

CD111

# SAP Interactive Forms by Adobe – Today and Tomorrow

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# Agenda

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## Quick Recap

- Overview of SAP Interactive Forms by Adobe
- Important guarantees

## Mobile Forms

- Forms on mobile devices + Demo

## The ADS in the Cloud

- Forms and the SAP HANA Cloud Platform

## Continuous Evolution

- P7, P8 and P9

## Summary and Roadmap



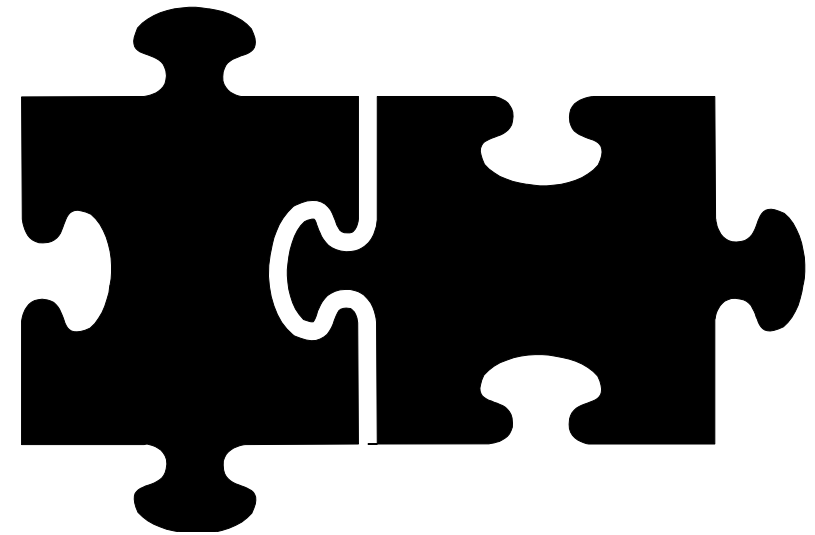
# Quick Recap

## IFbA: Key Features (1 of 4)

**You can work with forms offline**



**Integration with SAP technology  
and business processes**



# IFbA: Key Features (2 of 4)

Fields can be prefilled with data

Forms support bar codes



# IFbA: Key Features (3 of 4)

## Digital signatures

P8 Release Approvals

SAP

*Wolfgang Weiss*  
Wolfgang Weiss

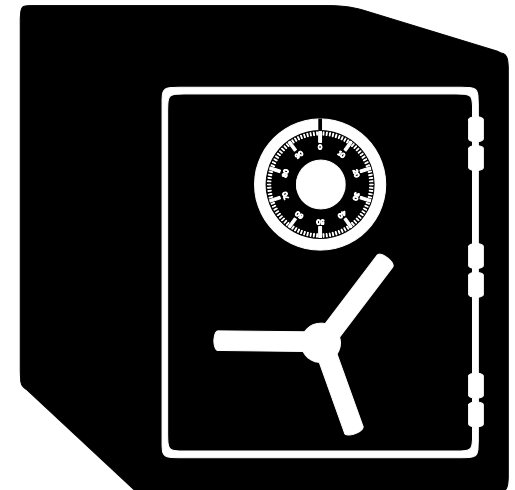
Adobe

David Welch

Digitally signed by David Welch  
DN: cn=David Welch, o=Adobe Systems  
Inc, ou=Business Productivity BU,  
email=dwelch@adobe.com, c=US  
Date: 2012.06.06 17:12:27 -07'00'

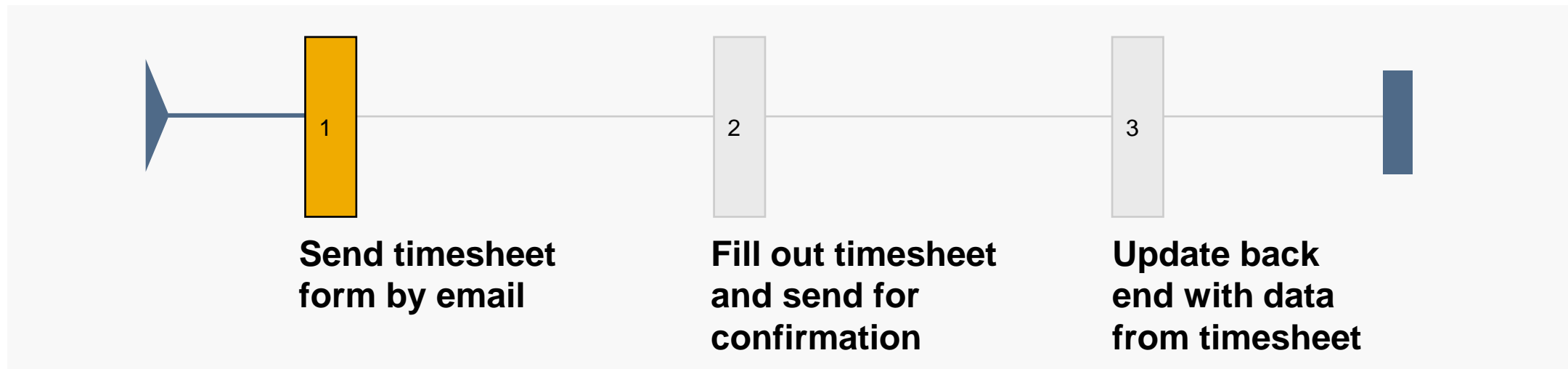
Dave Welch

## You can save/archive forms



# IFbA: Key Features (4 of 4)

## Supports SAP workflow solutions





## IFbA: Key Benefits (1 of 3)

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**Perfect interface between casual worker and SAP**



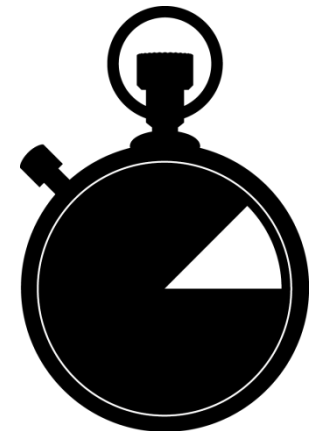
## IFbA: Key Benefits (2 of 3)

**Adobe Reader is ubiquitous and free-of-charge**



**Lower TCO: Printing, archiving etc**

**Less manual data entry -> fewer errors  
saves time (and money)**



# IFbA: Key Benefits (3 of 3)

## Sustainability



# SAP Interactive Forms by Adobe: Interactive Scenarios

PDF

HTML

Online

SAP system access is available  
Context-sensitive value help & online checks based on business logic



Forms on tablets  
HTML also for interactive forms  
Same XFA template for PDF and HTML



Offline

No SAP system access available  
Static value help/ user input validation, arithmetic calculations  
Self-contained portable PDF

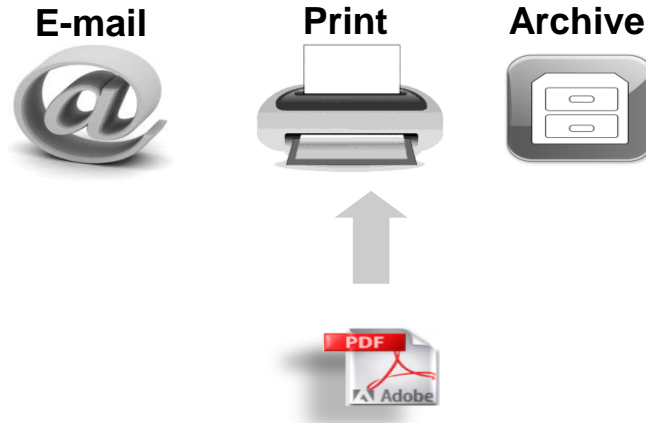


Forms on tablets  
HTML also for interactive forms  
Same XFA template for PDF and HTML



# SAP Interactive Forms by Adobe: Printing Scenario

- IFbA fully integrated with SAP Printing
- LiveCycle Designer: State-of-the-art design time for creating forms
- Create documents in PDF, PCL, PS, ZPL and other formats (1672781)

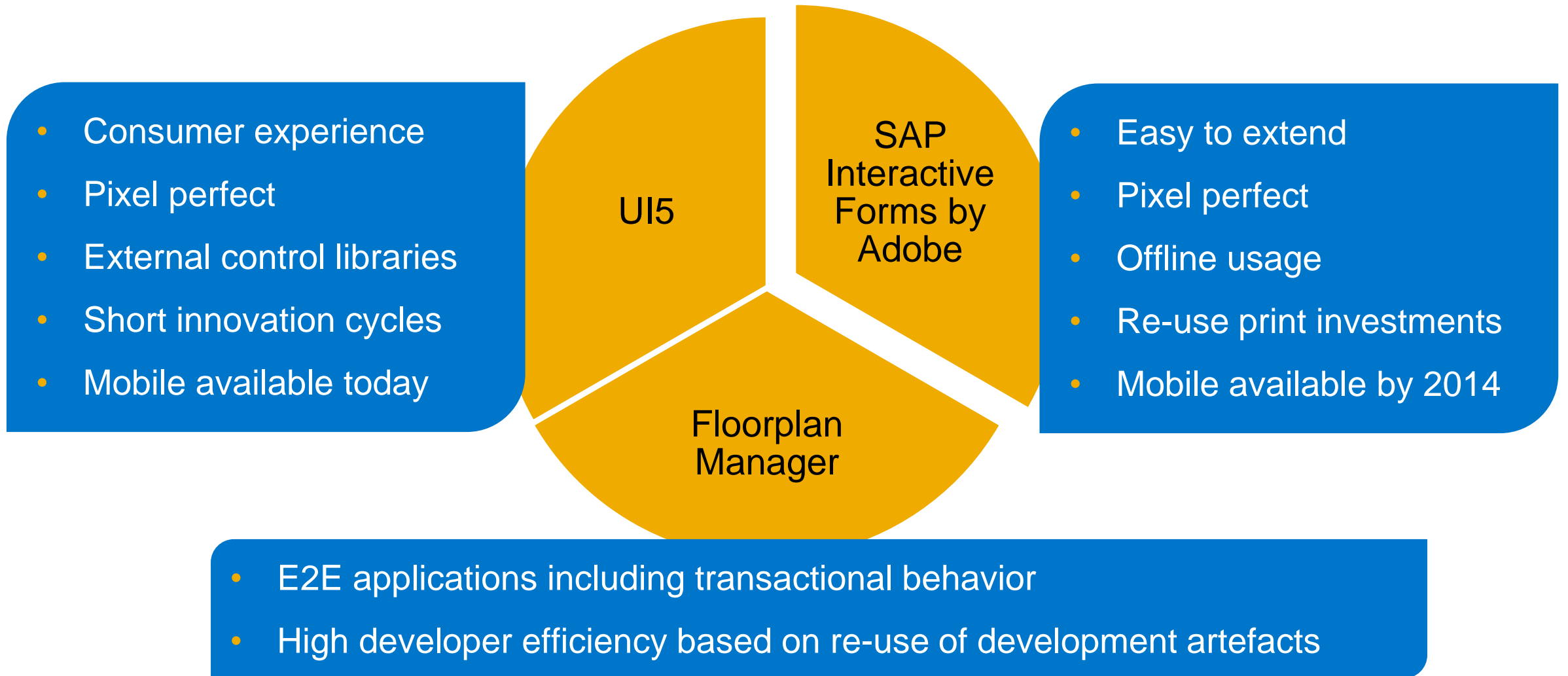


- Classic form processing, not interactive
- Output documents are printed, e-mailed, archived or faxed

- Tray control with IFbA (1729666)
- Parallelization for high-volume printing
- PDF/A
- Bar code printing out-of-the-box
- Co-operation with key partners in printing ecosystem
  - LRS: Printing middleware to reduce operational wor
  - OpenText: Document presentment

# IFbA & SAPUI5 & Floorplan Manager

“When to use what?”



# SAP Interactive Forms by Adobe (IFbA)

## SAP's Forms Strategy

- IFbA is the go-to forms solution for new forms projects, both for print forms and interactive forms – over 2400 forms in the Business Suite
- Print forms are free-of-charge. New interactive forms/non-cosmetic changes to existing forms incur a charge.
- SAP & Adobe support IFbA in parallel with the Business Suite until December 2020.
- SAPscript and Smart Forms, legacy products, supported until 2020, protecting existing customer investments.
- We work with partners to fill white spaces
  - Mass printing (OpenText)
  - Printing middleware (LRS)
  - Mobile forms until available with IFbA (Arch)

SCQ\_0005003093\_20080930.pdf - Adobe Reader

Please fill out the following form. You can save data typed into this form. Highlight Fields

### Quotation for Contract Renewal

Your Service Contract is about to expire.  
If you agree with our offer please press the ACCEPT button!

Our offer: Offer ID  Service Contract Quote

The renewal period is: Renewal Start  to Renewal End  CET

The offer is valid from:  to  CET

The parties involved are:

PartyID	Name	Function	Address
3273	ALPHA Center	Sold-To Party	1621 Sumter Avenue North / MINNEAPOLIS MN 55427
415579	Mr. Torsten Vorfelder	Contact Person	3465 Deer Creek Rd / Palo Alto CA 94306
400977	Bernhard Teitscher	Employee Responsible	Dietmar-Hopp-Allee 16 / D-69190 Walldorf

Renewed products are:

Item No	Product ID	Product Description	Quantity	Unit	Net Value	Currency
100	SER_SLA_5X10	Standard 5x10	1		240,00 €	USD
200	SER_SLA_6X12	Prestige 6x12	1		300,00 €	USD



# Mobile Forms

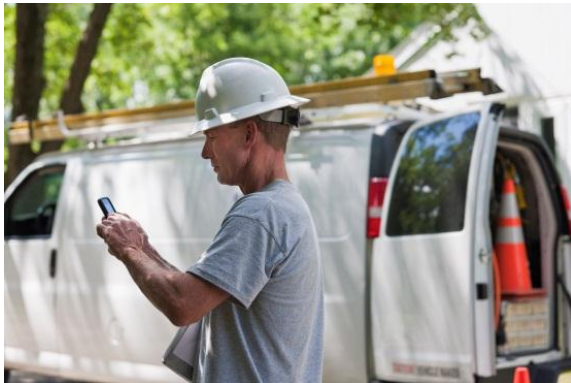


# Extending the Reach of SAP Interactive Forms by Adobe

**Form filling and data capture are not limited to laptops and PCs.**

**Adoption of tablets, a mobile workforce and occasionally disconnected devices drive user expectations.**

**Intuitive form experiences across devices required.**





# Demo

Mobile Forms



# Mobile Forms Scenario

## Healthcare – New Patient Registration

**After finding a suitable doctor/hospital the patient needs to register as a new patient.**

**The patient accesses a Web site that hosts several forms that she fills out using her tablet.**

**After filling out the forms she then submits them.**

**A printout is ready to be signed after her insurance card has been checked.**

**She receives PDF/A via e-mail for her records.**

AT&T 12:03 PM 54%

.adobe.com:8080/lc/content/x/ Search

LC Forms

Please fill out the following form. Highlight Existing Fields

Date Sep 4, 2013 Patient Registration Patient #

**Patient Information**

Social Security # 123 Address 1234 Hope Drive

First Jane Middle Last Name City State ZIP

Date of Birth Sep 4, 1974 Sex  Female  Male

Marital Status  Single  Married  Divorced  Widowed

Employed  Retired  Full Time Student

Employer

**Insurance Information**

PLEASE PROVIDE YOUR INSURANCE

Commercial  Medicaid  Medicare  Worker's Comp

Insurance Company

Card Holder's Name

Policy # Group #

AL - Alabama  
AK - Alaska  
AZ - Arizona  
AR - Arkansas  
CA - California  
CO - Colorado  
CT - Connecticut  
DE - Delaware  
FL - Florida  
GA - Georgia

More Information likely to be collected here...

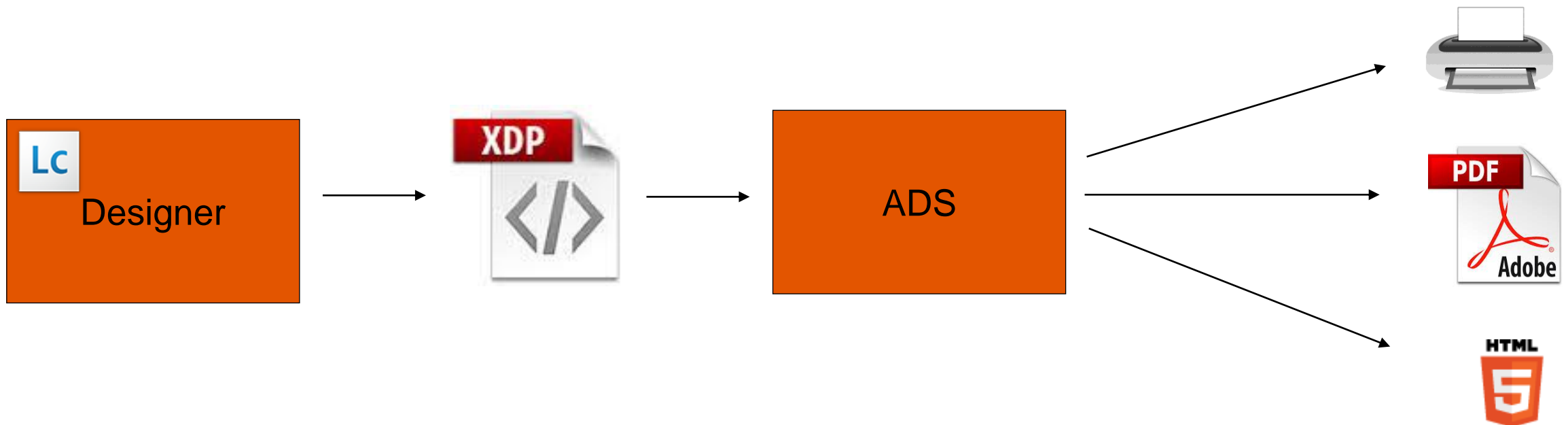
**Signatures (Patient or Parent if Minor)**

AUTHORIZATION TO PAY BENEFITS TO PHYSICIAN: I hereby authorize payment directly to the Physician of the  
Specialty Medical Benefits. If any alternate payment is made for these services, as described in Section 1.0, Signature Field

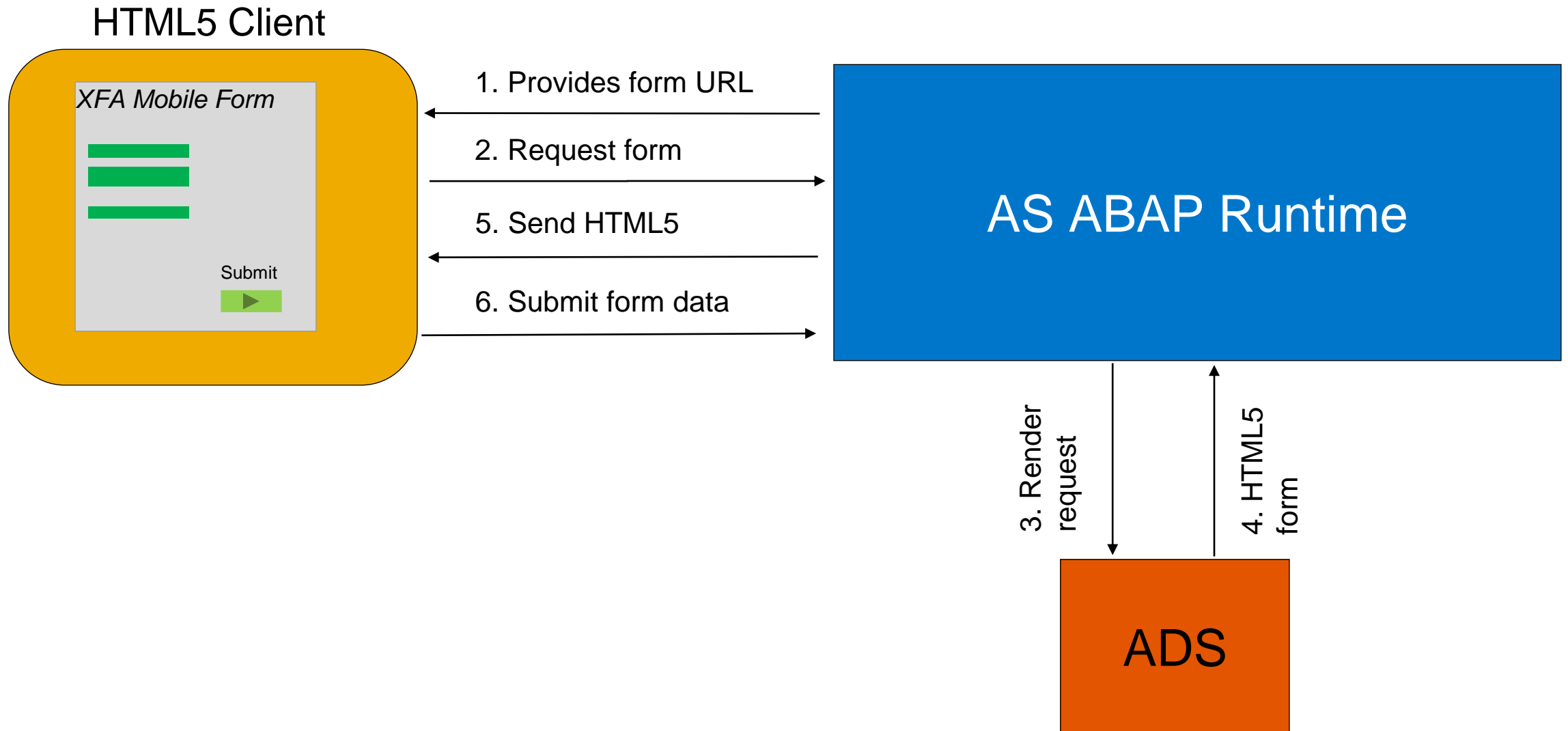
# Adding HTML5 as Output Format

Same development methodology, tools and form template

New output format: HTML5 rendering of XFA Forms (XDPs)



# HTML Forms Provisioning



# The Impact of Mobile Forms

## Availability:

- Devices: Access your forms on your tablet
- Types of users: Enter data when you are on the move
- Landscapes: Host mobile forms on-premise or in the cloud



## Continuity/Leverage previous investments:

- Create the form using LiveCycle Designer (new HTML preview tab)
- Forms still based on the XFA specification
- Forms have a similar layout to PDF / Retain look & feel
- HTML forms use the same template as PDF forms



## Integration:

- Mobile forms ideal as part of a larger workflow scenario
- PDF rendition also available for later use (compliance, legal, for reference...)





# The ADS in the Cloud

# Moving the ADS to the Cloud

**Does configuring the ADS on your own Java stack feel like this?**

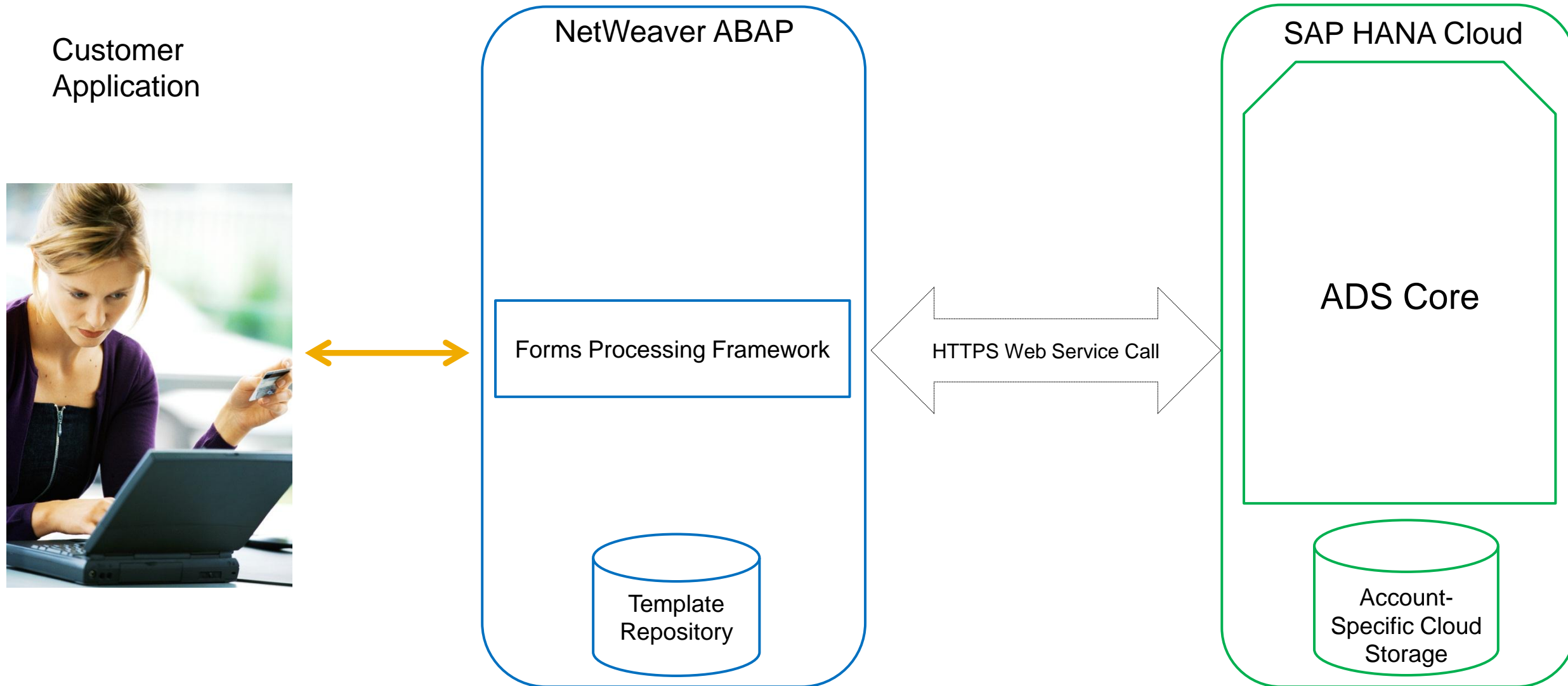


**Get SAP to host the ADS in the Cloud!**



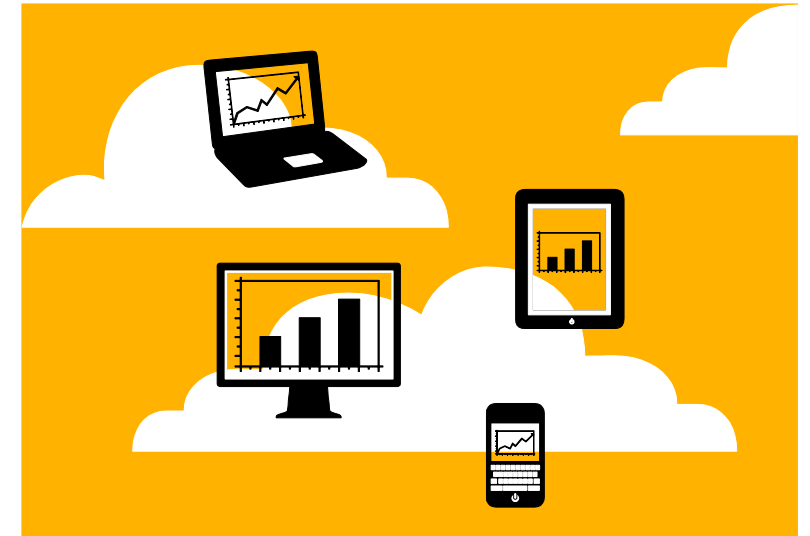


# Proposed Architecture for ADS on the SAP HANA Cloud



# ADS in the Cloud: The Benefits

- **Save time and money**
  - Avoid on-site installation of the Java stack
  - SAP patches the ADS automatically
  - Save money on hardware
- **Retain transparency to**
  - Form designers and developers
  - End users participating in forms-based processes
- **Take advantage of a simple, flexible and attractive licensing model**
- **Investigate possible scalability benefits**





# Continuous Evolution

# IFbA P7

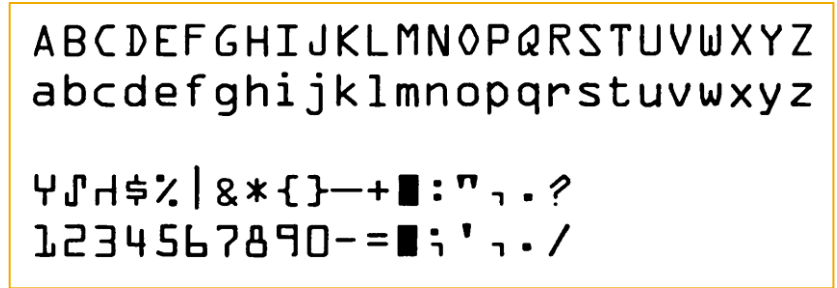
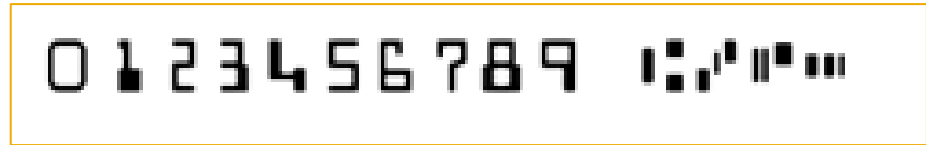
## New Developments in SAP NetWeaver 7.31 SP4

### Adobe LiveCycle Designer 10

- Variety of Adobe LiveCycle Designer Accessibility improvements (e.g keyboard shortcuts or tooltips)
- Macros: Extend the functionality of Designer using JavaScript

### Forms Processing improvements

- MICR Fonts & OCR Fonts Support
- Native Itanium Support IA64 on HP-UX 11.31 (11i v3) 64 bit
- Rupee Symbol Support



### PDFPrint for SAPSprint

- Support printing any PDF – Adobe & Non-Adobe generated PDFs

# IFbA P8

## New Developments in SAP NetWeaver 7.40

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### **Adobe LiveCycle Designer 10.6**

#### Developer Productivity & Usability Improvements

- Easier handling of the data hierarchy tree e.g. copy & paste elements / nodes
- Landscape & portrait independent of paper size option for ZPL

### **Forms Processing improvements**

#### Productivity

- Input tray/output tray / duplex / stapling / binding / punching / job separation capability as “printer options” without modifying the XDC files

#### Security

- Certificate revocation lists (CRLs) – higher update frequency
- HTTPS URL graphics
  - Resolution of graphics referenced through HTTPS in Adobe Print Forms

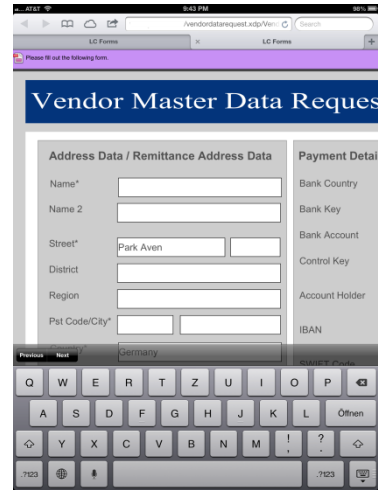
#### Platforms support

- Adobe Document Services availability on Windows Server 2012

# IFbA P9

## Planned Developments in SAP NetWeaver 7.40 SPx

### Mobile forms



### ADS on HANA cloud



Hindi support in ADS

अब हिन्दी

Maintenance

Turkish currency (Lira) support

₺

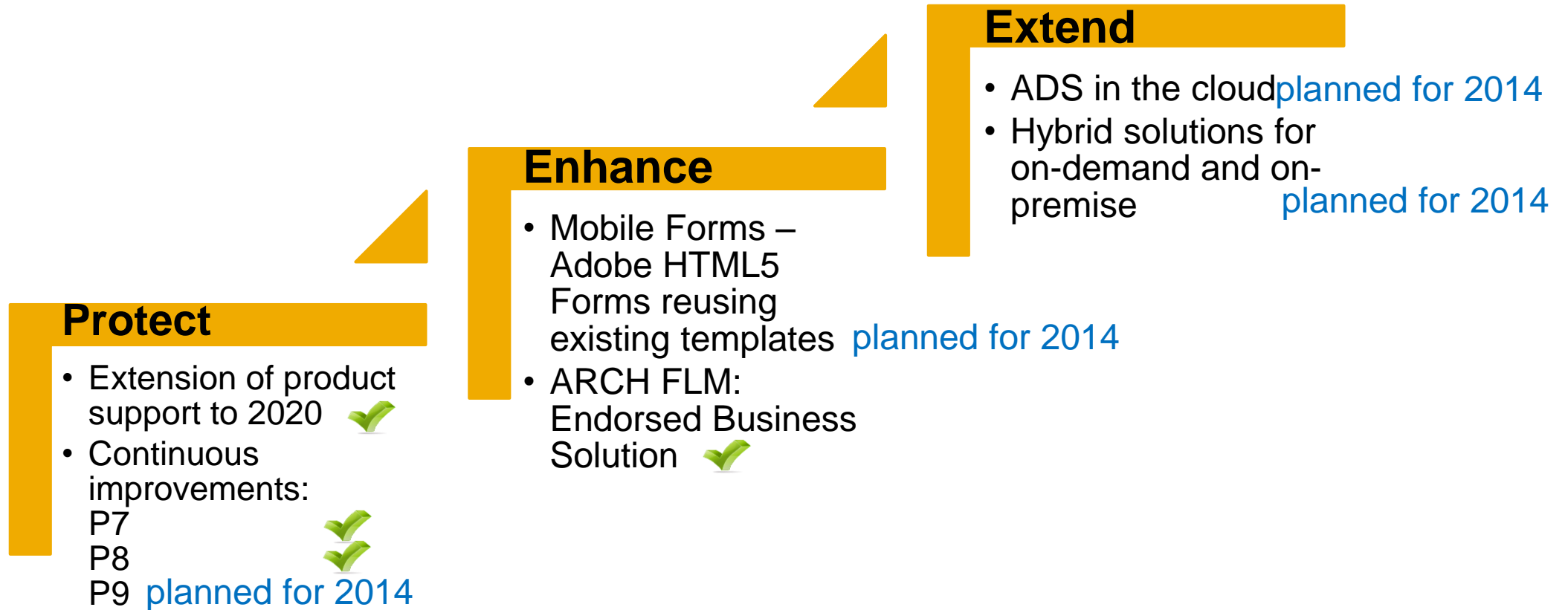
Japanese Postal barcode support





# Summary and Roadmap

# The Road Ahead





# Further Information

## SAP Public Web

SAP Developer Network (SDN): <http://scn.sap.com/welcome>

SDN Interactive Forms Page: <http://scn.sap.com/community/interactive-forms-by-adobe>

SDN Printing Page : <http://scn.sap.com/community/output-management>

## SAP Education and Certification Opportunities

[www.sap.com/education](http://www.sap.com/education)

BC480: PDF-Based Print Forms

BC481: SAP Interactive Forms by Adobe in the ABAP Environment

PDEPDF: One-Day Quick-Starter Workshop on IFbA

HR280: Smart & Adobe Forms in HCM

## Related Events at SAP TechEd

Speaker Networking Sessions: SAP Interactive Forms by Adobe

# SAP TechEd Virtual Hands-on Workshops and SAP TechEd Online

## Continue your SAP TechEd education after the event!

### SAP TechEd Virtual Hands-on Workshops

- Access hands-on workshops post-event
- Available January – March 2014
- Complementary with your SAP TechEd registration

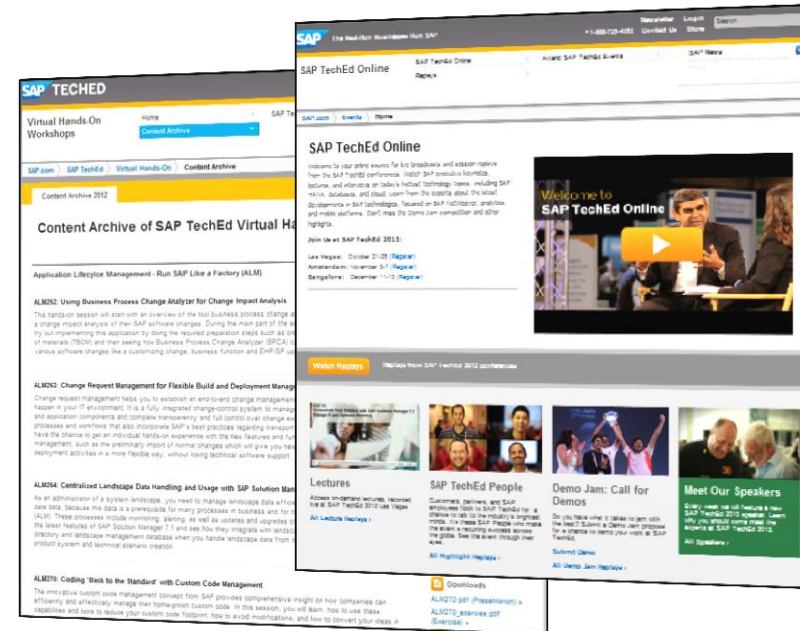
<http://saptechedhandson.sap.com/>



### SAP TechEd Online

- Access replays of keynotes, Demo Jam, SAP TechEd LIVE interviews, select lecture sessions, and more!
- View content only available online

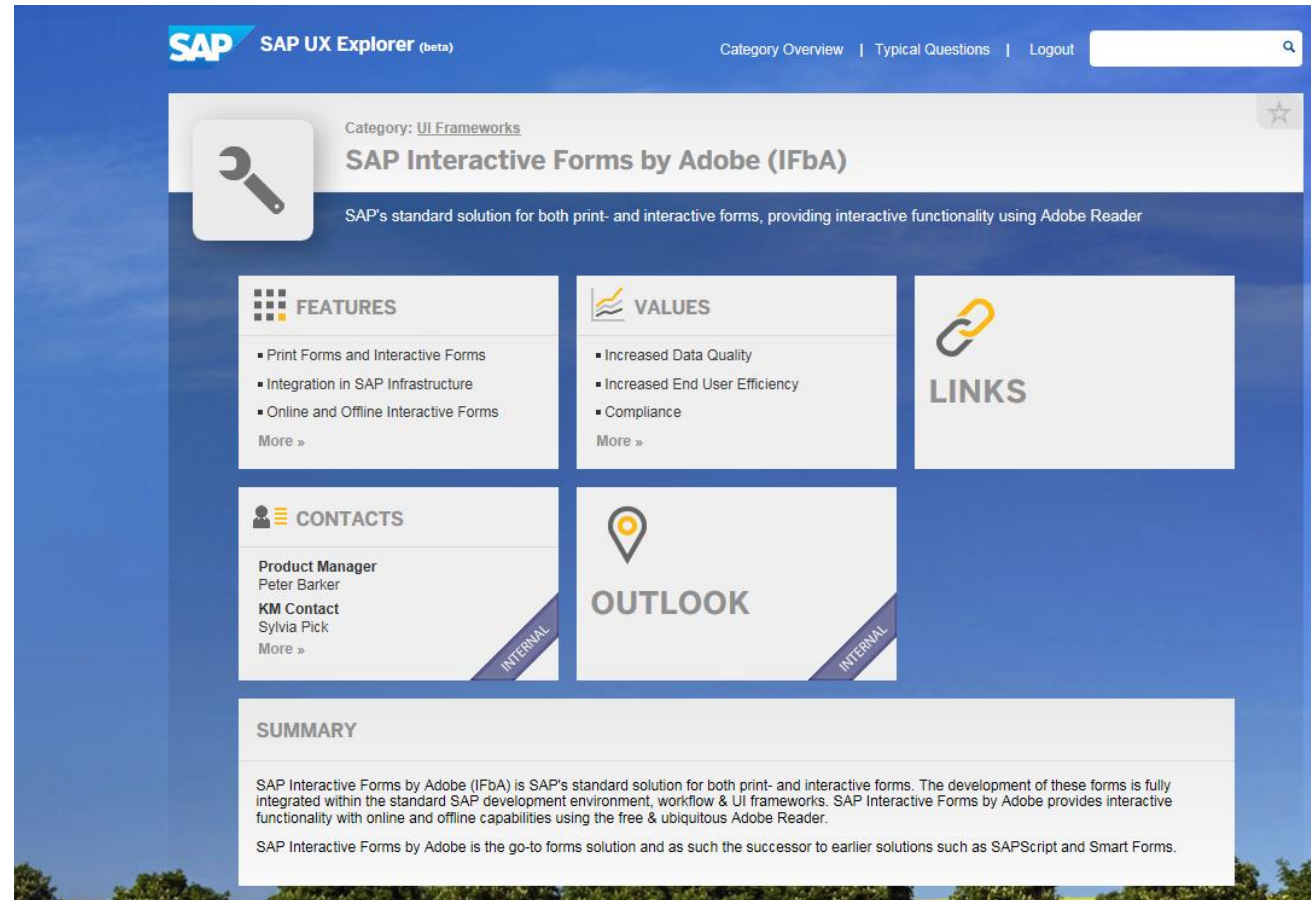
<http://sapteched.com/online>



# SAP UX Explorer

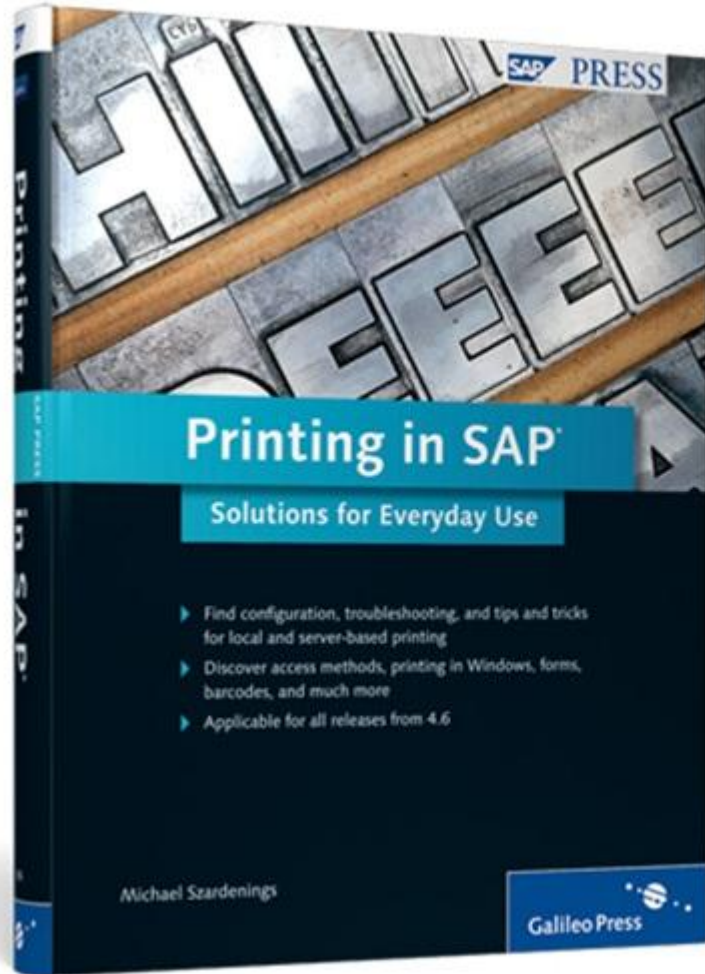
Available for everybody at <http://uxexplorer.hana.ondemand.com>

- Helps customers and partners to identify UI technologies that are important to them
- Provides transparency regarding technology options and how they relate to one another
- Can be used to compare various UI technologies
- Helps to explain steps required to improve user experience
- Provides links to sources of further information (for example, SCN, Help Portal)

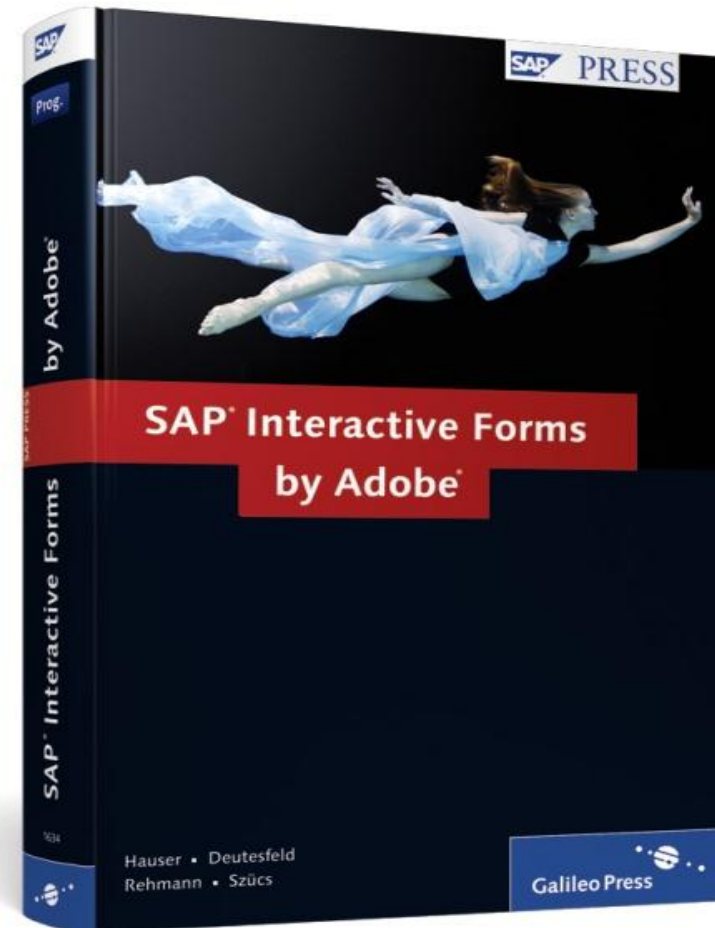


The screenshot displays the SAP UX Explorer interface for the 'SAP Interactive Forms by Adobe (IFbA)' category. The page features a blue header with the SAP logo, the product name 'SAP UX Explorer (beta)', and navigation links for 'Category Overview', 'Typical Questions', and 'Logout'. A search bar is located in the top right corner. The main content area is titled 'Category: UI Frameworks' and 'SAP Interactive Forms by Adobe (IFbA)'. Below the title, there is a description: 'SAP's standard solution for both print- and interactive forms, providing interactive functionality using Adobe Reader'. The page is organized into several sections: 'FEATURES' (listing Print Forms and Interactive Forms, Integration in SAP Infrastructure, and Online and Offline Interactive Forms), 'VALUES' (listing Increased Data Quality, Increased End User Efficiency, and Compliance), 'LINKS' (represented by a chain link icon), 'CONTACTS' (listing Product Manager Peter Barker and KM Contact Sylvia Pick), and 'OUTLOOK' (marked as INTERNAL). A 'SUMMARY' section at the bottom provides a detailed description of the solution and its integration with SAP development environments.

# Books Available from SAP Press



[SAP Press link](#)



Second Edition

[SAP Press link](#)



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