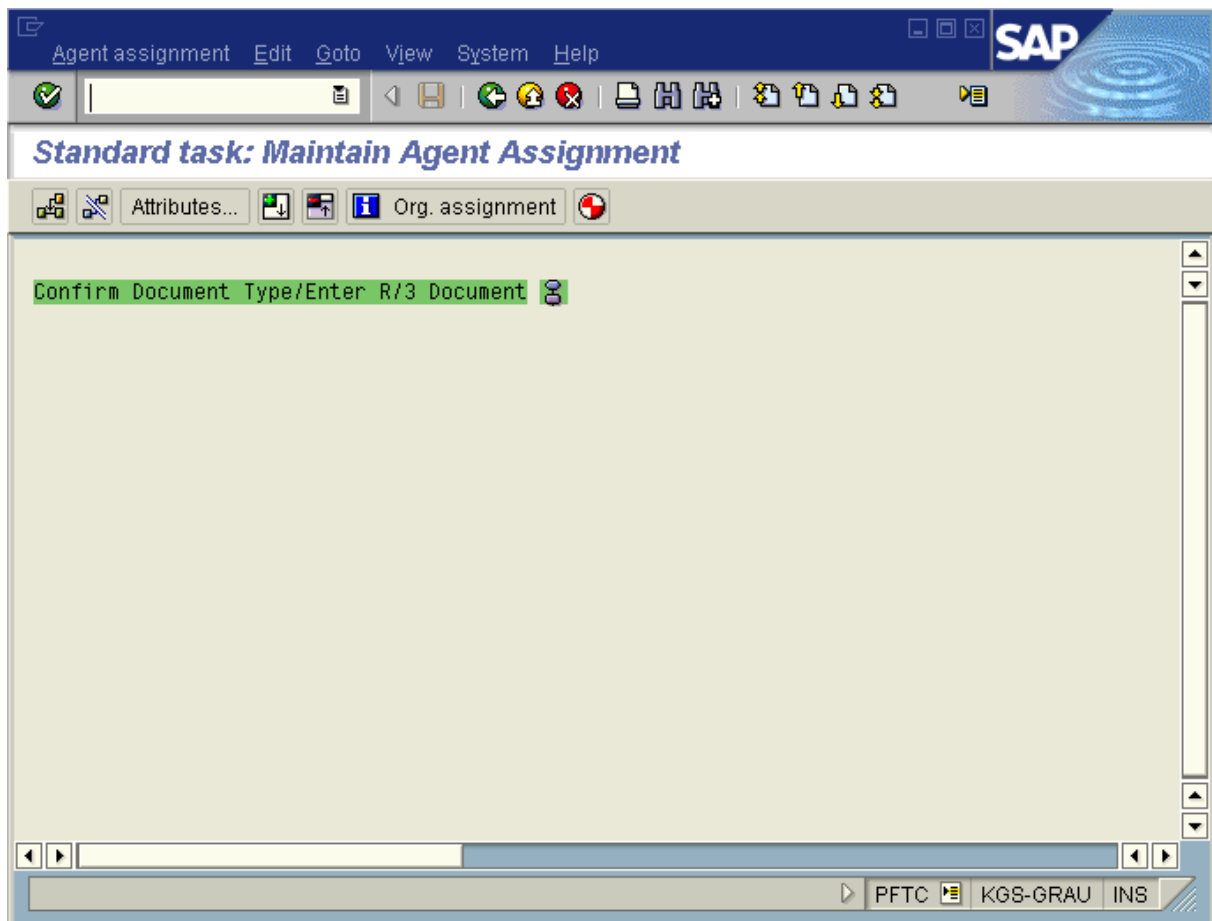
Menu /Additional data/Agent assignment/Maintain

Transfer container elements

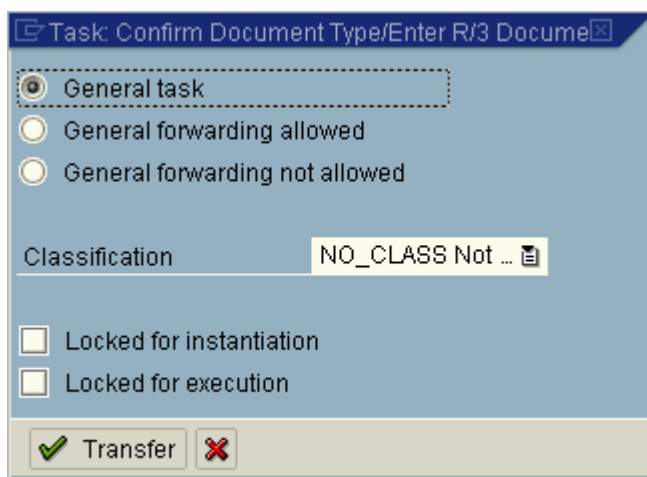
Transfer missing elements from the object method?

Yes No Cancel

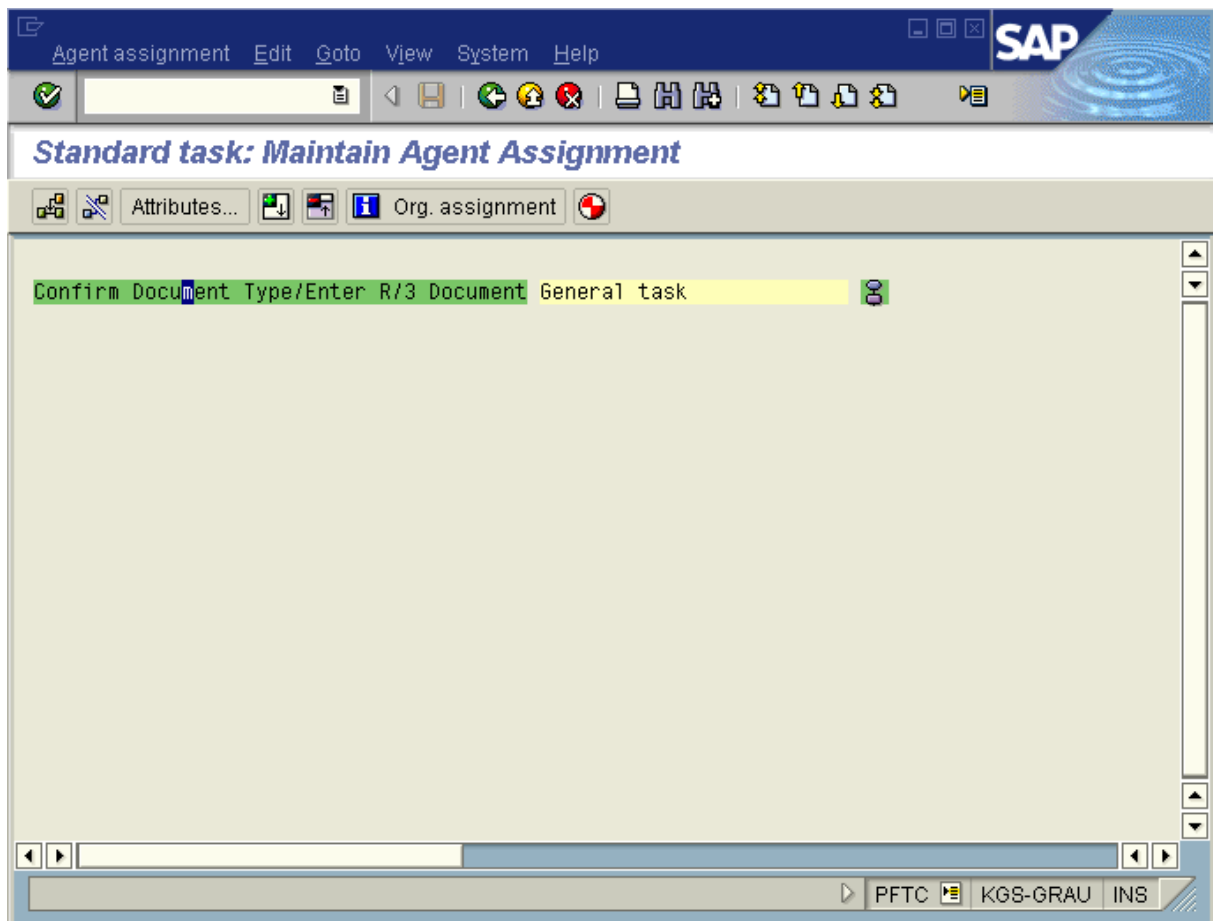
press NO



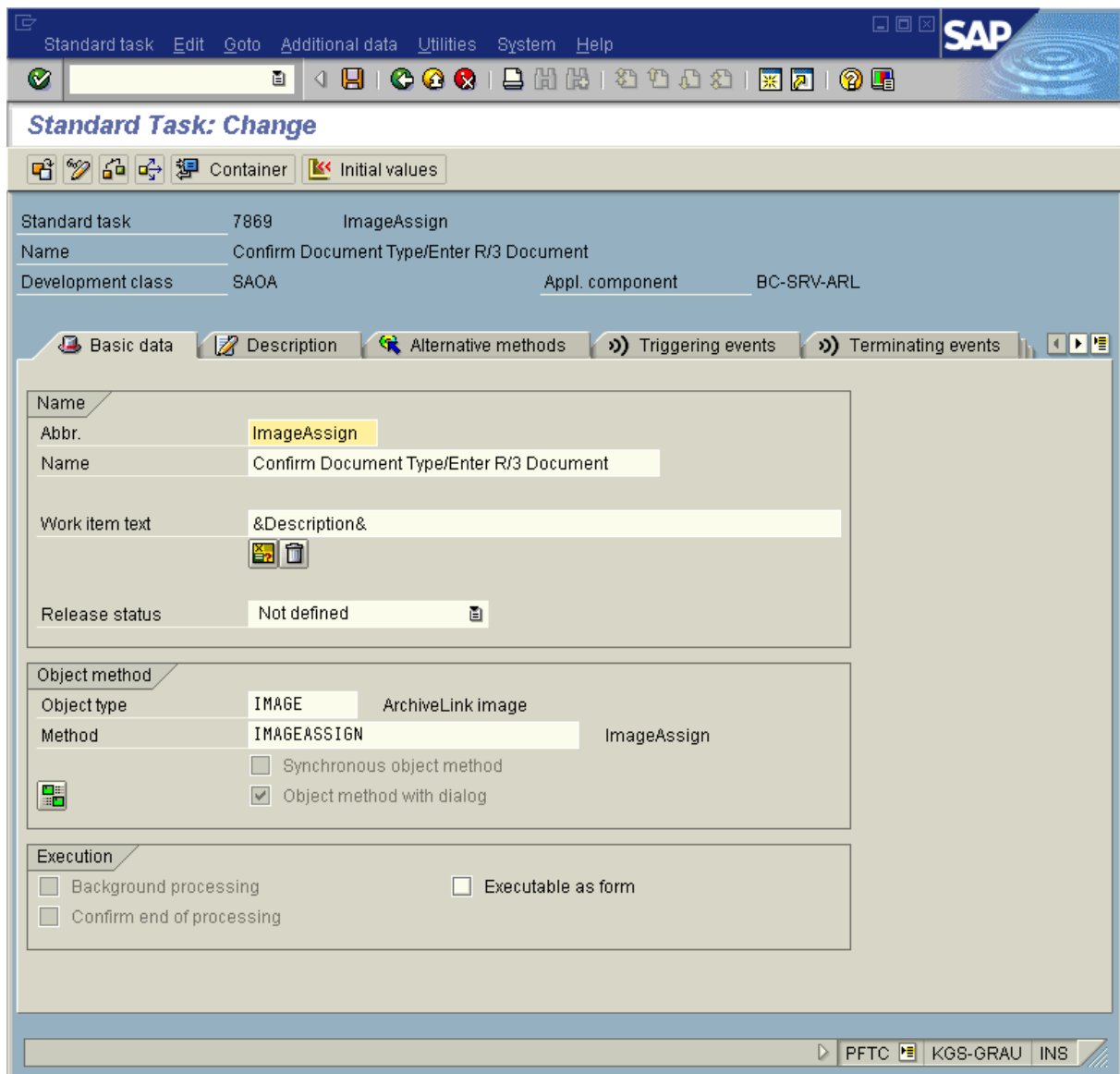
push button Attributes



push button Transfer



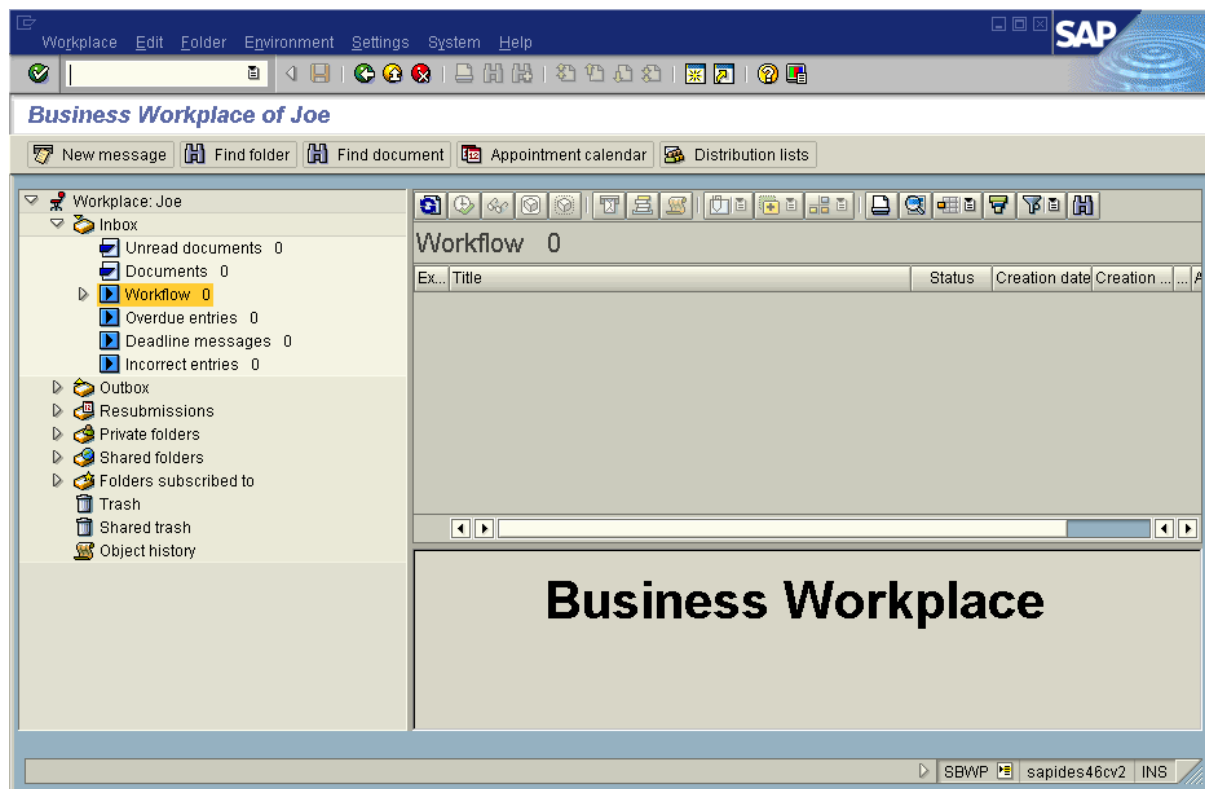
push back button or press F3



push save button or press Ctrl-S

Business Case for scenario “Early Storing for subsequent entry”

Transaction SBWP

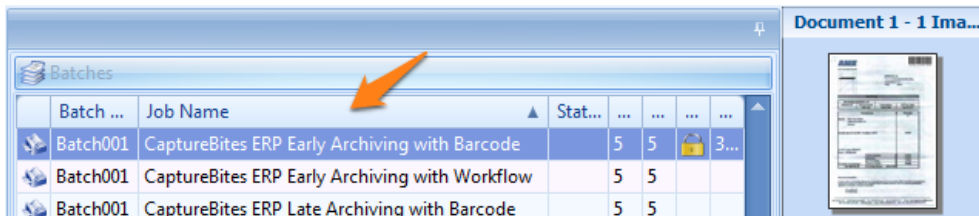


## 2.4 Trying out the CaptureBites ERP Document Export connector with Kofax Express

Now you are ready to use Kofax Express with the CaptureBites ERP Document Export connector for Archiving and creating SAP Workitems.

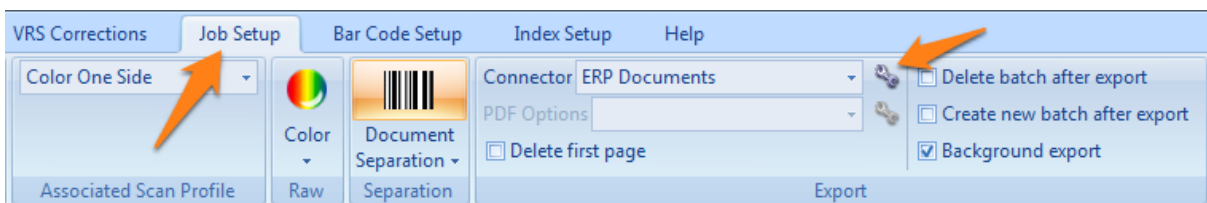
Open Kofax Express and find three jobs with a sample batch with some test images:

1. CaptureBites ERP Early Archiving with Barcode
2. CaptureBites ERP Early Archiving with Workflow
3. CaptureBites ERP Late Archiving with Barcode

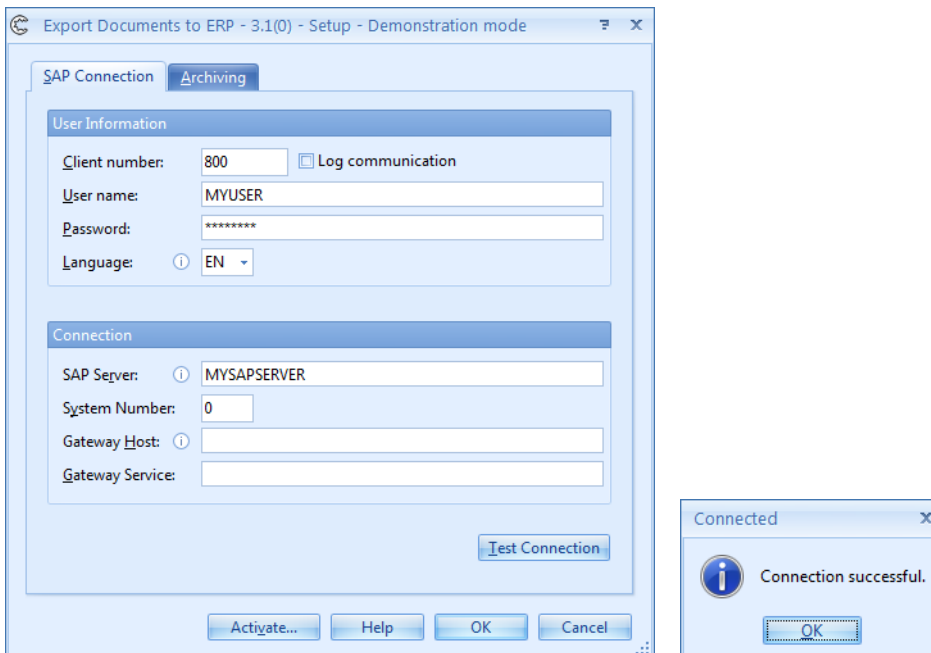


Select the ERP Early Archiving with Workflow job.

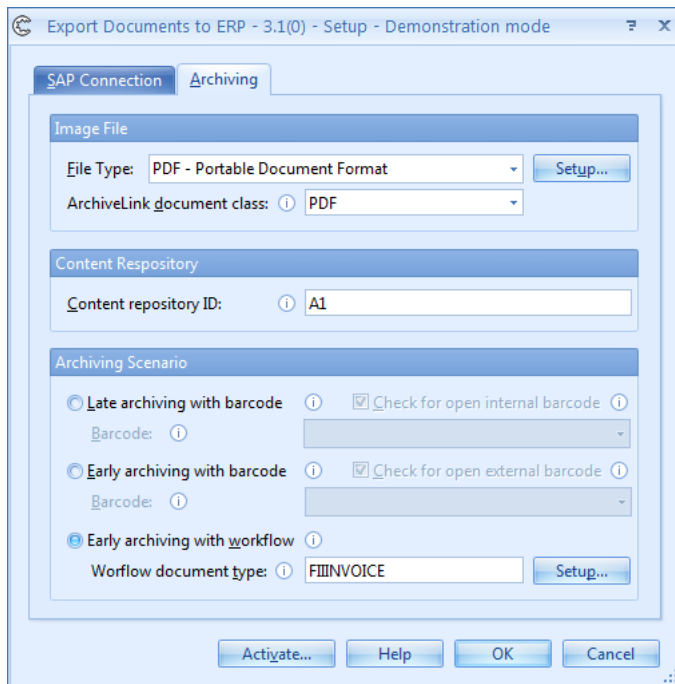
To configure the connector for your SAP system, open the Job tab and open the setup of the ERP Documents connector.



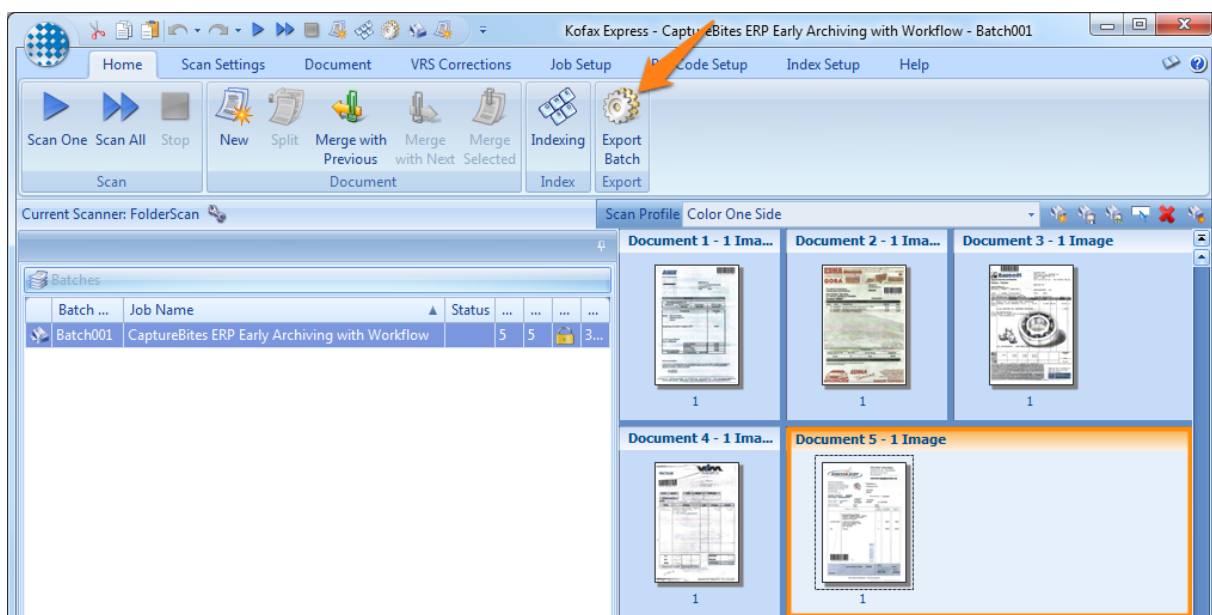
Enter the correct parameters to connect to your SAP system and test the connection by pressing **Test Connection**. If the Connection successful appears, click OK and open the Archiving tab.



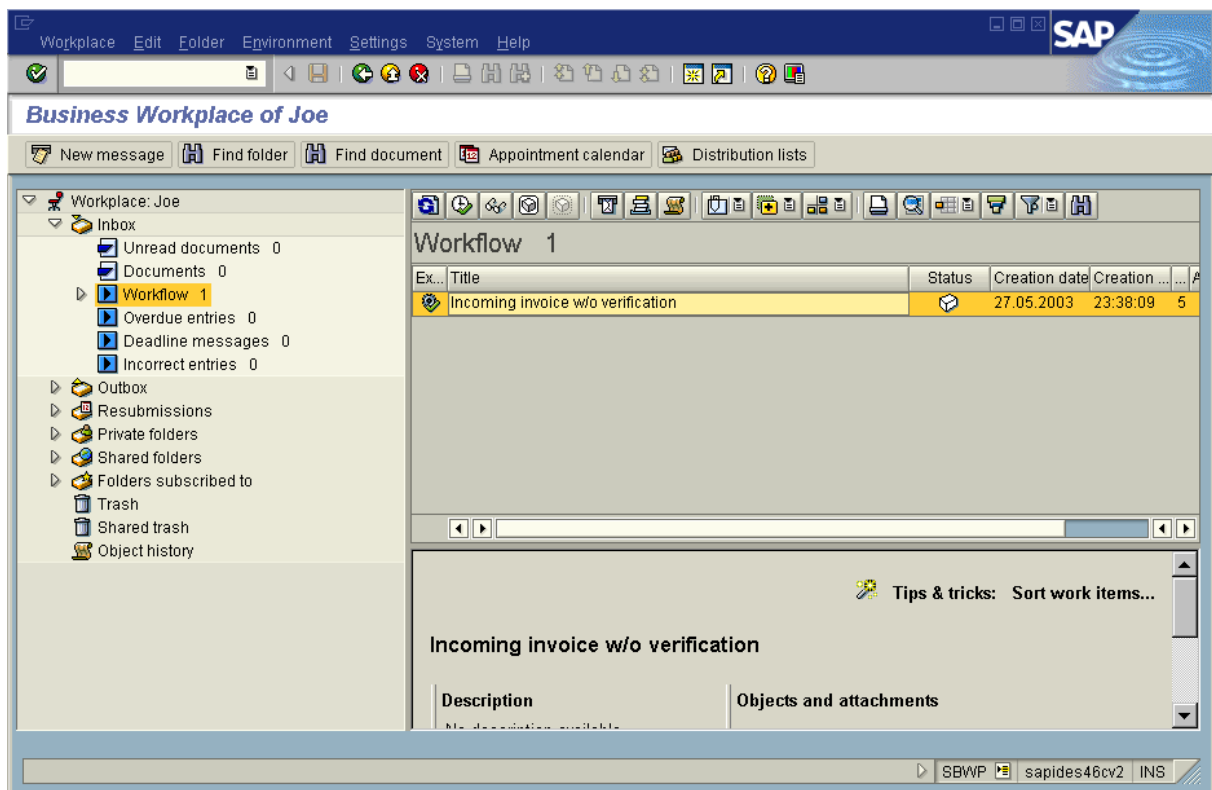
In the Archiving tab, set the correct Repository ID and the Workflow document type you want to use and press OK.



In Kofax Express, export the batch by pressing "Export Batch" and check the result in your SAP system.



go back to transaction SBWP and push refresh button



double-click workitem

System Help SAP


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**SAP R/3**


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Component: 1 / 1





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## Reisebüro am Markt Lufthansa City Center



Auf'm Hügelnchen 11a      Telefon (0 26 32) 9 64 80  
D-56626 Andernach      Telefax (0 26 32) 49 16 06

**RECHNUNG**

UNSERE NEUE ADRESSE: AUF'M HUEGELCHEN 11A

Rechnungsgabe: Kunden-Nr. Datum

09191 01 00338402 001407 17.02.00

Reisender: GRAU/KRAUS      Reise-Datum: 21.02.00      Besteller: HERR GRAU      Auftrags-Datum: 0002

Exp.-Nr.	Leistg.-Code	Leistungsbezeichnung	Dokumenten-Nr.	Anzahl	Preis in DM	+	-	M	MwSt. enthalten in DM
0002*9991		IT REISE			1.193,32	+		0	
0002		FUER GRAU/STEPHANMR							
0002		FRANKFURT /MADRID /FRANKFURT							
0002		FUER KRAUS/REINERMR							
0002*		ZAHLBAR MIT RECHNUNGSERHALT							

Die Mehrwertsteuer wird im Namen und auf Rechnung des jeweiligen Leistungsträgers ausgewiesen.	% MwSt. in DM 16 0,00+	% MwSt. in DM 7 0,00+	MwSt. DM 0,00+	Gesamtbetrag DM 1.193,32+	M: 1 = voller MwSt.-Satz M: 2 = ermäßigter MwSt.-Satz 1
--	---------------------------	--------------------------	-------------------	------------------------------	---

**Zahlbar** sofort ohne Abzug. Die Rechnungslegung erfolgt im Namen und für Rechnung des jeweiligen Leistungsträgers. Erfüllungsort und Gerichtsstand für das vorgeschriebene Mahnverfahren ist Andernach.

**Bankverbindung**  
Commerzbank AG Andernach  
(BLZ 570 400 44)  
Kto. Nr. 1 060 318

**Handelsregister**  
**Amtsgericht**  
**Andernach**  
HRB 1252

**Geschäftsführerinnen**  
Gabriele Tolle  
Edeltraud Ingenlath

TS2 (2) (800)    sapides46cv2    INS

the image appears and following dialog

Process document type

Incoming invoice w/o verification

Process    Change    Create    Cancel

push button Process

Enter Company Code

Company code 1000

✓ ✗

push Enter

Document Edit Goto Extras Settings Environment System Help

Enter vendor invoice

Tree on Hold... Simulate Park Editing options

Transactn R Invoice Bal. 0,00

Basic data Payment Details Tax Notes

Vendor 1000 Sp.G/L

Invoice date 27.05.2003

Posting date 27.05.2003

Reference

Cross-CC no.

Amount 100 EUR ☐ Calculate tax

Tax amount VN VN (16% domestic in..)

Text

Company Code 1000 IDES AG Frankfurt

Items (No entry variant selected)

St...	G/L acct	Short text	D/C	Amount in doc.curr.	Loc.curr.amount	T..	Tax jurisdictn code	Assignment no.
	113109		S De...	*	0,00	VN		
			S De...		0,00	VN		

FB60 sapides46cv2 INS

push Save button or Ctrl-S

Document Edit Goto Extras Settings Environment System Help

**Enter vendor invoice**

Tree on Hold... Simulate Park Editing options

Transactn R Invoice Bal. 0,00

Basic data Payment Details Tax Notes

Vendor 1000 Sp.G/L

Invoice date 27.05.2003

Posting date 27.05.2003

Reference

Cross-CC no.

Amount 100,00 EUR Calculate tax

Tax amount VN VN (16% domestic in..)

Text

Company Code 1000 IDES AG Frankfurt

Items (No entry variant selected)

St...	GL acct	Short text	D/C	Amount in doc.curr.	Loc.curr.amount	T..	Tax jurisdictn code	Assignment no.
	113189		S De...	100,00	0,00	VN		
			S De...		0,00	VN		

Account is not tax-relevant, tax code will be ignored

FB60 sapides46cv2 INS

Press Enter

Workplace Edit Folder Environment Settings System Help

**Business Workplace of Joe**

New message Find folder Find document Appointment calendar Distribution lists

Workplace: Joe

Inbox

- Unread documents 0
- Documents 0
- Workflow 1
- Overdue entries 0
- Deadline messages 0
- Incorrect entries 0

Outbox

- Resubmissions
- Private folders
- Shared folders
- Folders subscribed to
- Trash
- Shared trash
- Object history

Workflow 1

Ex...	Title	Status	Creation date	Creation ...	A
	Incoming invoice w/o verification		27.05.2003	23:38:09	5

Tips & tricks: Display other columns...

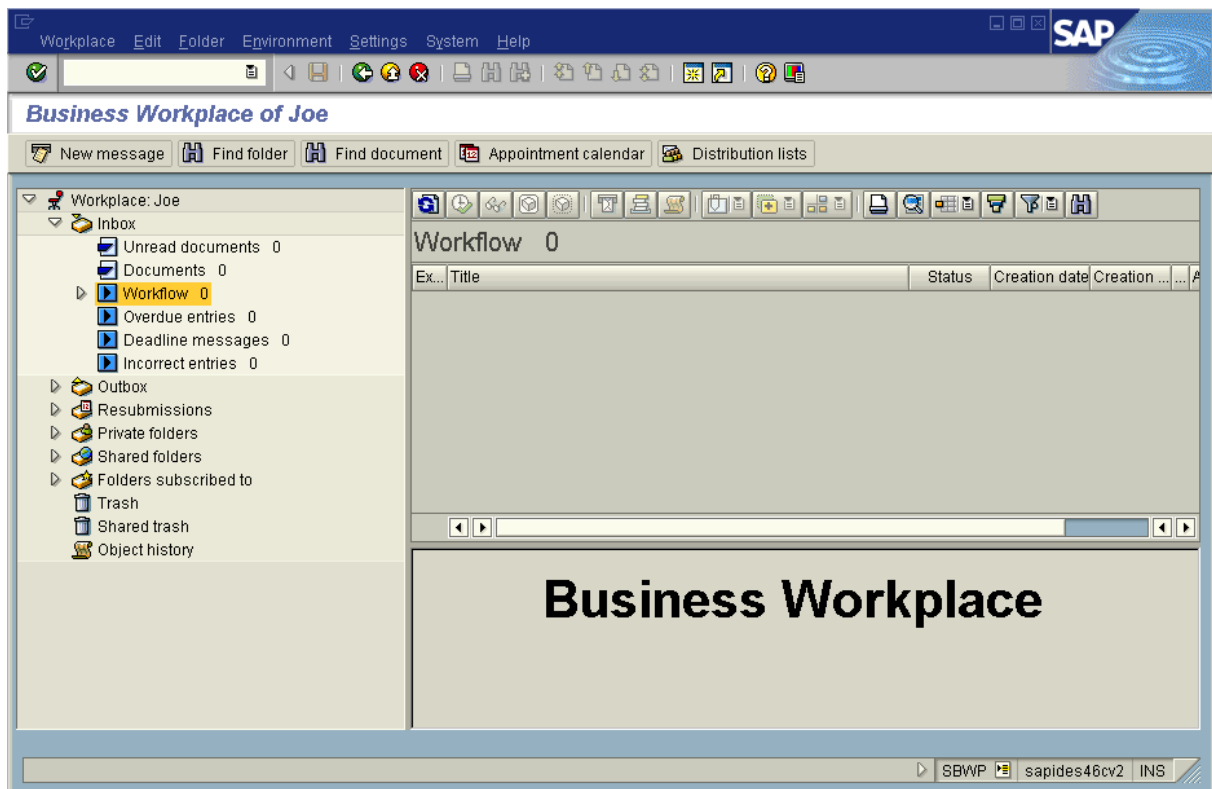
Incoming invoice w/o verification

Description Objects and attachments

Document 1900000013 was posted in company code 1000

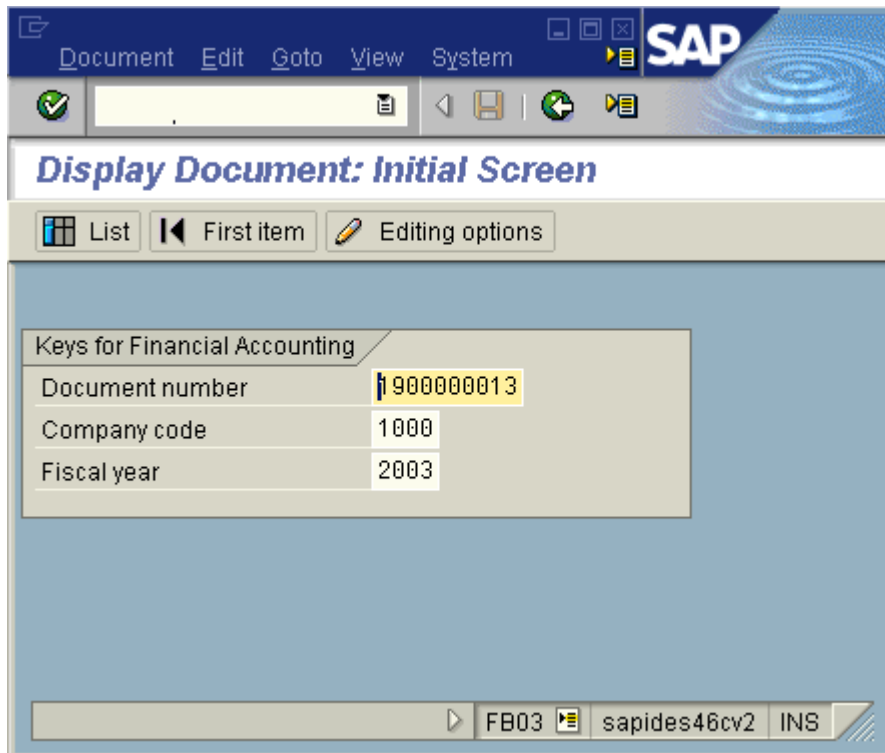
SBWP sapides46cv2 INS

push refresh button

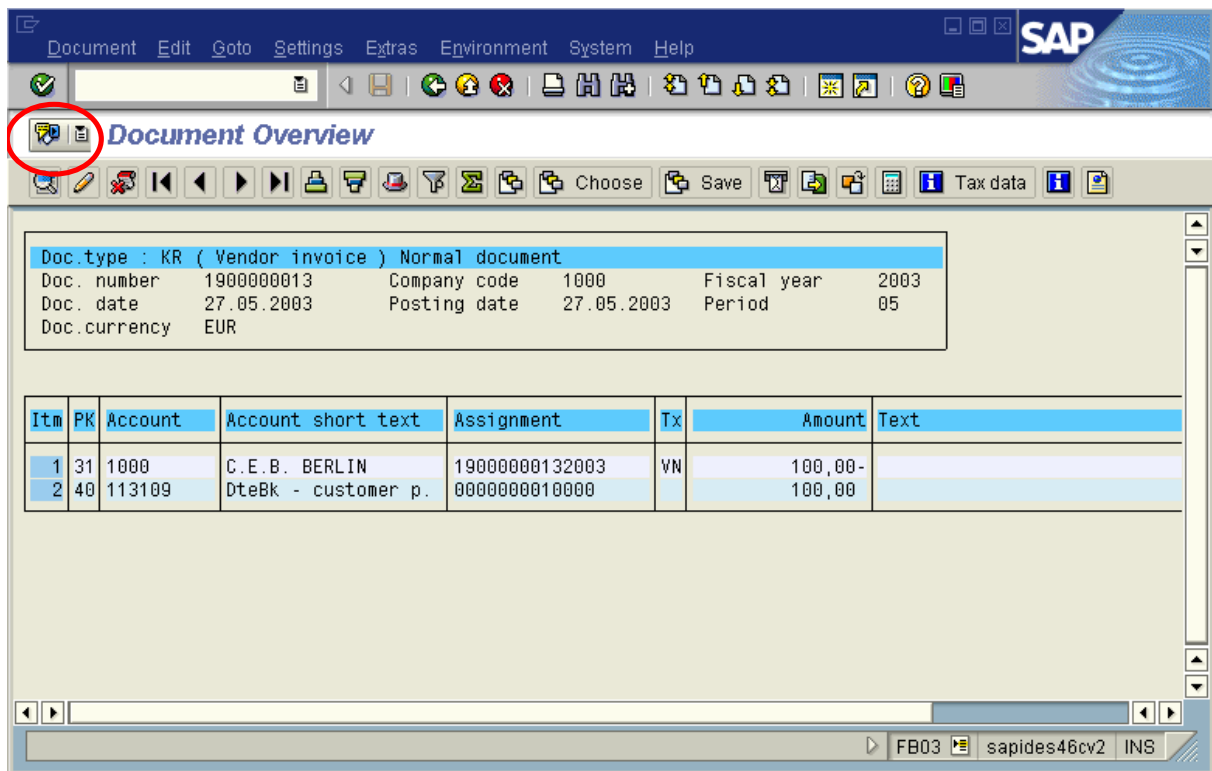


the document is linked to the new SAP business object.

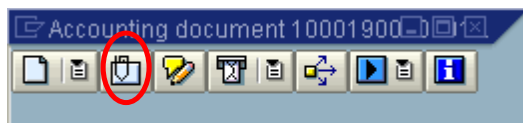
Transaction: FB03



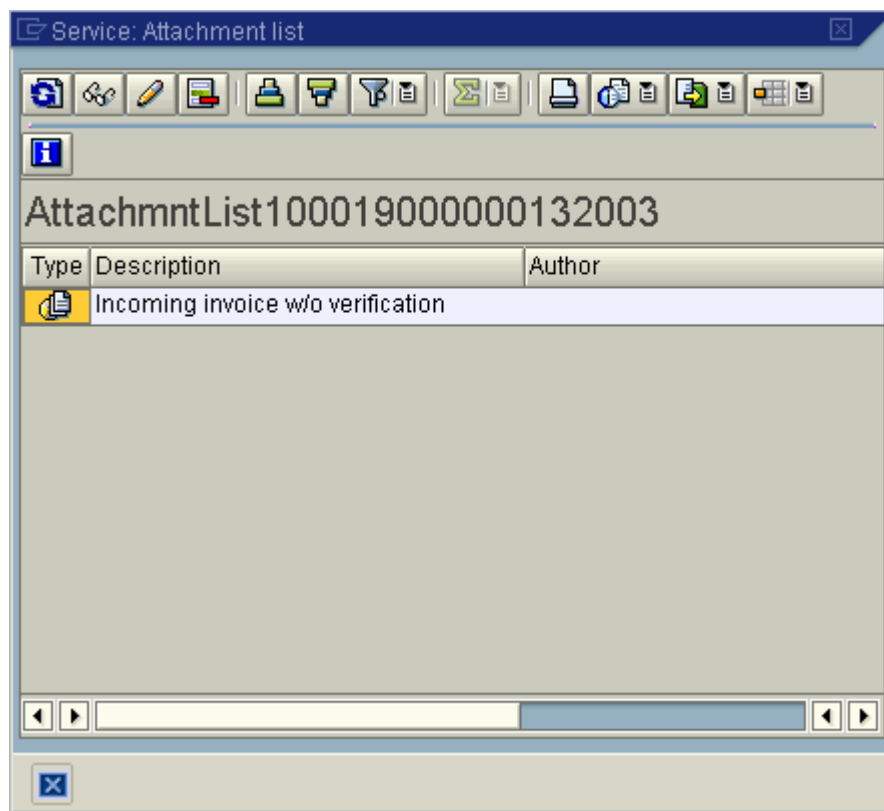
Enter



open "services for object"



open attachmentlist



open document by double click on entry

System Help
SAP

**SAP R/3**
Component: 1 / 1

**Reisebüro am Markt**  
**Lufthansa**  
**City Center**

STAR ALLIANCE

Auf'm Hügelnchen 11a  
 D-56626 Andernach

Telefon (0 26 32) 9 64 80  
 Telefax (0 26 32) 49 16 06

**RECHNUNG**

UNSERE NEUE ADRESSE: AUF'M HUEGELCHEN 11A

Reisender: GRAU/KRAUS  
 Reise-Datum: 21.02.00  
 Besteller: HERR GRAU

Auftrags-Datum: 09191 01  
 Exp.: 00338402  
 Kunden-Nr.: 001407  
 Datum: 17.02.00  
 Auszifferung: 0002

Exp.-Nr.	Leistg.-Code	Leistungsbezeichnung	Dokumenten-Nr.	Anzahl	Preis in DM	+	-	M	MwSt. enthalten in DM
0002*	9991	IT REISE			1.193,32	+		0	
0002		FUER GRAU/STEPHANMR							
0002		FRANKFURT /MADRID /FRANKFURT							
0002		FUER KRAUS/REINERM							
0002*		ZAHLBAR MIT RECHNUNGSERHALT							

Die Mehrwertsteuer wird im Namen und auf Rechnung des jeweiligen Leistungsträgers und Leistungsträgers angegeben.

Zahlbar sofort ohne Abzug. Die Rechnungslegung erfolgt im Namen und für Rechnung des jeweiligen Leistungsträgers. Erfüllungsort und Gerichtsstand für das vorgeschriebene Mahnverfahren ist Andernach.

**% MwSt. in DM**  
16 0,00+

**% MwSt. in DM**  
7 0,00+

**MwSt. DM**  
0,00+

**Gesamtbetrag DM**  
1.193,32+

M: 1 = voller MwSt.-Satz  
M: 2 = ermäßigter MwSt.-Satz

1

**Bankverbindung**  
 Commerzbank AG Andernach  
 (BLZ 570 400 44)  
 Kto. Nr. 1 060 318

**Handelsregister**  
**Amtsgericht**  
**Andernach**  
 HRB 1252

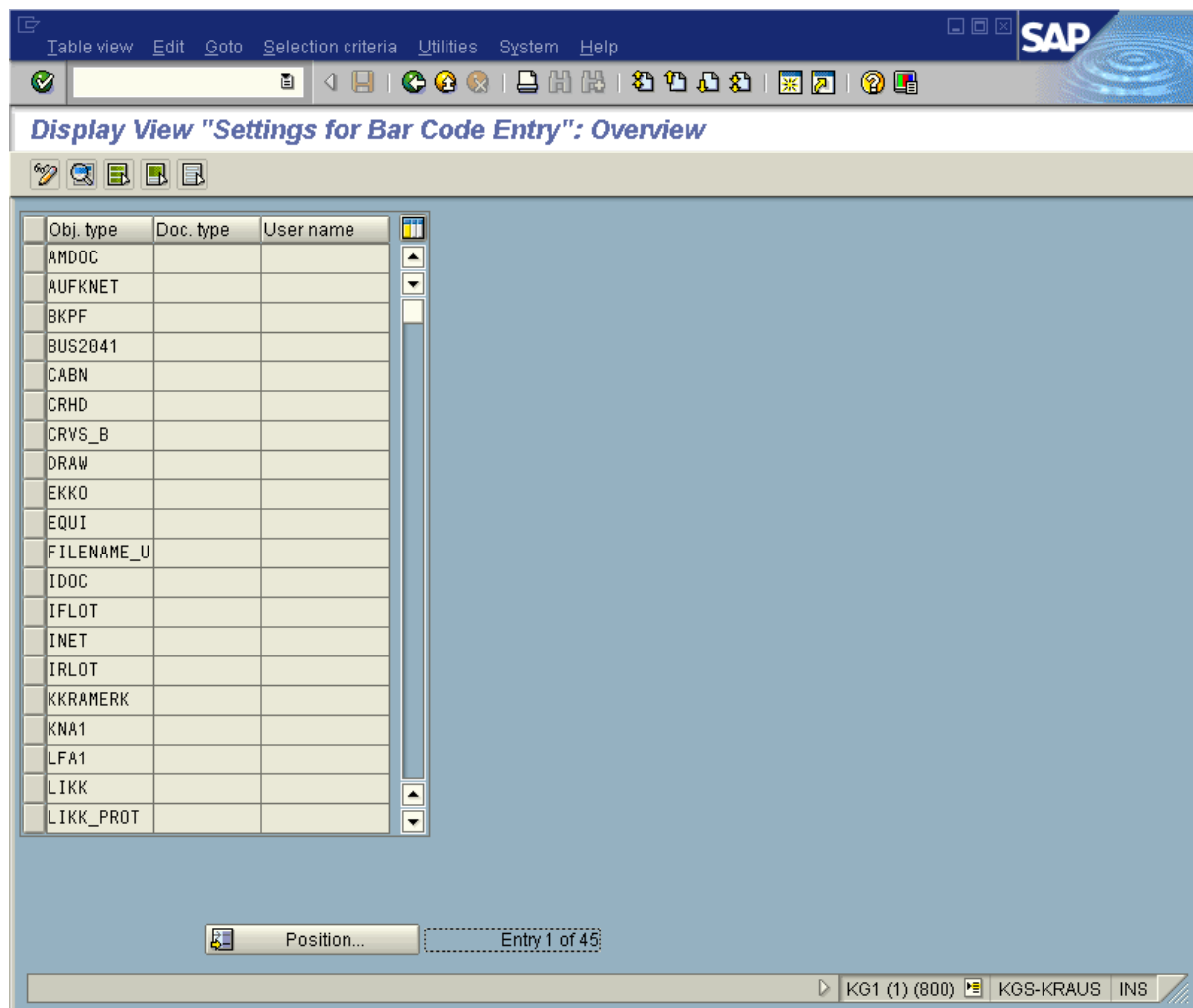
**Geschäftsführerinnen**  
 Gabriele Tolle  
 Edeltraud Ingenlath

TS2 (2) (800)
sapides46cv2
INS

## 2.5 SAP Customizing for Late Archiving with Barcode

To enable the SAP environment for the ArchiveLink scenario “Late Archiving with Barcode” please use the following customizing steps:

Transaction “OAC5”



Change to Edit mode (Ctrl+F1)

Select BKPF and fill in the following values:

The screenshot shows the SAP 'Change View "Settings for Bar Code Entry": Details' dialog box. The interface includes a menu bar (Table view, Edit, Goto, Selection criteria, Utilities, System, Help) and a toolbar with various icons. The main area contains the following fields and checkboxes:

- Object type: BKPF
- Document type: (empty)
- User: (empty)
- BCode type: CODE\_2\_5\_I
- ☒ Bar code active
- ☐ Check is active
- ☐ No cancel
- ☐ Multiple entry
- ☐ Hold R/3 entry
- ☐ Hold externally

The status bar at the bottom indicates 'KG1 (1) (800)' and 'KGS-KRAUS INS'.

## 2.6 Business Case for scenario “Late Archiving with Barcode”

Transaction FB60

Document Edit Goto Extras Settings Environment System Help

Enter vendor invoice

Tree on Hold... Simulate Park Editing options

Transactn R Invoice Bal. 0,00

Basic data Payment Details Tax Notes

Vendor 1000 Sp.G/L

Invoice date 27.05.2003

Posting date 27.05.2003

Reference

Cross-CC no.

Amount 100 EUR ☐ Calculate tax

Tax amount VN VN (16% domestic in...)

Text

Company Code 1000 IDES AG Frankfurt

Items (No entry variant selected)

St...	G/L acct	Short text	D/C	Amount in doc.curr.	Loc.curr.amount	T...	Tax jurisdictn code	Assignment no.
	113109		S De...	*	0,00 VN			
			S De...		0,00 VN			
			S De...		0,00 VN			
			S De...		0,00 VN			
			S De...		0,00 VN			

FB60 sapides46cv2 INS

press Ctrl-S or push Save button

Document Edit Goto Extras Settings Environment System Help

Enter vendor invoice

Tree on Hold... Simulate Park Editing options

Transactn R Invoice Bal. 0,00

Basic data Payment Details Tax Notes

Vendor 1000 Sp.G/L ☐

Invoice date 27.05.2003

Posting date 27.05.2003

Reference

Cross-CC no.

Amount 100 EUR ☐ Calculate tax

Tax amount VN VN (16% domestic in...)

Text

Company Code 1000 IDES AG Frankfurt

Items (No entry variant selected)

St...	G/L acct	Short text	D/C	Amount in doc.curr.	Loc.curr.amount	T..	Tax jurisdictn code	Assignment no.
	113109		S De...	100,00	0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		

Account is not tax-relevant, tax code will be ignored

FB60 sapides46cv2 INS

Press Enter

Enter bar code

Bar code 22222222

Document type FIINVOICE

Long name Incoming invoice w/o verification

☒ ☐

Press Enter

SAP

Document Edit Goto Extras Settings Environment System Help

Enter vendor invoice

Tree on Hold... Simulate Park Editing options

Transactn R Invoice Bal. 0,00

Basic data Payment Details Tax Notes

Vendor Sp.G/L

Invoice date

Posting date 27.05.2003

Reference

Cross-CC no.

Amount EUR ☐ Calculate tax

Tax amount VN VN (16% domestic in...)

Text

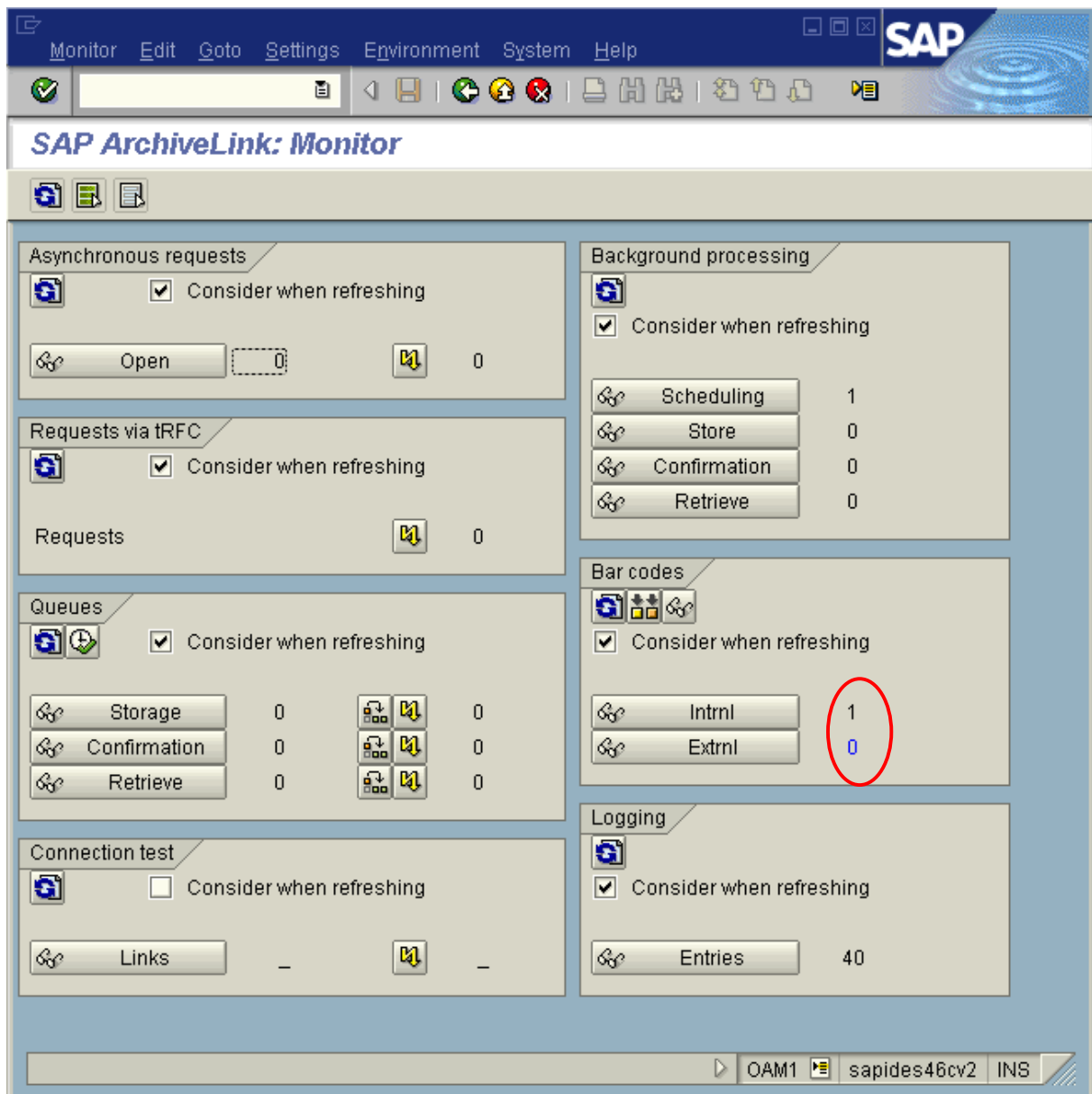
Company Code 1000 IDES AG Frankfurt

Items (No entry variant selected)

St...	G/L acct	Short text	D/C	Amount in doc.curr.	Loc.curr.amount	T..	Tax jurisdictn code	Assignment no.
			S De...		0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		
			S De...		0,00	VN		

Document 1900000012 was posted in company code 1000 FB60 sapides46cv2 INS

Transaction OAM1



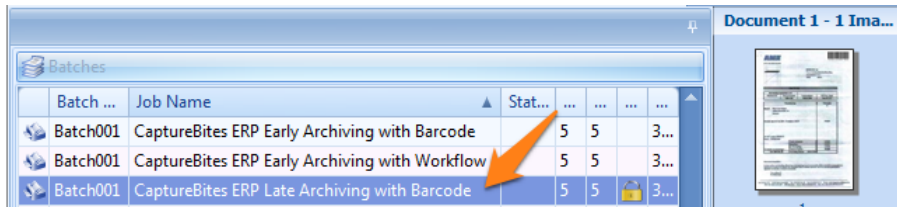
In section "Barcodes", there is 1 open internal barcode

## 2.7 Trying out the CaptureBites ERP Document Export connector with Kofax Express

Now you are ready to use Kofax Express with the CaptureBites ERP Document Export connector for Archiving and sending Barcodes.

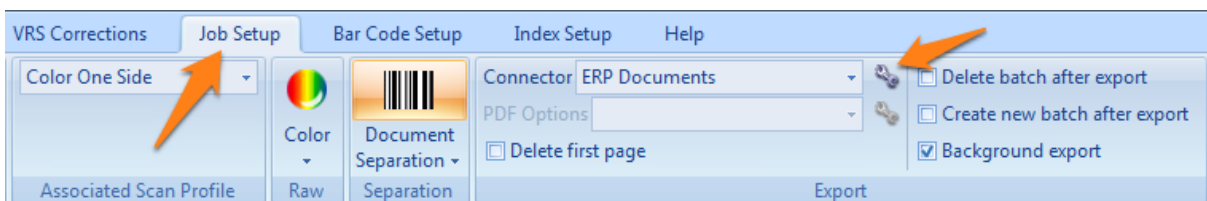
Open Kofax Express and find three jobs with a sample batch with some test images:

4. CaptureBites ERP Early Archiving with Barcode
5. CaptureBites ERP Early Archiving with Workflow
6. CaptureBites ERP Late Archiving with Barcode

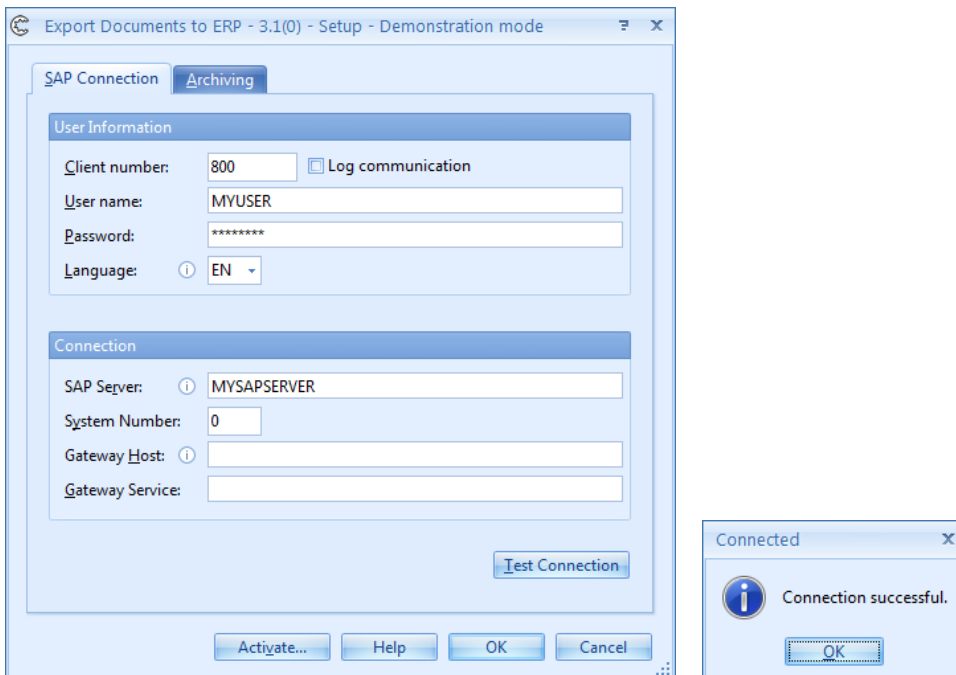


Select the ERP Late Archiving with Barcode job.

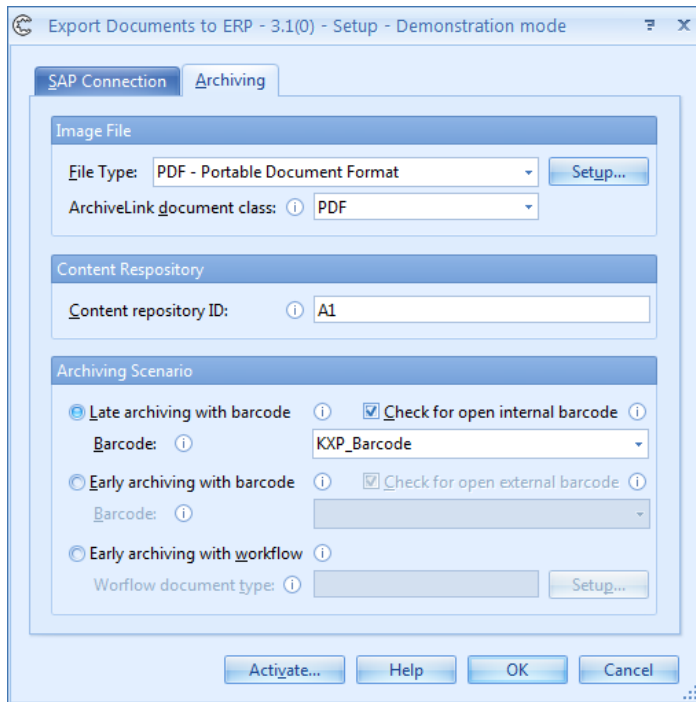
To configure the connector for your SAP system, open the Job tab and open the setup of the ERP Documents connector.



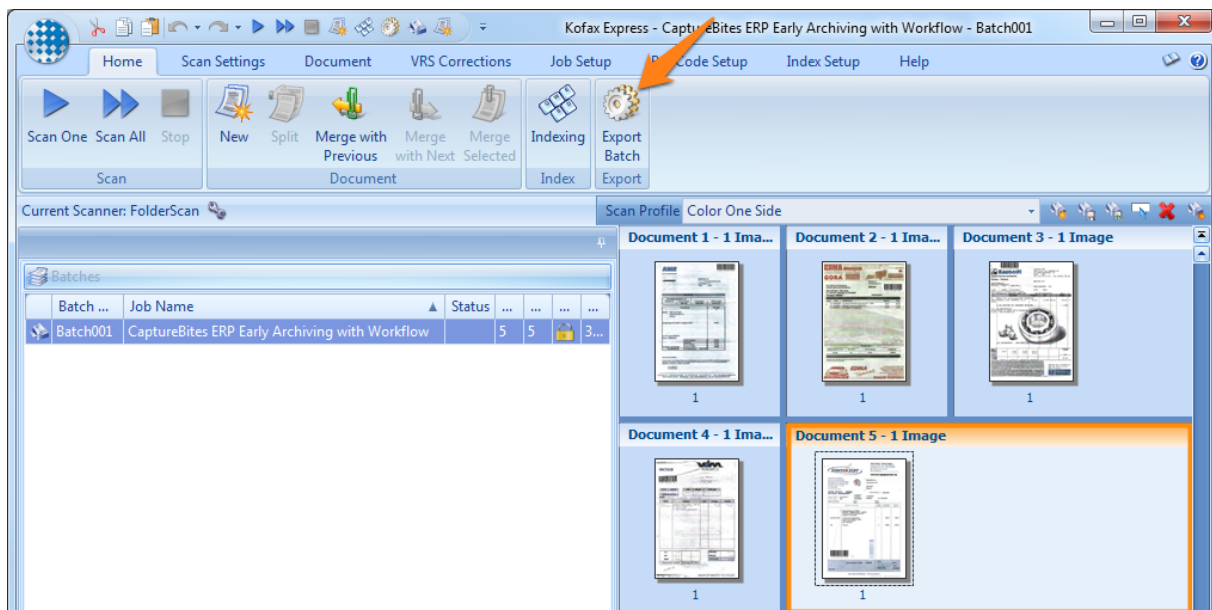
Enter the correct parameters to connect to your SAP system and test the connection by pressing **Test Connection**. If the Connection successful appears, click OK and open the Archiving tab.



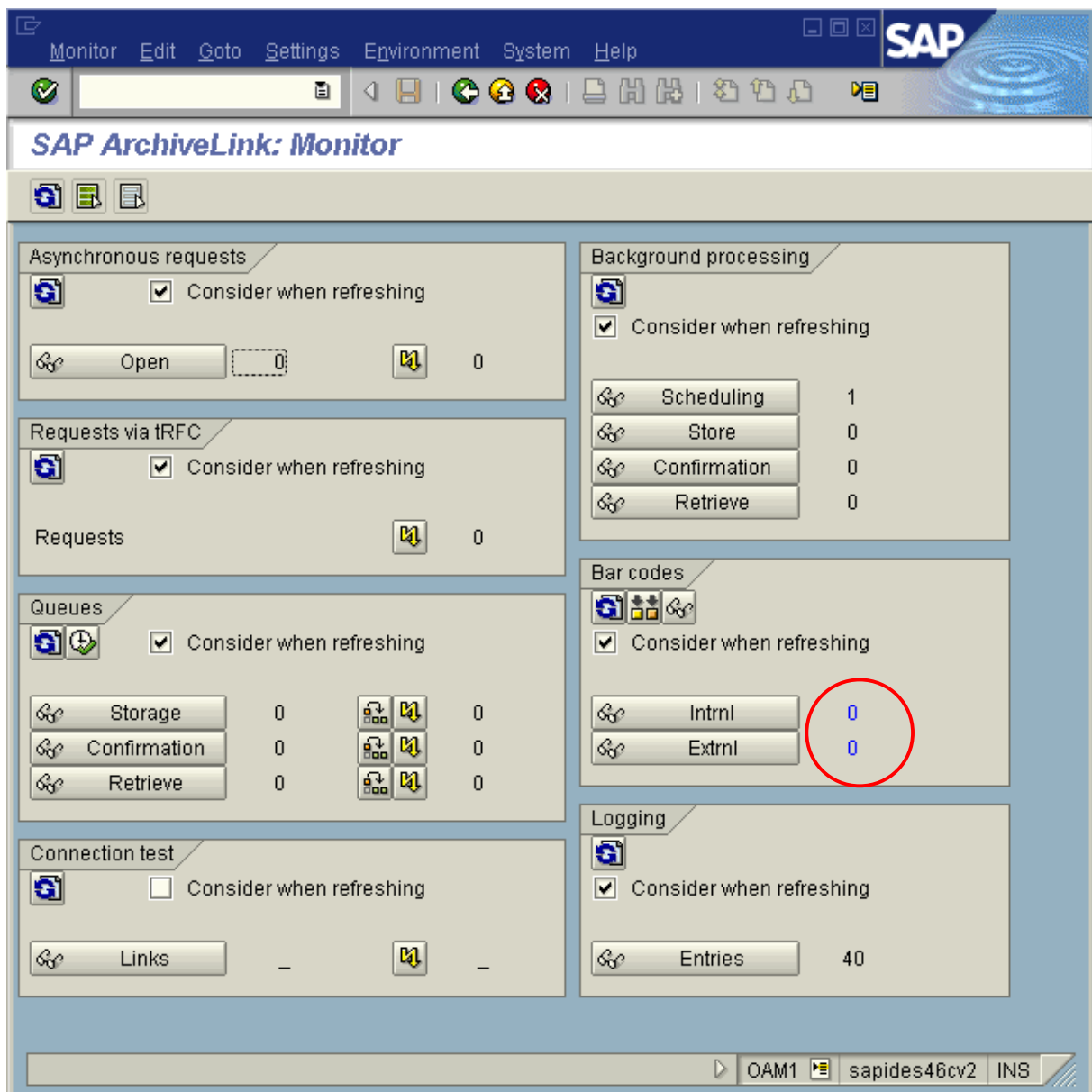
In the Archiving tab, set the correct Repository ID and and press OK.



In Kofax Express, export the batch by pressing "Export Batch" and check the result in your SAP system.

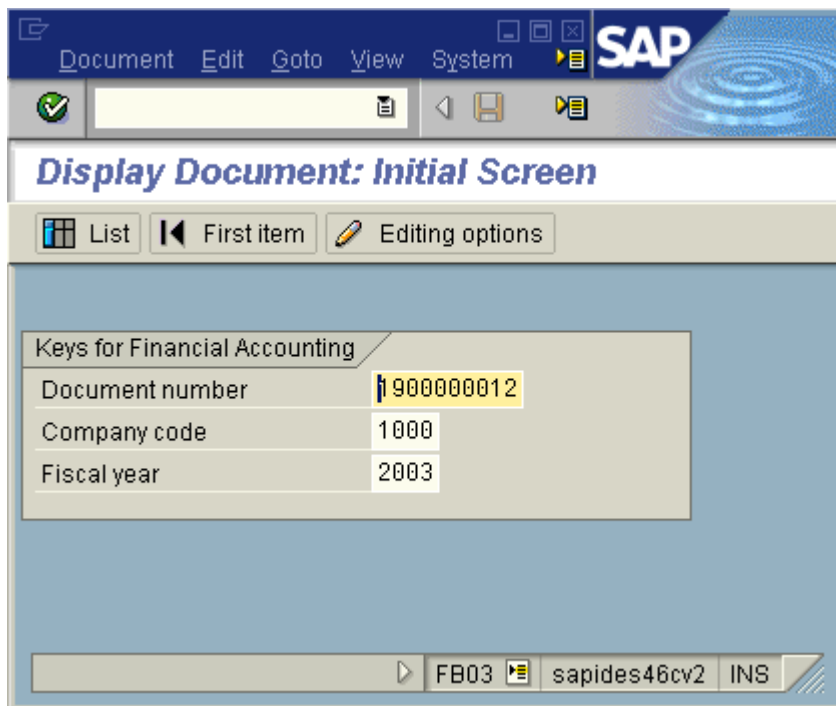


go back to transaction OAM1 and press Enter to refresh the screen

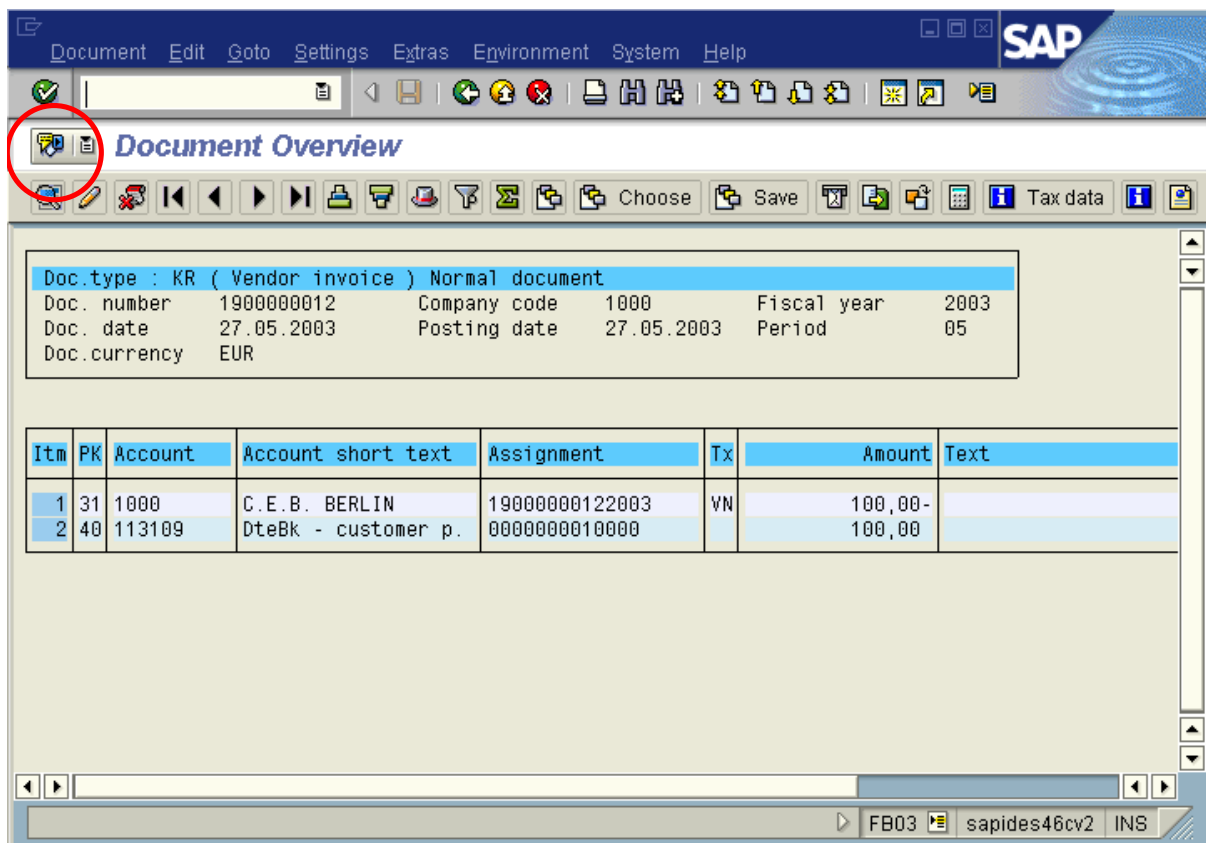


The Image is linked to the SAP business object

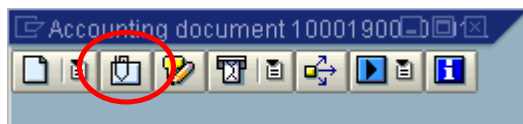
Transaction FB03



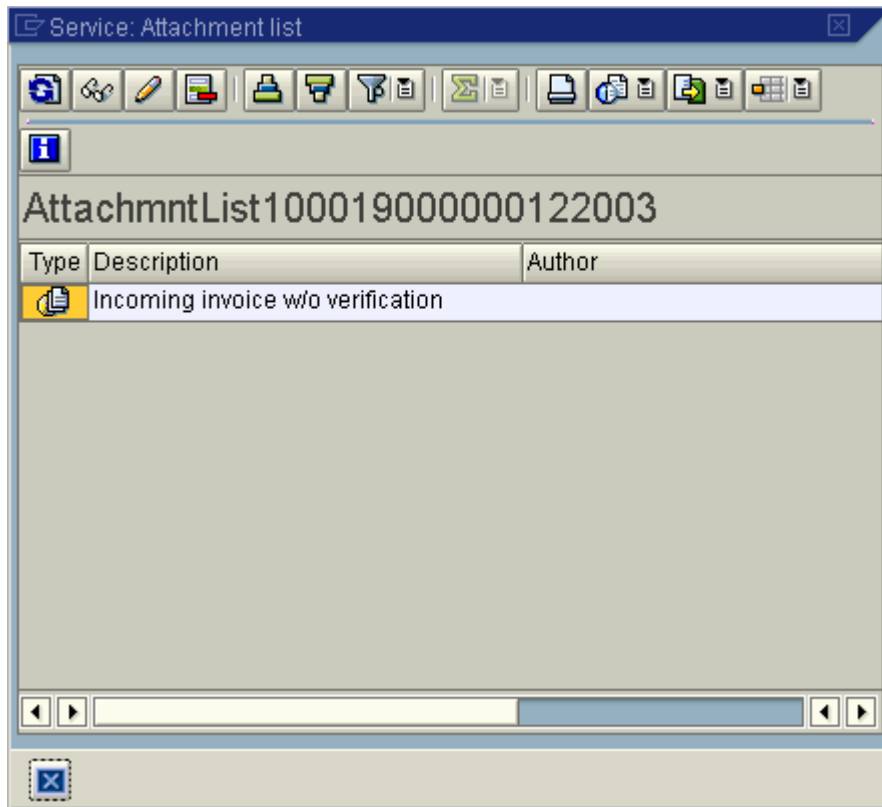
press Enter



push the button service for object



open the attachment list




double-click Incoming invoice ....

System Help

SAP

**SAP R/3**



Component: 1 / 1



100019000000122003





## Reisebüro am Markt

### Lufthansa City Center

Auf'm Hügelnchen 11a  
D-56626 Andernach

Telefon (0 26 32) 9 64 80  
Telefax (0 26 32) 49 16 06

**RECHNUNG**

UNSERE NEUE ADRESSE: AUF'M HÜGELCHEN 11A

Rechnungsgeber: Kunden-Nr. Datum

Reisender: GRAU/KRAUS

Reise-Datum: 21.02.00

Besteller: HERR GRAU

Auftrags-Datum: 09191 01 00338402

Exp. Gegenkonto: 001407

Auslieferung: 17.02.00

Exp.-Nr.	Leistungs-Code	Leistungsbezeichnung	Dokumenten-Nr.	Anzahl	Preis in DM	+	M	MwSt. enthalten in DM
0002*	9991	IT REISE			1.193,32	+	0	
0002		FUER GRAU/STEPHANMR						
0002		FRANKFURT /MADRID /FRANKFURT						
0002		FUER KRAUS/REINERMR						
0002*		ZAHLBAR MIT RECHNUNGSERHALT						

Die Mehrwertsteuer wird im Namen und auf Rechnung des jeweiligen Leistungsträgers und Leistungseigens ausgerechnet.

**% MwSt. in DM**

16 0,00+

**% MwSt. in DM**

7 0,00+

**MwSt. DM**

0,00+

**Gesamtbetrag DM**

1.193,32+

M: 1 = voller MwSt.-Satz  
M: 2 = ermäßigter MwSt.-Satz

1

Zahlbar sofort ohne Abzug. Die Rechnungslegung erfolgt im Namen und für Rechnung des jeweiligen Leistungsträgers. Erfüllungsort und Gerichtsstand für das vorgeschriebene Mahnverfahren ist Andernach.

**Bankverbindung**  
Commerzbank AG Andernach  
(BLZ 570 400 44)  
Kto. Nr. 1 060 316

**Handelsregister**  
**Amtsgericht**  
**Andernach**  
HRB 1252

**Geschäftsführerinnen**  
Gabriele Töle  
Edeltraud Ingenlath

TS2 (2) (800) sapides46cv2 INS

## **2.8 SAP Customizing for Early Archiving with Barcode**

The Early Archiving with Barcode ArchiveLink scenario is very similar to the “Late Archiving with Barcode” scenario.

The key difference is that the transaction is created after scanning and thus it is not required to have an open barcode in the internal bar code table when exporting document to SAP R/3 with Kofax Express.