

# SAP Interactive Forms by Adobe

## Améliorez l'appropriation de vos applications



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# La stratégie interfaces utilisateurs de SAP



Simplifier l'accès aux informations et aux processus pour permettre aux utilisateurs d'aller plus vite



# Situation

Les processus supportés par des formulaires peuvent être critiques



## Les formulaires « papiers »

- Générateur d'erreurs et rapidement périmés
- Ressaisie manuelle, Difficulté pour suivre l'avancement
- Générateurs de coûts (e.g. production, stockage) : €30 million par an pour un groupe international
- Déviation des processus

**Malgré la mise en œuvre d'un système, les formulaires (ou les post-it) existent.**

- La plupart des « employés » ne sont pas des utilisateurs des systèmes
- Nécessité de rendre intuitif+ l'accès au système


**Les « partenaires » (fournisseurs, ...) ne sont pas connectés aux processus**

- L'intégration des données est aléatoire et/ou très lourde.

# SAP Interactive Forms by Adobe

Repenser la portée des processus



- 
- A black and white photograph of a person's face, focusing on their eyes and nose, wearing glasses. The image is partially obscured by the text area.
- **Intégrer** les formulaires interactifs PDF dans des processus pilotés par des applications SAP
  - Permettre la saisie par formulaires, combinée au **workflow** pour déclencher des étapes
  - Générer des formulaires contenant des **données** extraites de systèmes SAP (ou non SAP)
  - **Utilisation** online ou offline
  - **Intégrer** les données du formulaires dans les systèmes SAP (ou non SAP)
  - Permettre les **impressions** (de qualité)
  - Assurer la **sécurité** (et la confidentialité)
  - Fournir aux **utilisateurs** « occasionnels » un outil qu'ils utilisent !
  - Universalité du « **pdf** »

# Formulaires interactifs – Ce que voit l'utilisateur



L'image d'un „vrai”  
formulaire

- Auto explicatif
- Appropriation naturelle

Utilisations

- Sauvegarde locale
- Distribution via mail / portail
- Signature électronique
- Impression locale

Adobe Reader - [Inventory Requisition.pdf]

File Edit View Document Tools Window Help

You cannot save data typed into this form.  
Please print your completed form if you would like a copy for your records.

Print Form Highlight fields

GlobalCorp  
development & engineering

Current Date 05.08.2005

Req. Number 53503

Inventory Requisition

Ordered By

Cust. Number: 123456  
Name: Advanced Components  
Address: 125 New Haven Ave.  
City, State: Chicago, IL  
ZIP: 50622  
c/o: Mr. Kal Varsen  
E-mail: kvarsen@AdvComp.com

Ship To

Name:  
Address:  
City, State:  
ZIP:  
c/o:  
E-mail:

Part No.	Description	Quantity	In Stock	Unit Price	Amount
X			?		

Terms and Conditions

☐ Cash  
☐ Credit

Total

☐ State Tax @ 0.00% €0,00  
☐ Federal Tax @ 0.00% €0,00  
☐ Shipping Charge  
Grand Total €0,00

Add Comments

Authorized By

GlobalCorp \* 123, Any Ave \* Any Town \* Any Country \* Phone 111.222.3333 Fax: 111.222.4444 \* www.GlobalCorp.com

Any reference to company names and company logos in the sample forms included in this software is for demonstration purposes only and is not intended to refer to any actual organization.

1 of 2

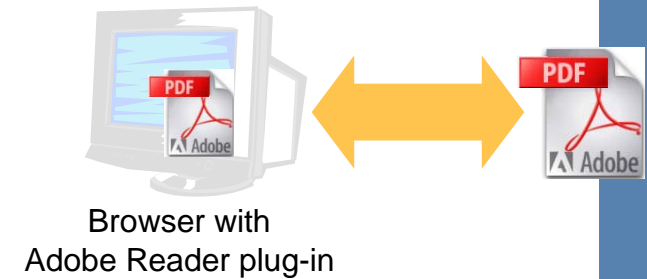
Services d'arrière plan

- Données XML
- Valeurs pré-remplies
- Listes déroulantes pré-remplies, Valeurs d'aide, ...

- Extraction et intégration des données automatique

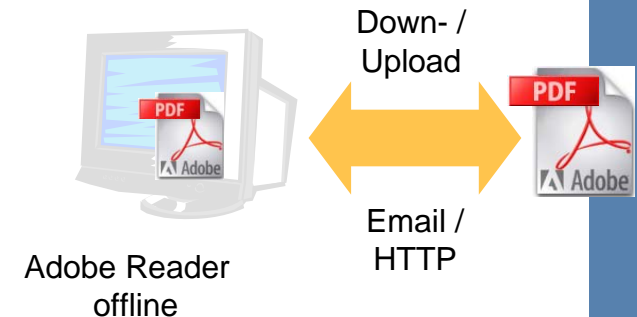
## Online Interactive Form

- Connecté à un système SAP (Portal)
- Intégration complète dans les Web Dynpro
- Contrôles en ligne, aide contextuelle



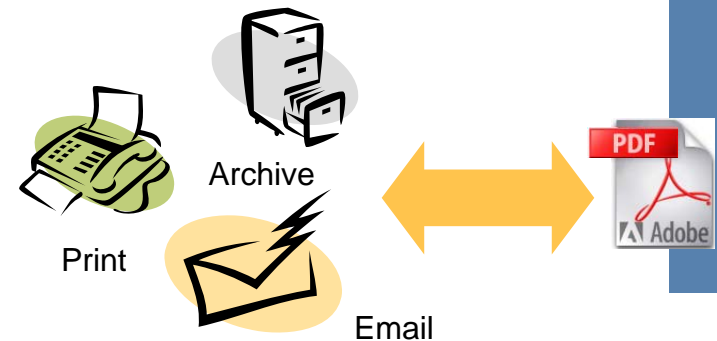
## Offline Interactive Form

- Pas de connexion à un système SAP nécessaire
- Aide par valeur, contrôle local, arithmétique élémentaire
- PDF riche (données XML, présentation, JScript)



## Form Processing Scenario

- Pour générer des documents d'impression, d'archivage





# Quelques exemples de formulaires livrés



SAP Enterprise Portal 6.0 - Microsoft Internet Explorer provided by SAP IT

File Edit View Favorites Tools Help  
Back Forward Stop Home Search Favorites Media  
Address http://us4082.wdf.sap.corp:50000/irj/portal

Welcome Test MSS  
My Staff My Budget Employee Self-Service  
Overview Attendance Personnel Change Request

Personnel Change Request  
New Personnel Change Request  
1 Select Employee 2 Select For  
My sent PCR's

Change Employee Group  
Effective Date  
All Change Request data is dependent on the effective date. It is important to carefully pick the date derived from this date.  
Effective Date  
Update Request Effective Date  
General Employee Information  
Employee  
Organizational Assignment  
Employee Group and Subgroup  
Please select new Employee Group  
Employee Group  
Employee Subgroup  
8.27 x 11.69 in  
Previous Step To Review Form

Done

Lead Processing via Interactive Forms

## DISTRIBUTED LEAD

For more information see section

### MAIN INFORMATION

Transaction  
Transaction No. 2409  
Description LDIPO AK Dispatching  
Start Date 09.06.2005 End Date  
Qualification Level  
Manual Hot  
Sales Prospect  
Firma  
Prospect  
Teststr. 1  
D-69115 HEIDELBERG  
Phone  
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E-Mail  
Classification  
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181818 Maryland Unemployment  
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200500750  
200500760  
200500770  
200500780  
200500790  
200500800  
200500810  
200500820  
200500830  
200500840  
200500850  
200500860  
200500870  
200500880  
200500890  
200500900  
200500910  
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200500930  
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200500960  
200500970  
200500980  
200500990  
200501000  
200501010  
200501020  
200501030  
200501040  
200501050  
200501060  
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200501100  
200501110  
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200501190  
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200501210  
200501220  
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200501240  
200501250  
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200501270  
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200501300  
200501310  
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200501840  
200501850  
200501860  
200501870  
200501880  
200501890

# L'utilisation d'un formulaire interactif



**Distributed Lead - Message (HTML)**

File Edit View Insert Format Tools Actions Help

From: workflow@sap.com Sent: Fr 01.07.2005 12:07  
To: Strauch, Oliver  
Cc:  
Subject: Distributed Lead  
Attachments: Lead.pdf (437 KB); Survey\_one.html (25 KB)

**Lead Processing via Interactive Forms**

**DISTRIBUTED LEAD**

Hello Channel Partner,

The following lead has been distributed to you:

**Transaction No:** 2409  
**Description:** Hardware for new store

**Start Date:** 09.06.2005  
**End Date:** 30.06.2005  
**Expiry Date:** 07.07.2005

**Qualification Level:** Hot

**Sales Prospect:** Media Store  
Teststr. 1  
D-69115 HEIDELBERG

**Contact Partner:** Mr. Peter Mueller  
+49 / 6221 / 12345678

Please follow up the lead accordingly. You can find more details in the attached Interactive Form/PDF document. Please also refer to the attached questionnaires, if available.

Thank you very much,

Your Brand Owner

notification par e-mail

Formulaire joint

Lead Processing via Interactive Forms

## NOTES

### Description

Description  
Line2

### Note

Note  
Line2

### Evaluation Result

Status

### Partner Note

Submit

Transaction No. 2409

Page 2/4



# Exemple : Manager et Employé Self-Service



## Front Office Workflow

## Enterprise System

Employé

Adobe Acrobat



- Télécharge et complète le formulaire

Portail employé



Manager

SAP Interactive Forms by Adobe



- Approbation
- Routage vers la compatibilité

Compatibilité



- Approbation
- Remboursement
- Envoi des données XML vers le système FI

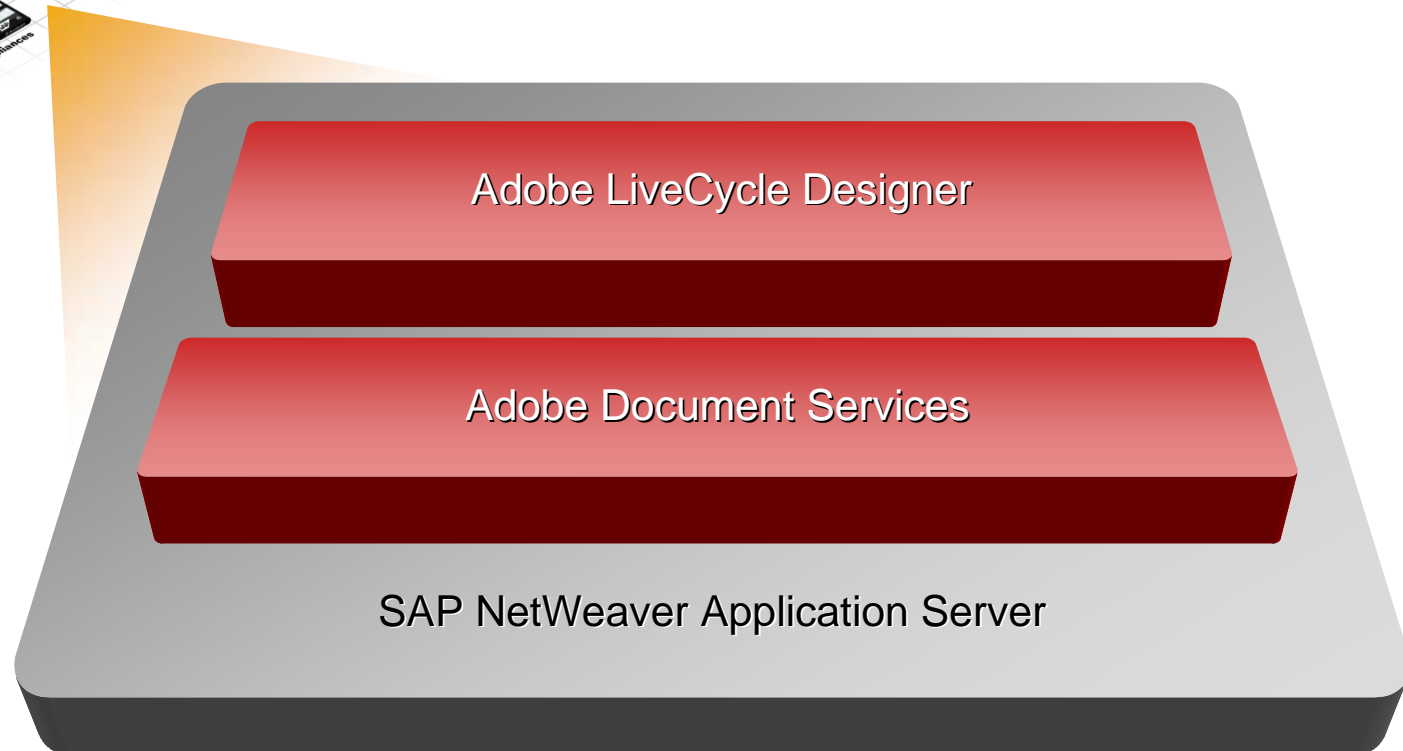
SAP Interactive Forms by Adobe



XML



# Complètement intégré à SAP NetWeaver



# Outil de développement intégré

## Java / ABAP



**Web Dynpro - InteractiveForm1 - SAP NetWeaver Developer Studio**

File Edit Navigate Search Project Run Window Help

Web Dynpro Explorer

- MMTest
- TutWD\_DynamicForm
- TutWD\_DynamicForm\_Init
- TutWD\_EmailInteractiveForm
- TutWD\_EmailInteractiveForm\_Init
- TutWD\_OnlineInteractiveForm
- Web Dynpro
  - Applications
    - OnlineInteractiveFormApp
  - Models
    - Web Dynpro Component Interfaces
    - Web Dynpro Components
      - OnlineInteractiveFormComp
        - Component Controller
        - Component Interface
        - Custom Controllers
        - Message Pool
        - Used Models
        - Used Web Dynpro Components
    - Views
    - Windows
  - Dictionaries
    - src
      - TutWD\_OnlineInteractiveForm\_Init
      - TutWD\_PdfObject
      - TutWD\_PdfObject\_Init
      - TutWD\_UploadDownloadInteractiveForm
      - TutWD\_UploadDownloadInteractiveForm\_Init

OnlineInteractiveFormView

Edit View Insert Layout Tools Palettes Help

Show: \*click

Run At: Client

```
DataSource.subform.submitToSAP1::click - (JavaScript, ...)
```

app.eval("event.target.SAPSubmit();");

For Help, press F1

Line: 3 Col: 39

Hierarchy Data View

- DataSource
  - @SapTravelRequestUrl
  - PersonalData
    - @Name
    - @Department
    - @CostCenter
  - TravelData
    - @DepartureDate
    - @ArrivalDate
    - @TravelCausedBy
    - @TravelBy
      - @DestinationCountry
      - @DestinationCity
      - @IsHotelNeeded

Body Pages Master Pages XML Source PDF Preview

Library

- Standard
- des
- om
- Dynpro
- builder
- intro

- Static Text
- Numeric Field
- Check Box
- Drop-down List
- Button
- Image Field
- Line
- Circle
- Text Field
- Password Field
- Radio Button
- List Box
- Date/Time Field
- Static Image
- Rectangle
- Signature Field

Layout Border Object

Size & Position

X: 6in Y: 6,25in

Width: 1,181in Height: 0,236in

Expand to fit

Anchor: Top-left

Margins

Left: 0in Top: 0in

Right: 0in Bottom: 0in

Caption

Position: Reserve

Font Paragraph

Deploy Output View

Tasks Properties DTR Console J2EE Engine Deploy Output View

**Import Forms**

**Drag & Drop Integration**

**Design / Extend**

## Certification du document et signature serveur

- Assure le récepteur de l'identité de l'émetteur.


## Validation des documents certifiés sur le serveur

- Assure que le modèle de document entrant n'a pas été modifié.

## Validation des signatures électroniques sur le serveur

- Valide l'identité de la personne qui signe le document

## Permissions sur documents (ex.impression non autorisée)

2. I REJECT THESE COVERAGES ENTIRELY.		
I UNDERSTAND THAT THE COVERAGE SELECTION AND LIMIT CHOICES INDICATED WILL APPLY TO ALL FUTURE RENEWALS, CONTINUATIONS AND CHANGES UNLESS I NOTIFY YOU OTHERWISE IN WRITING.		
APPLICANT'S SIGNATURE	 Kel Varsen <small>Digitally signed by Kel Varsen DN: CN = Kel Varsen, C = US, L = San Jose, S = CA, O = Sample Organization Date: 2004.10.22 12:21:23 +0200</small>	DATE Friday, October 22, 2004
<a href="#">Clear Form...</a>		<a href="#">Submit...</a>

## Principales fonctionnalités

- 1 Intégration de formulaires interactifs dans les processus gérés par toutes les solutions SAP
- 2 Un moyen élégant d'équiper les utilisateurs (employés, externes) pour assurer le fonctionnement des processus
- 3 Génération automatique de formulaires pré-remplis avec des données extraites des systèmes SAP
- 4 Formulaires statiques et dynamiques
- 5 Fonctionnement connecté ou non connecté
- 6 Intégration automatique des données saisies
- 7 Impression / sauvegarde locales

# quelques clients SAP Interactive Forms by Adobe



**CLAAS**



**Intelligence**



**PHILIPS**

gasurthe



**DAAD**



Ministerie van Verkeer en Waterstaat



Bundesamt für Bauten und Logistik BBL

Pierre Fabre



IMEC

UNIVERSITEIT VAN AMSTERDAM





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