CD111
SAP Interactive Forms by Adobe – Today and Tomorrow

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SAP

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Agenda

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

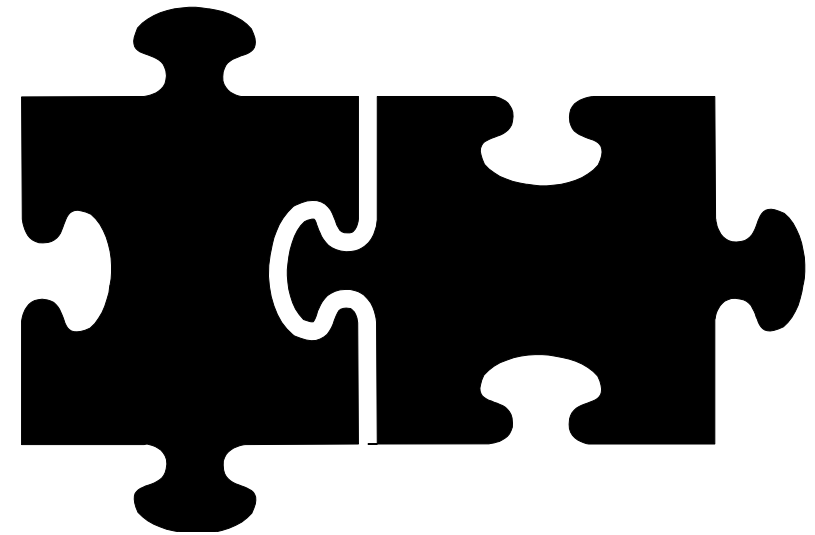- P7, P8 and P9

Summary and Roadmap

Quick Recap

You can work with forms offline

Integration with SAP technology and business processes

Fields can be prefilled with data

Forms support bar codes

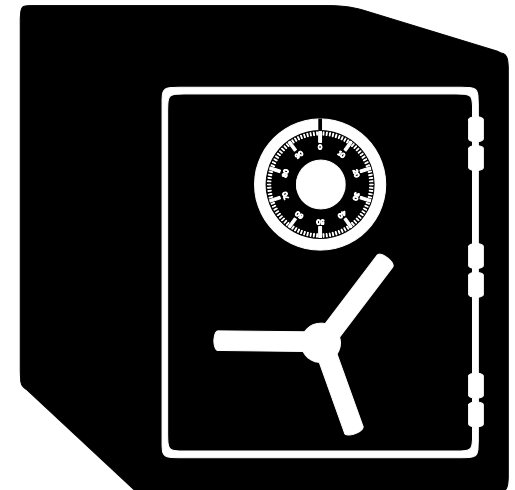**Digital signatures**

P8 Release Approvals

SAP

Wolfgang Weiss

Adobe

David Welch

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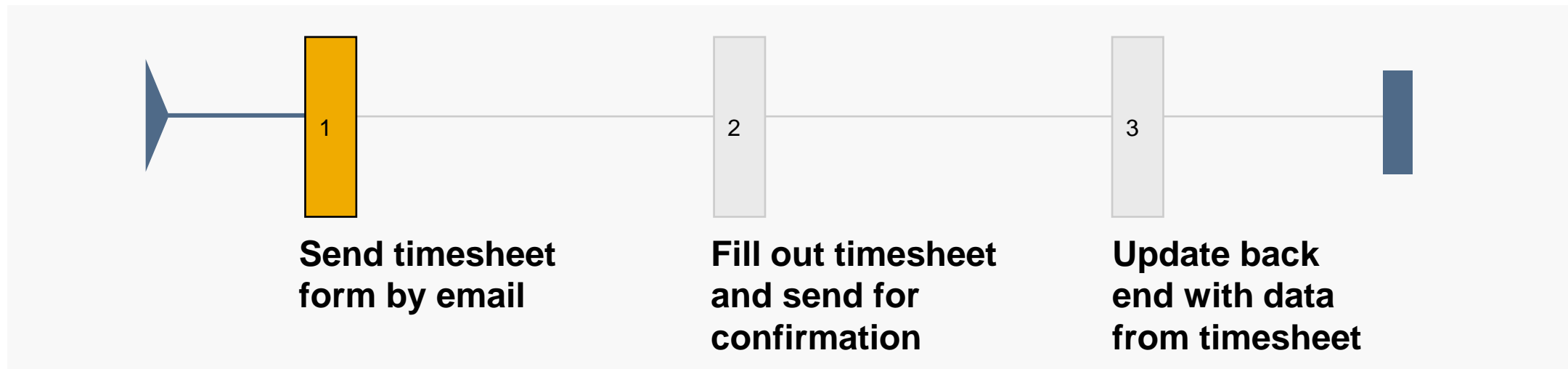Date: 2012.06.06 17:12:27 -07'00'

Dave Welch

You can save/archive forms

Supports SAP workflow solutions

1 Send timesheet form by email

2 Fill out timesheet and send for confirmation

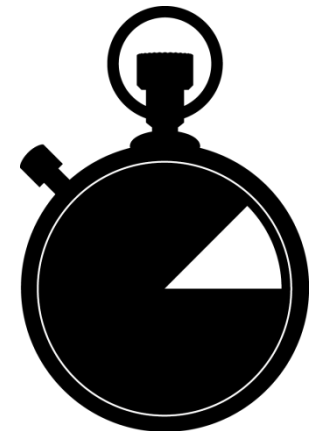**3** Update back end with data from timesheet

Perfect interface between casual worker and SAP

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Adobe Reader is ubiquitous and free-of-charge

Lower TCO: Printing, archiving etc

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

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

E-mail   **Print**   **Archive**

- IFbA fully integrated with SAP Printing
- LiveCycle Designer: State-of-the-art design time for creating forms
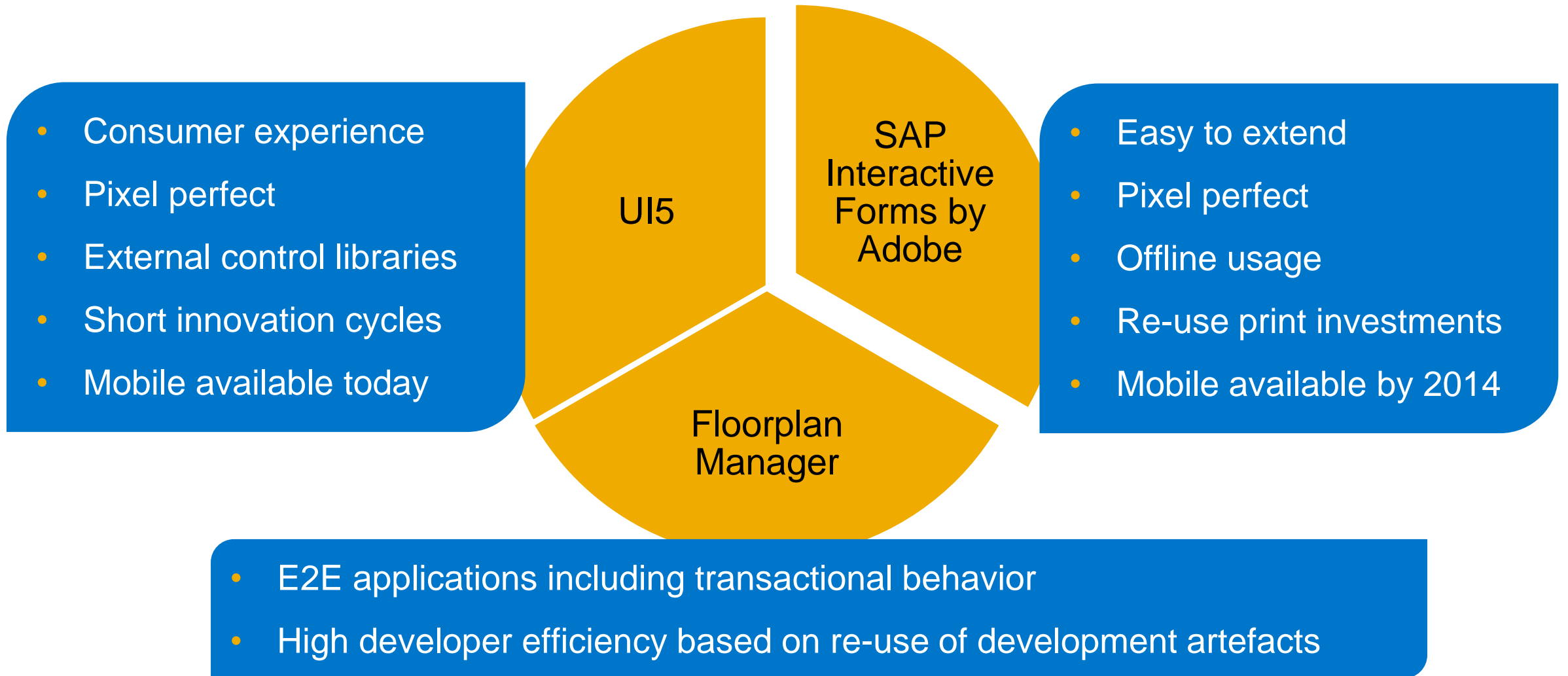- Create documents in PDF, PCL, PS, ZPL and other formats (1672781)
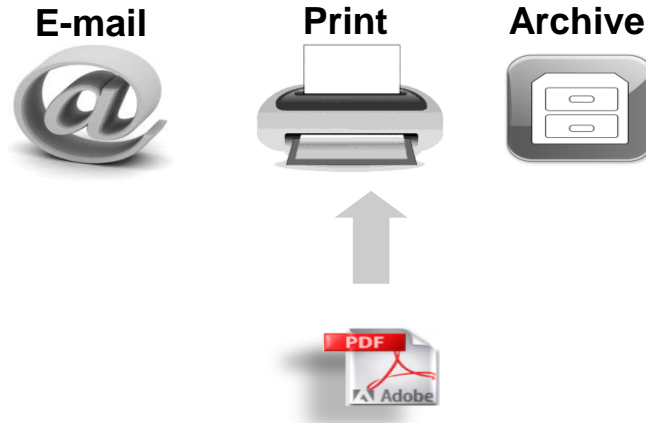
- Classic form processing, not interactive
- Output documents are printed, e-mailed, archived or faxed

- 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?"

UI5

SAP Interactive Forms by Adobe

Floorplan Manager

- Consumer experience
- Pixel perfect
- External control libraries
- Short innovation cycles
- Mobile available today

- Easy to extend
- Pixel perfect
- Offline usage
- Re-use print investments
- Mobile available by 2014

- E2E applications including transactional behavior
- High developer efficiency based on re-use of development artefacts

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)

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.
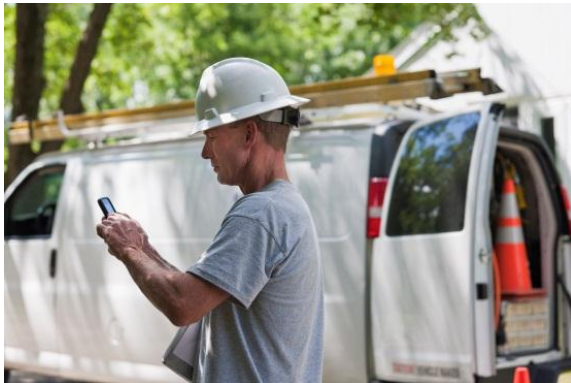
Demo

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.

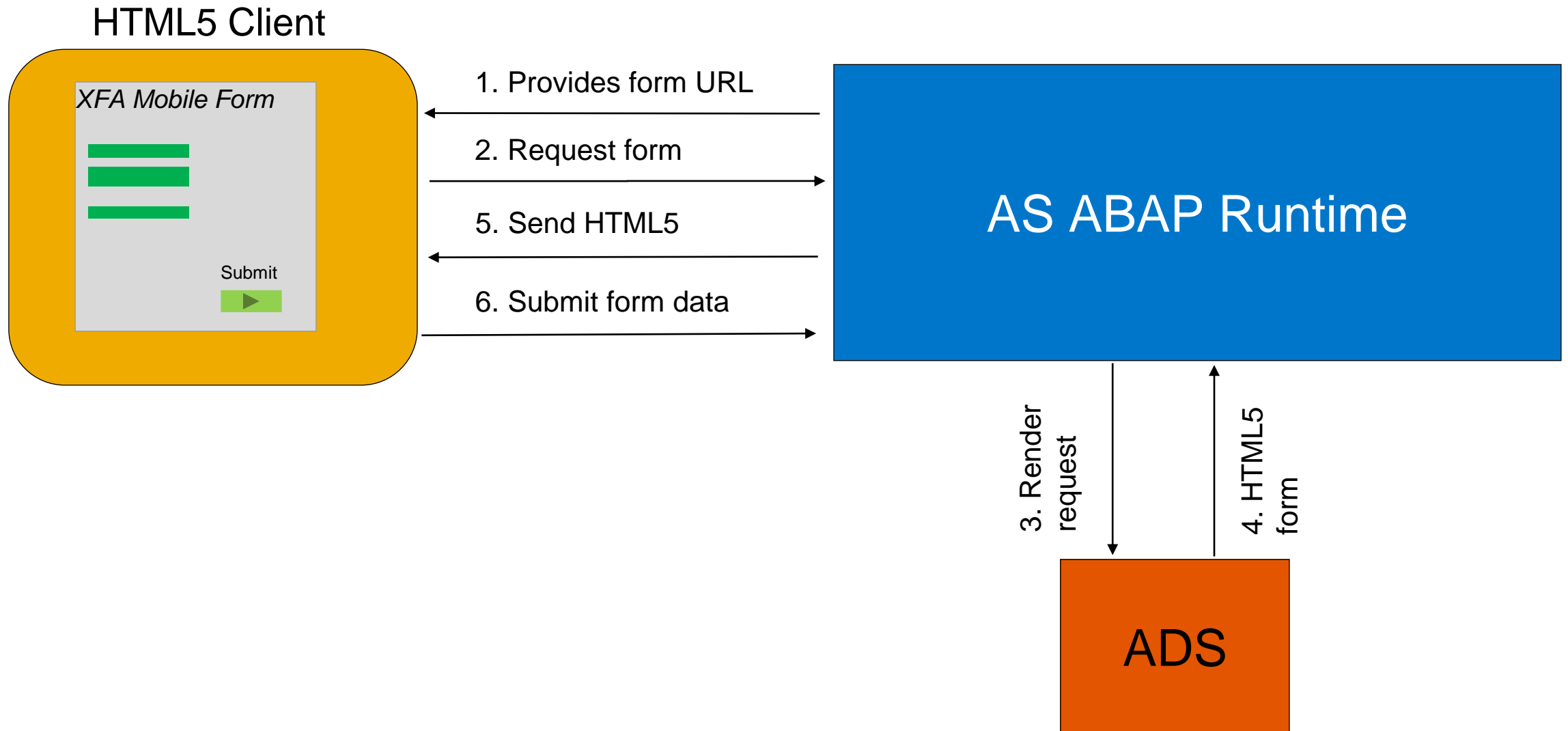She receives PDF/A via e-mail for her records.

Adding HTML5 as Output Format

Same development methodology, tools and form template

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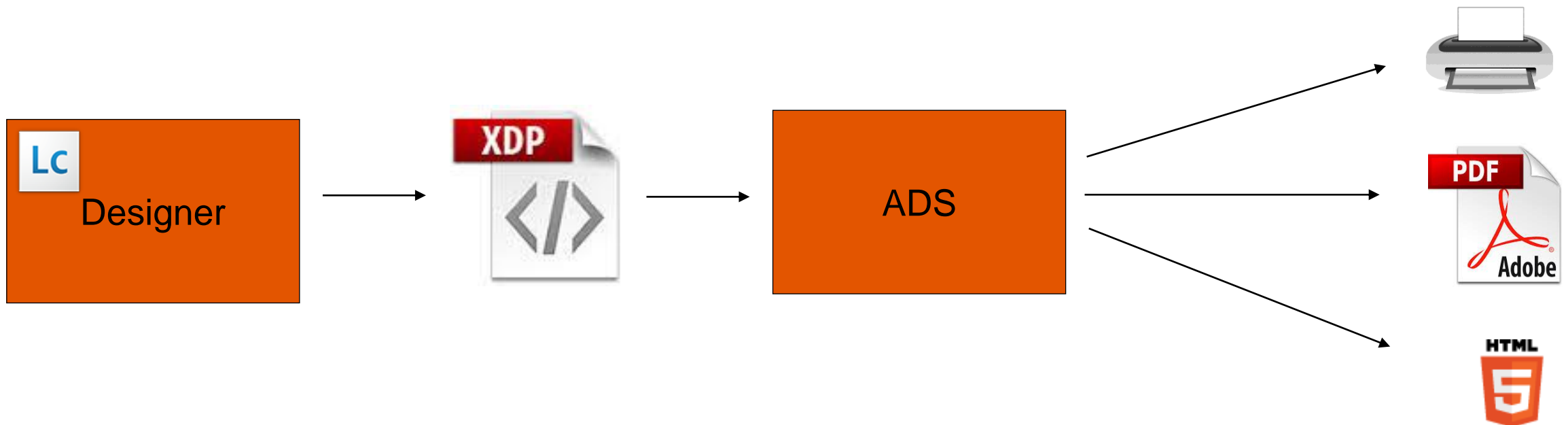
HTML Forms Provisioning

HTML5 Client

XFA Mobile Form

Submit

AS ABAP Runtime

1. Provides form URL

2. Request form

5. Send HTML5

6. Submit form data

3. Render request

4. HTML5 form

ADS

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

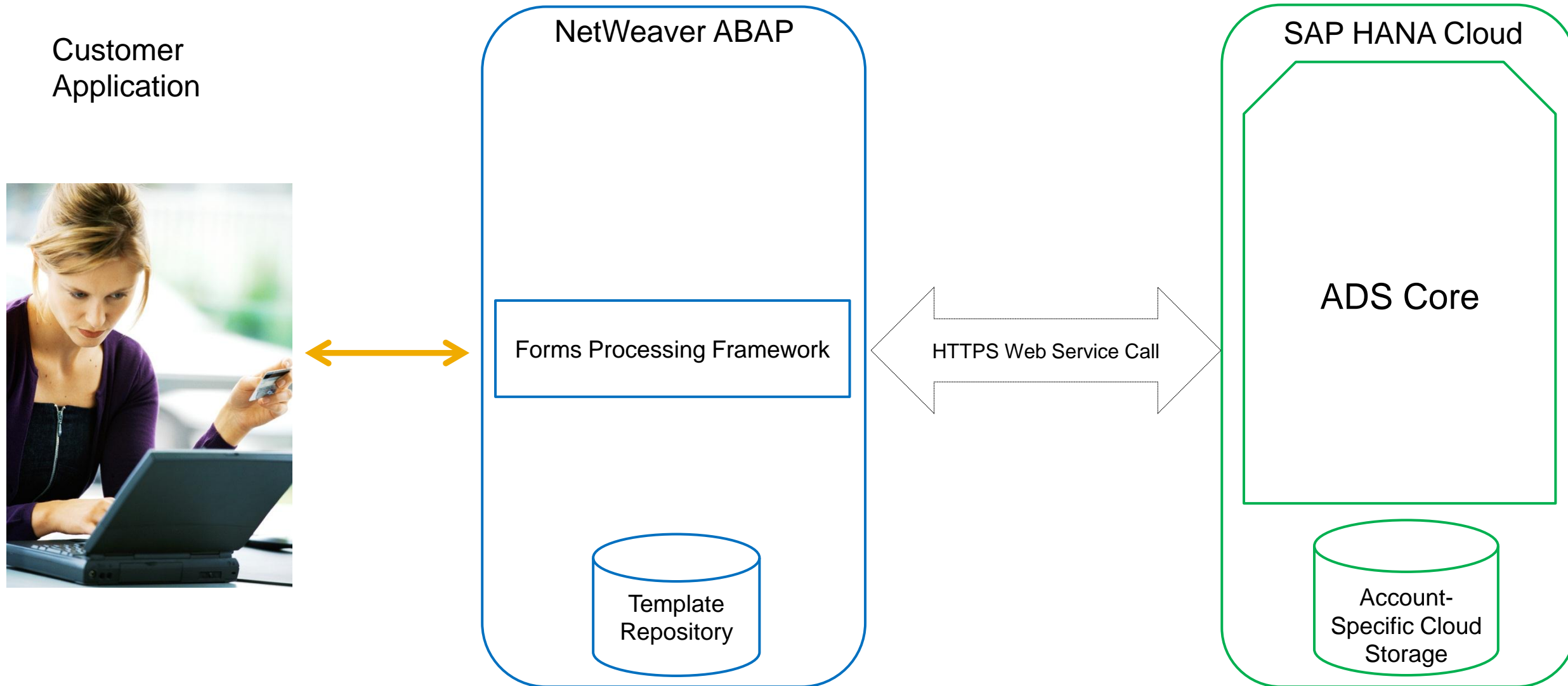**Does configuring the ADS on your own Java stack feel like this?**

Get SAP to host the ADS in the Cloud!

Proposed Architecture for ADS on the SAP HANA Cloud

Customer
Application

NetWeaver ABAP

Forms Processing Framework

Template
Repository

HTTPS Web Service Call

SAP HANA Cloud

ADS Core

Account-
Specific Cloud
Storage

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**

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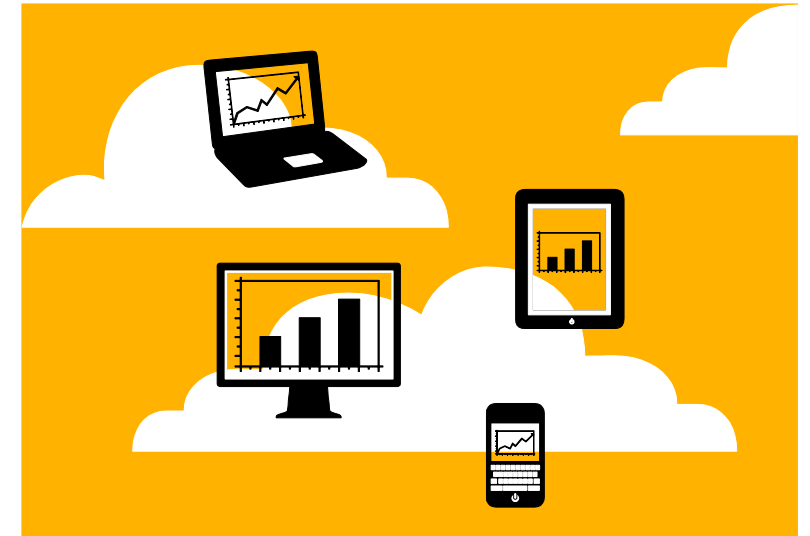
Continuous Evolution

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
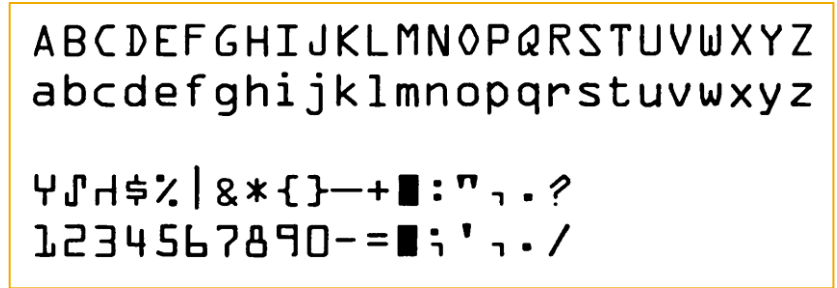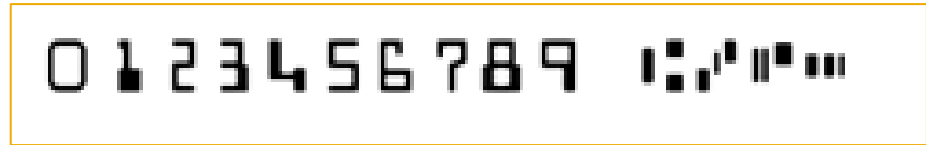
PDFPrint for SAPSprint

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

IFbA P8
New Developments in SAP NetWeaver 7.40

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
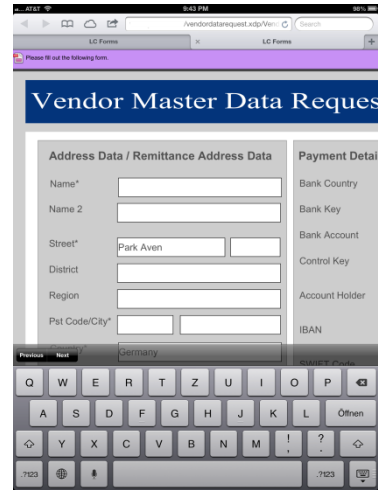
ADS on HANA cloud

Hindi support in ADS	अब हिन्दी

Maintenance

Turkish currency (Lira) support	₺

Japanese Postal barcode support	

Summary and Roadmap

The Road Ahead

Protect

- Extension of product support to 2020 ✅
- Continuous improvements:
  P7 ✅
  P8 ✅
  P9 planned for 2014

Enhance

- Mobile Forms – Adobe HTML5 Forms reusing existing templates planned for 2014
- ARCH FLM: Endorsed Business Solution ✅

Extend

- ADS in the cloud planned for 2014
- Hybrid solutions for on-demand and on-premise planned for 2014
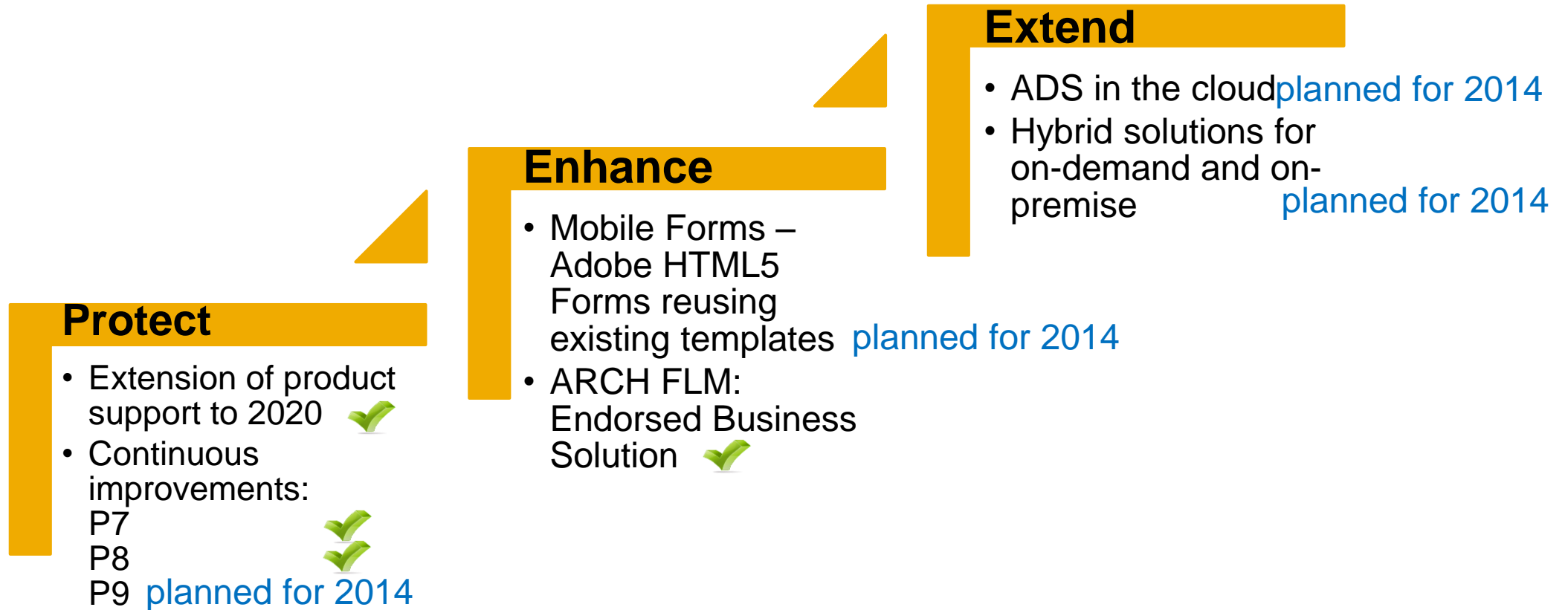
Further Information

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

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
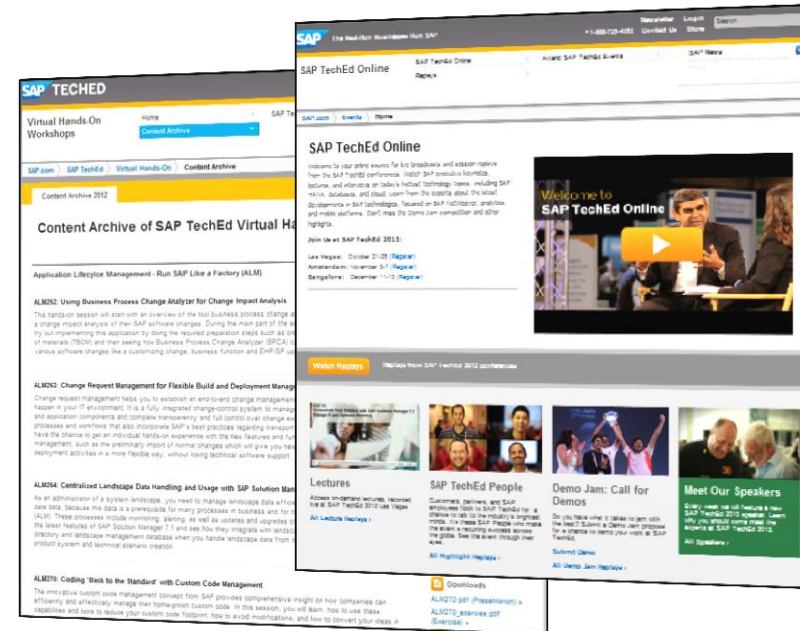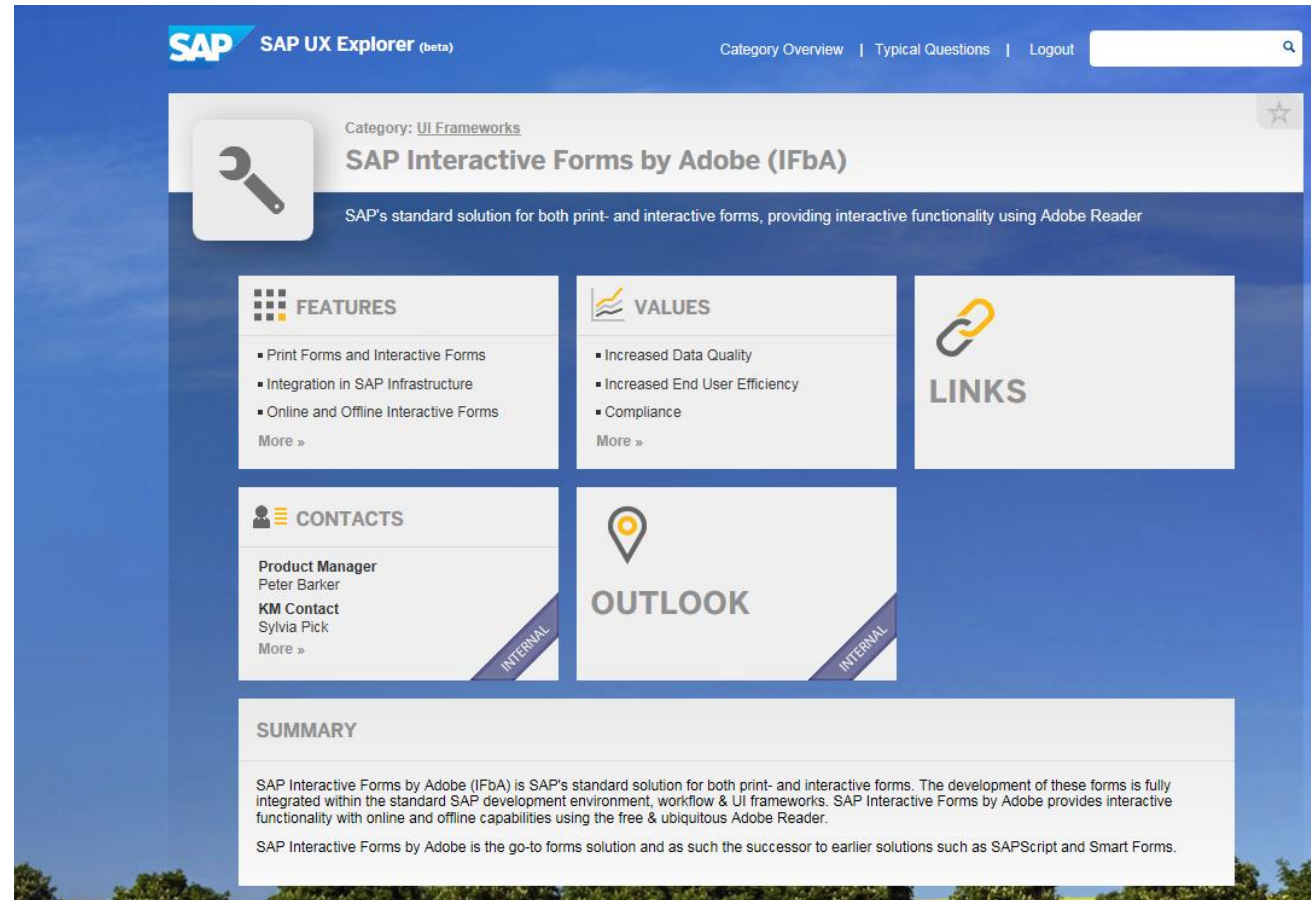
SAP UX Explorer
Available for everybody at http://uxexplorer.hana.ondemand.com

- 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)

Books Available from SAP Press

Second Edition

SAP Press link
SAP Press link

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