

POP205

# SAP NetWeaver Portal 7.4 – What's New and Recommendations for Upgrade

Product Management, SAP NetWeaver Portal  
October, 2013

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# Agenda

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Overview

SAP NetWeaver Portal 7.4 in Detail

Roadmap

Recommendations for Upgrade

Summary



# Overview

# Personas and their needs



End user

**Make decisions to drive business based on real insights and information**

Looking for **easy to use access** and personalized **solutions** with state-of-the-art **user experience**



Line of Business

**Drive business innovations and improve time-to-value of new solutions**



IT Admin

**Support cross-organization and LOB while managing an efficient landscape**

Looking for a **robust** platform with easy and **intuitive** tools and **frameworks** to drive **innovation** with **efficiencies**



Developer

**Develop new generation applications and extension scenarios**

# The SAP Portal Market

Thousands of successful customers - globally and across industries

**7,400+**

Customers

**12,000+**

Productive Systems

**30,000,000+**

Portal users

**2,000+**

EP 7.3 Systems

**25**

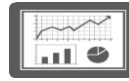
Industries



Update Logos  
Highlight links: Telekom / Intenz

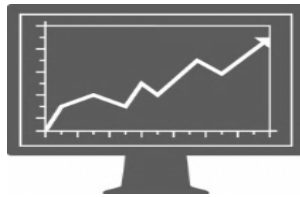
# Product portfolio for SAP Portal

Innovations for on premise, cloud, mobile and in-memory



on any device

## SAP NetWeaver Portal



Secure, proven on premise user experience platform for analytics, applications and content

## SAP HANA Cloud Portal



Portal Platform as a Service (pPaas) based lean portal, mashing and extending on premise and cloud scenarios



next generation, contextual aggregation hub **powered by SAP HANA Platform (UI Integration Services)**

*SAP NetWeaver Portal has become a central element of the vendor's broad and ambitious strategy to improve user engagement while exploiting social, mobile, cloud and big data trends.*

Gartner, Horizontal Portal Magic Quadrant 2012

# Product portfolio for SAP Portal

Innovations for on premise, cloud, mobile and in-memory

## SAP Portal portfolio delivers a flexible SAP HANA-based, enterprise-wide UI aggregation hub for on-premises and cloud scenarios with innovative user experience

- **SAP HANA Cloud Portal:** Flexible portal platform as a service (pPaaS) for building attractive business sites, extending on-premises and cloud scenarios across devices
  - **SAP Cloud for Service**
  - **SAP SuccessFactors Employee Central extensions**
- **SAP NetWeaver Portal:** Proven user experience platform leveraging SAP HANA platform, unifying access to business information, services and apps (SAP or 3<sup>rd</sup> party)
  - **Mobile Portal:** End-to-end, personalized mobile entry point and user experience to quickly access content and applications (incl. SAP Fiori)
  - **Enterprise Workspaces:** User productivity for individuals and teams
  - **SAP Portal Site Management by OpenText:** Professional WCM for SAP Portal
- **SAP HANA UI integration Services:** Enrich and increase development efficiency of HANA native app development based on common UI services





# **SAP NetWeaver Portal 7.4 in Detail**



# SAP NetWeaver application infrastructure

Mission critical for tens of thousands of organizations

## SAP NetWeaver®

### Develop applications

3.0+ million developers on SAP community

### Connect people

7,400+ live portal customers

### Orchestrate processes

6,300+ live customers

### Secure access

Millions of managed identities,  
tens of thousands of secured applications

### Manage systems

70,000 productive SAP systems 24/7

### Manage information

11,000+ BW productive customers

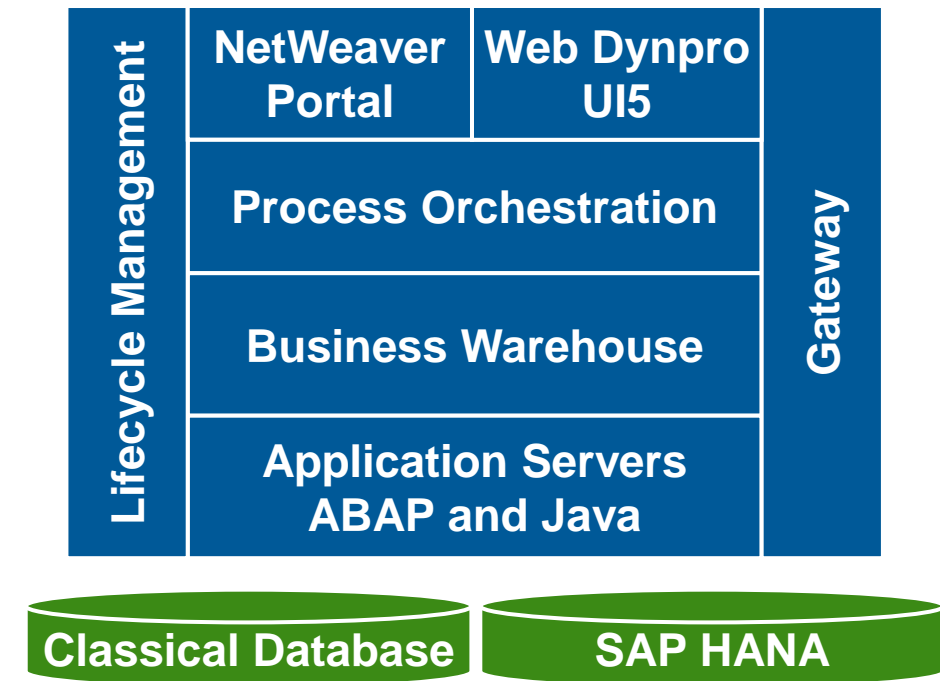
# Why SAP NetWeaver 7.4?

Responding to emerging market trends such as in memory, mobile and cloud

- Optimized access to SAP HANA
- Enhanced connectivity between on premise and on demand solutions running on SAP HANA Cloud
- Improved development of mobile apps (smart phones/tablets)
- Foundation for SAP Business Suite on SAP HANA
- Embedded NetWeaver Gateway and SAP UI5 capabilities
- Enhanced custom development in the context of SAP HANA
- Improved development tools, guidelines and best practices to get the most out of SAP HANA

Check SCN [blog](#) by Karl Kessler for details

## SAP NETWEAVER 7.40



Compatible with 7.x

Optimized for SAP HANA

# SAP NetWeaver Portal 7.4 and add-ons

Key capabilities for usability, content, collaboration and mobile access scenarios



Multi-channel consumption

Mobile  
Portal

Content  
Management

Enterprise  
Workspace

## SAP NetWeaver Portal

Application & Analytics Integration  
Collaboration, Documents, Web Content  
Usability & Branding



powered by SAP HANA Platform



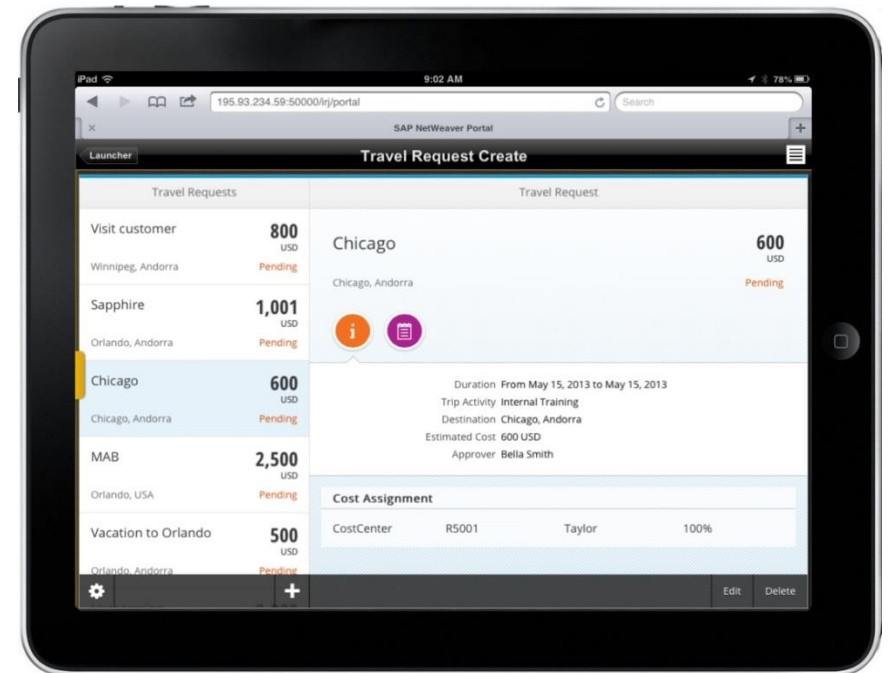
# SAP NetWeaver Portal 7.4

Details in sessions:  
POP105, POP263

SAP HANA-enabled go-to-release for modern user experience platform enabling users to efficiently access and aggregate enterprise assets including portal content, business applications and analytics

## Highlights

- Scalable SAP NetWeaver platform optimized for SAP HANA
- Enhanced mobile user experience for tablets / smartphones
  - Smart OOTB integration with SAP Fiori applications
- Integration with SAPUI5 and SAP Gateway
- Improved theming capabilities with UI Theme Designer
- Basis for upcoming innovations of SAP Portal on HANA



Note: **trial version** available via SAP Cloud Appliance Library

# Key Benefits of SAP NetWeaver Portal 7.4



End user

**Acting based on real insights and information**

- Role-based, cross-system access to applications, information, reports & tasks
- Consumption via desktop & mobile device (AppGallery)
- Personalization & favorites
- Customized user experience
- Easy collaboration & sharing



Line of Business

**Driving business innovation internally and externally**

- Pre-configured content for SAP Business Suite
- Professional content and document management
- Smart integration with analytics and BW reporting
- Enabling external-facing B2C scenarios



IT Admin

**Growing cross-organization efficiencies**

- Secure, scalable platform powered by SAP HANA
- Enhanced and streamlined administration with efficient lifecycle management tools
- Support for high availability and minimized downtime
- Reduce TCO via stack consolidation



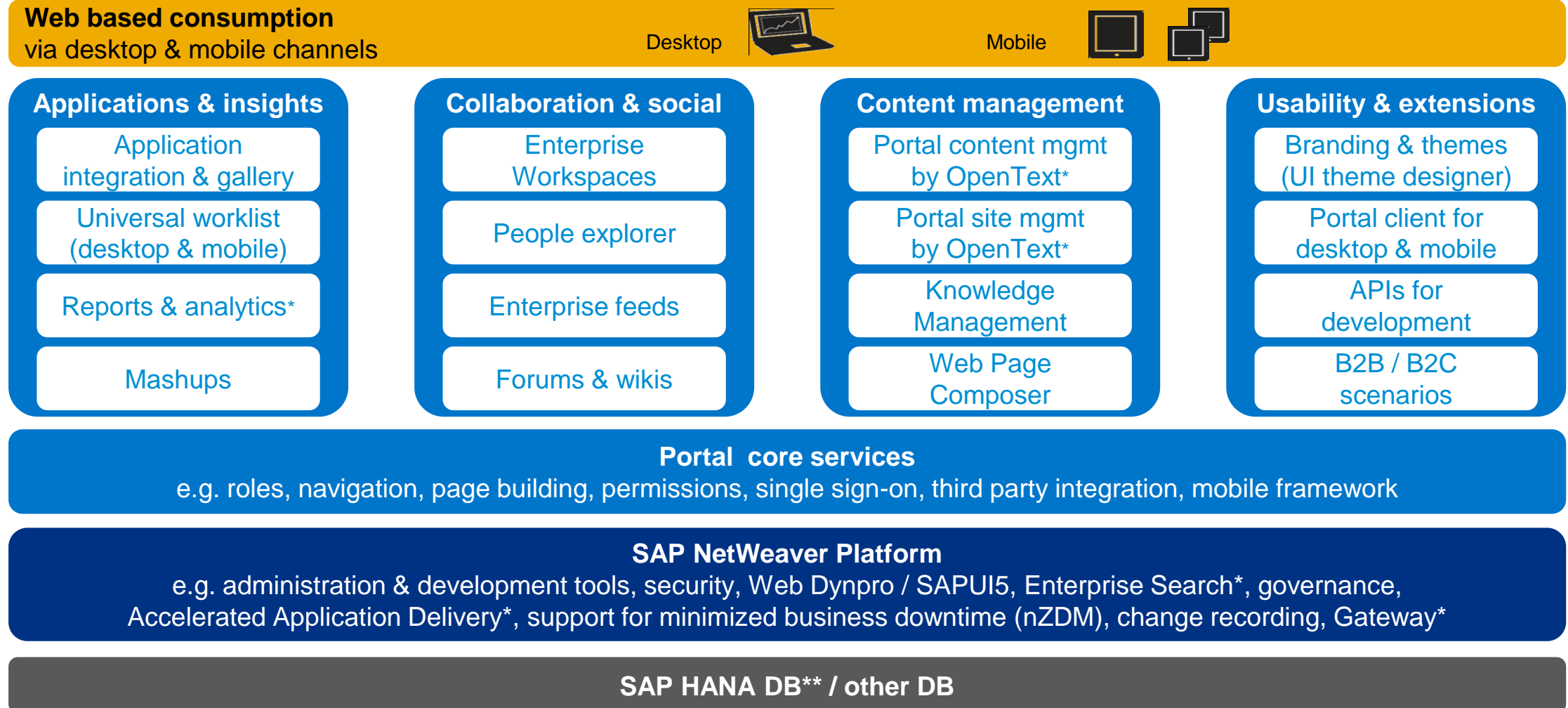
Developer

**Developing next gen apps and extension scenarios**

- Open framework and APIs for customization (theme designer) and extensions
- Modern development tools (Eclipse, integration with SAPUI5 and NW Gateway)
- Web standards

# SAP NetWeaver Portal and relevant add-ons

Key capabilities for usability, content, collaboration and mobile access scenarios



# Mobile Portal

Multi-channel, role based entry point for all business needs

- **Central hub** bringing together documents, applications, reports, people and processes
- Multi-channel, **role-based aggregation point** of content and applications, using predefined **mobile-designed templates** and mobile-ready modules
- Aggregates **native, hybrid** and **web applications** into one mobile entry point
- **Personalizable** launcher and **application gallery** for self-service mobile content aggregation
- Flexible, customizable **framework** enabling a wide range of scenarios: B2E, B2B, B2C
- **Available now on SAP Store!**  
Rapid Deployment Solution for Mobile Portal / Fiori Integration



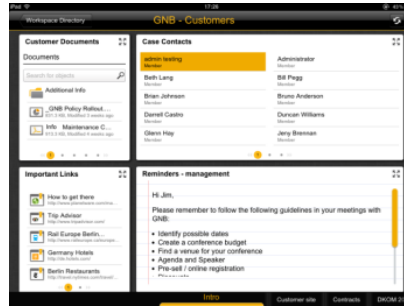


# Mobile UI experiences of SAP NetWeaver Portal

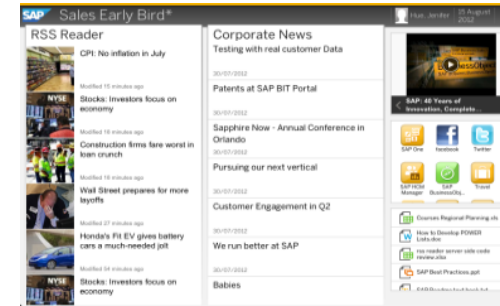
## Consuming portal content and services on mobile devices



Portal on smartphone



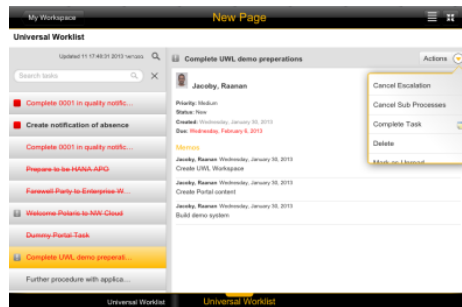
Workspaces on tablet



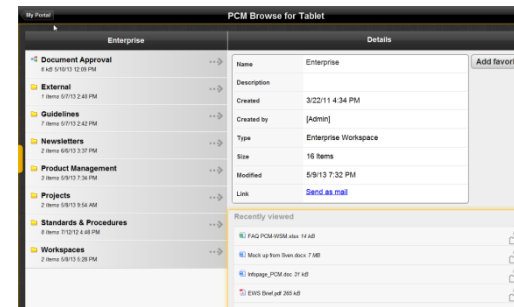
Mobile homepage



Portal on tablet



Mobile Universal Worklist



Portal Content Management



Custom mobile framework

### SAP NetWeaver Portal

Portal core

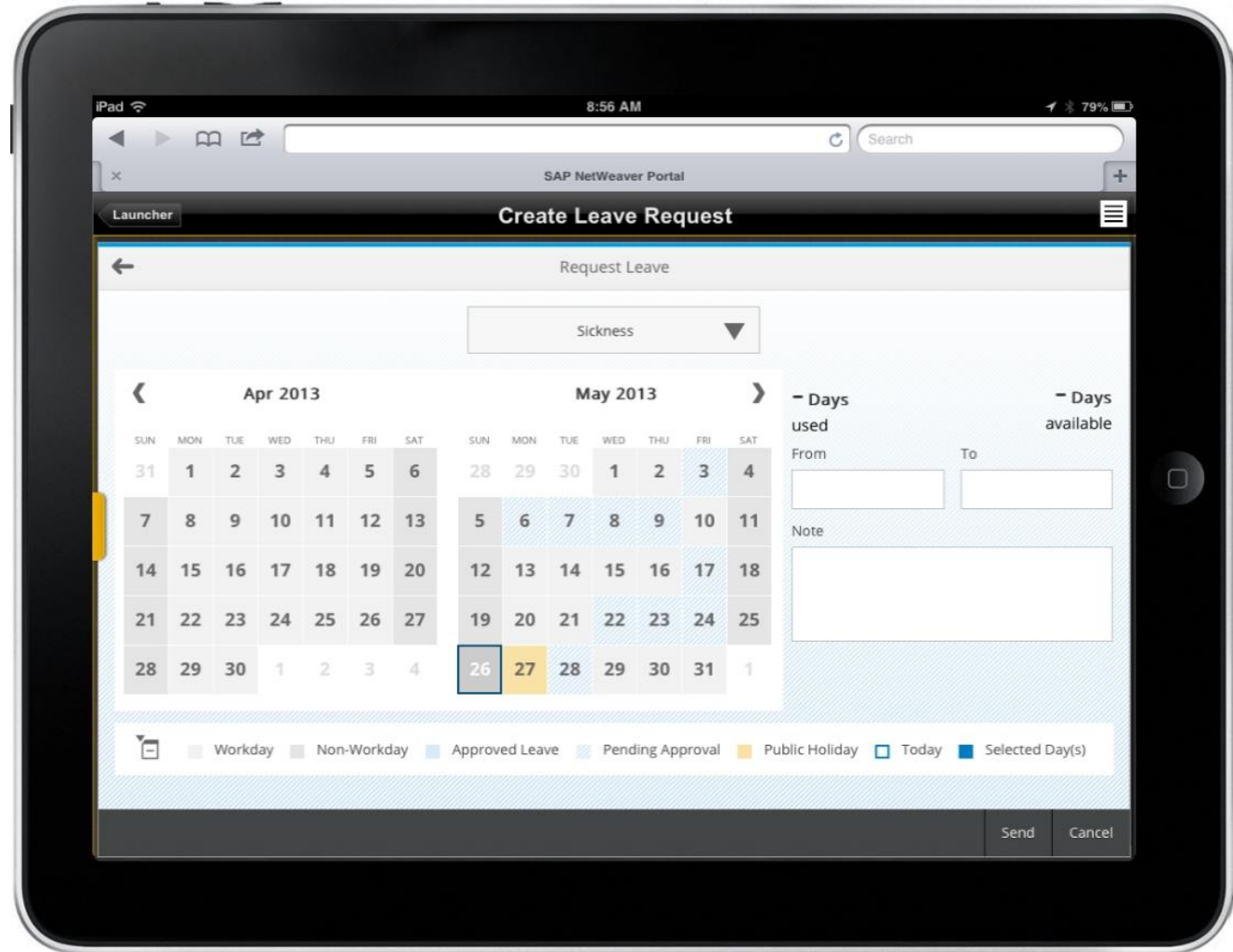
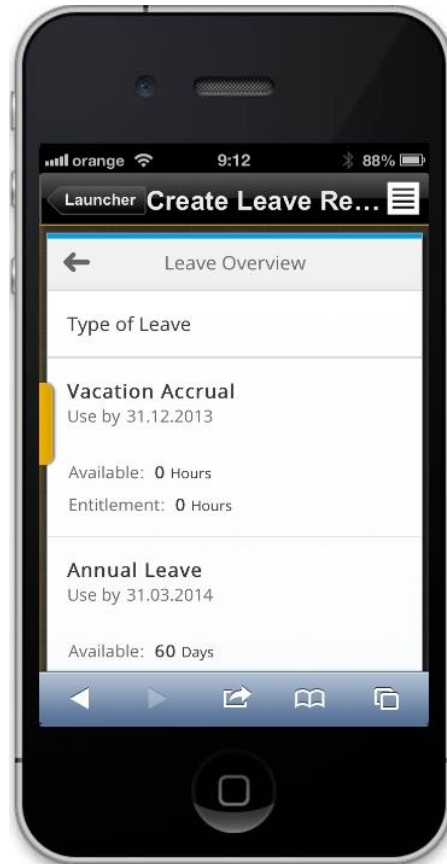
Collaboration & social

Content management

Usability, external-facing

# Smart integration of Mobile Portal and SAP Fiori applications

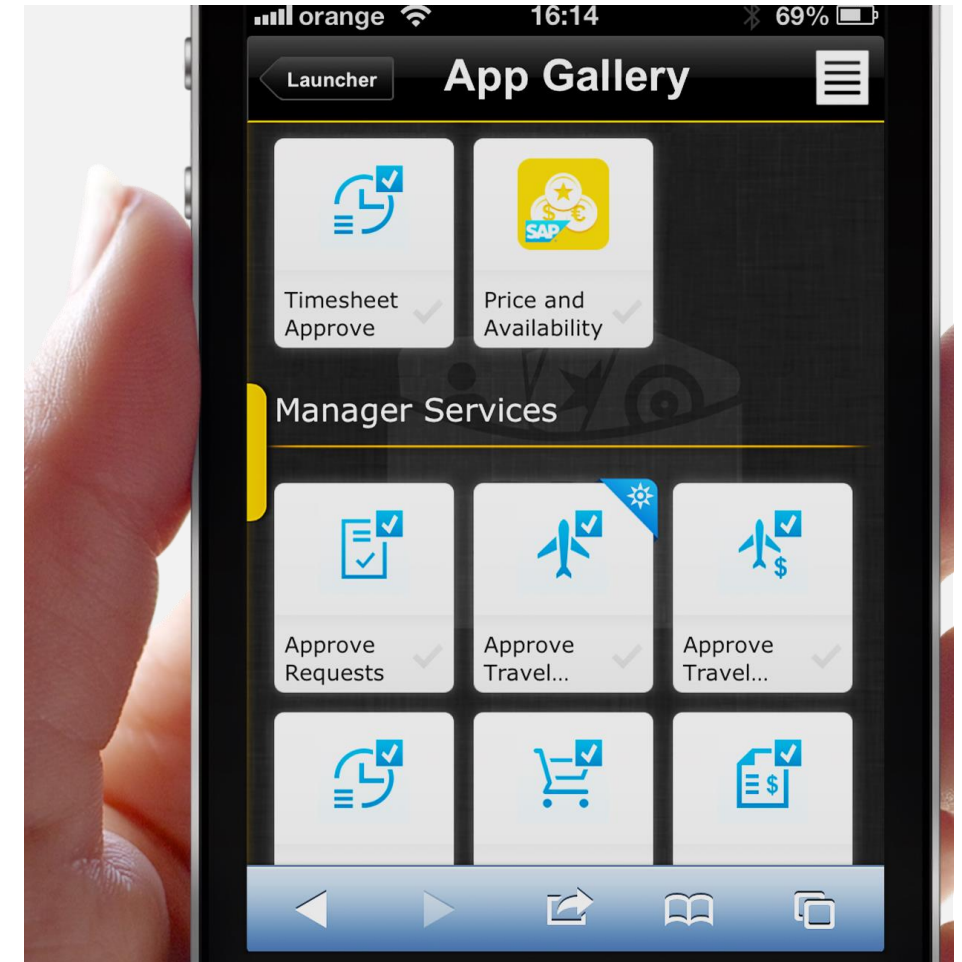
## Example: Create Leave Request



# Mobile App Gallery and Personalized Launcher

NEW

- ✓ The new mobile launcher provides a **self-service App Gallery** enabling end users to “shop” for their most used mobile application and add them to their personal launchpad
- ✓ End users can **personalize** (re-order, un-install) their mobile launchpad according to their own preferences via drag&drop functionality (just like on the user’s device)
- ✓ **Extendable** via public APIs for
  - ✓ Mobile Device Management (MDM) integration
  - ✓ Animation customization
- ✓ While **re-using your exiting investment** in the SAP NetWeaver Portal



# SAP Portal Content / Site Management by OpenText

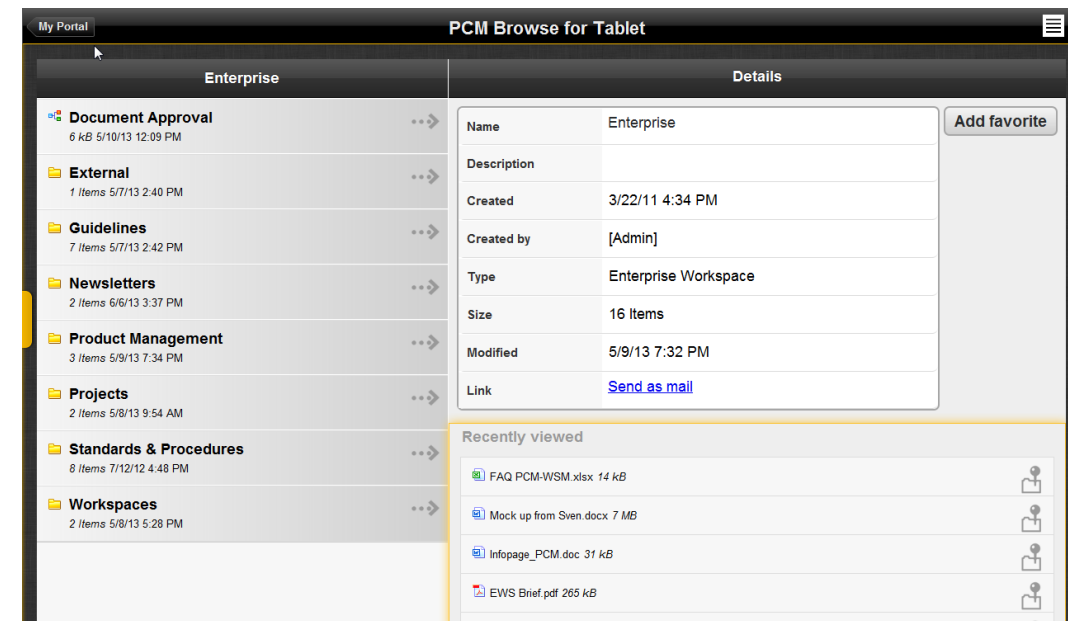
## Professional solution for managing documents and web sites

Efficiently and professionally manage enterprise content assets and consume on desktop and mobile devices

- including MS Office integration via enterprise connect
- Social services with Pulse

### Key benefits

- Enterprise-ready content management solution
- Enhanced mobile consumption
- PCM as best-of-breed document management solution
- Fully integrated with portal and workspaces via pre-configured iViews, SSO, universal worklist and search
- Easily upgradable to SAP Extended ECM by OpenText





# UI Theme Designer

## Easy theming of the portal experience

Customers can now more easily customize the visual appearance of SAP Portal via UI Theme Designer

The screenshot displays the SAP UI Theme Designer interface. At the top, there are tabs for 'Original' and 'Preview'. Below this, the interface is divided into three main sections: 'Applications', 'Control Preview', and 'Theme'. The 'Applications' section shows 'Purchase Orders' selected. The 'Control Preview' section shows a search page for 'Purchase Orders' with a 'Search Criteria' section. The 'Theme' section shows a 'Quick' theme configuration panel with various color and font settings.

1 2 3

Theme Original Preview

Pag... +

Applications

Purchase Orders

Control Preview

Search: Purchase Orders

Saved Searches:

Search Criteria

General

Purchase Order ID is

Purchase Order ID is

Employee ID is

Supplier Name is

Creation Date is

Supplier ID is

Total Gross Amount

Total Net Amount

Maximum Number of Results: 100

Search Clear Entries Reset to Default

Save Search As:

Result List: 0 Purchase Orders

Quick Expert CSS

Quick

Brand Color #f0ab00

Highlight Color #007DC0

Highlight Text Color #ffffff

Base Color #ddd

Background Color #f2f2f2

Background Image url()

Font Family Arial, Helvetica, sans-serif, Verdi

SAPFONTSIZE 0.75em

Text Color #000

Link Color #00669c

Title Color #333333

Check SAP note 1890375 for details on availability

# New Theme solution in the Portal

The screenshot shows the SAP UI Theme Designer interface. The main window is titled "Copy of sap\_tradeshaw". At the top, there are "Original" and "Preview" buttons. Below that, there's a "Target Pages" section with a tree view showing various page components like "DTN Tree Item Open", "Collection Title", and "Quick Poll". On the right side, there's a "Quick Expert CSS" panel with settings for "Color" (Brand Color, Highlight Color, Base Color, Shell Header Color, Background Color) and "Font" (Text Color, Link Color). The "Image" section includes "Company Logo" and "Background Image". A "Lab Preview" stamp is visible in the bottom right corner of the interface.

- The UI Theme designer is connecting to the Portal theme repository and reads the available themes
- Theme can be **Published** in the Portal repository
- Application rendering is also saved in the portal repository
- When you launch an application from the Portal it will use the branding **stored** in the **portal repository**
- **Full theme integration** between the Portal and other SAP applications



# Roadmap

# SAP NetWeaver Portal

## Product roadmap overview – key themes and capabilities

### Proven UX platform for desktop and mobile

- Customizable user experience for desktop and mobile consumption
- Enhanced mobile experience (branding, templates, themes, personalization)
- Qualified to Run on SAP HANA as a database
- Easy integration of SAP and non-SAP content and applications
- Integration with SAP Fiori
- Professional document and content management with OpenText
- Integrating SAPUI5 applications

### Enhance mobile and productivity scenarios

- Enhance mobile launcher user experience
- Tight integration with SAP Fiori on mobile and desktop
- Streamline development experience of SAPUI5 apps
- Enhancements to Unified Framework Page to run standards mode web content
- Theming and branding enhancement with via Theme Designer
- Extend OS/browser support, including Win8

### Portal powered by HANA and cloud integrations

- Integration with SAP Cloud solutions
- Integration with SAP Jam and other social content providers
- Leverage SAP HANA platform services and analytical capabilities
- Innovative usability and contextual content exploration paradigms powered by HANA
- Tighter integration with SAP mobile platform: Kapsel and Mobile Secure
- Integration with rapid web apps development and renovation tools

#### TODAY

SAP NetWeaver Portal 7.4 SP4  
Enterprise Workspaces 1.1 SP5

#### Planned Innovations

#### Future Direction

This is the current state of planning and may be changed by SAP at any time.



# Recommendations for Upgrade



# Your way to SAP NetWeaver Portal 7.4

## Options for Installation / Upgrade

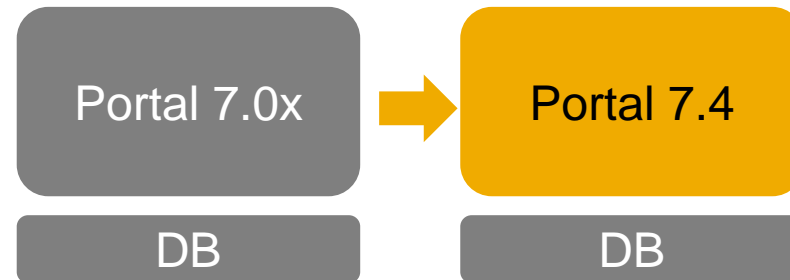
### New installation



Install Portal 7.4 SP3 on

- SAP HANA DB or
- other supported DB

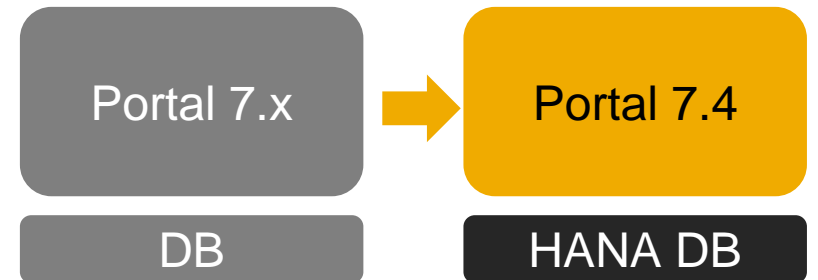
### Upgrade from Portal 7.0x



Upgrade Portal 7.0x to 7.4  
(major release upgrade similar  
to upgrade from 7.0x to 7.3)

**Attention** with custom developed applications such as Web Dynpro Java and portal applications (PAR > WAR format)

### Upgrade + DB Migration



Upgrade from Portal 7.x to 7.4  
including database migration to  
SAP HANA DB

Check migration guide for details

# Recommended Information

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## Documentation <http://help.sap.com/nw74>

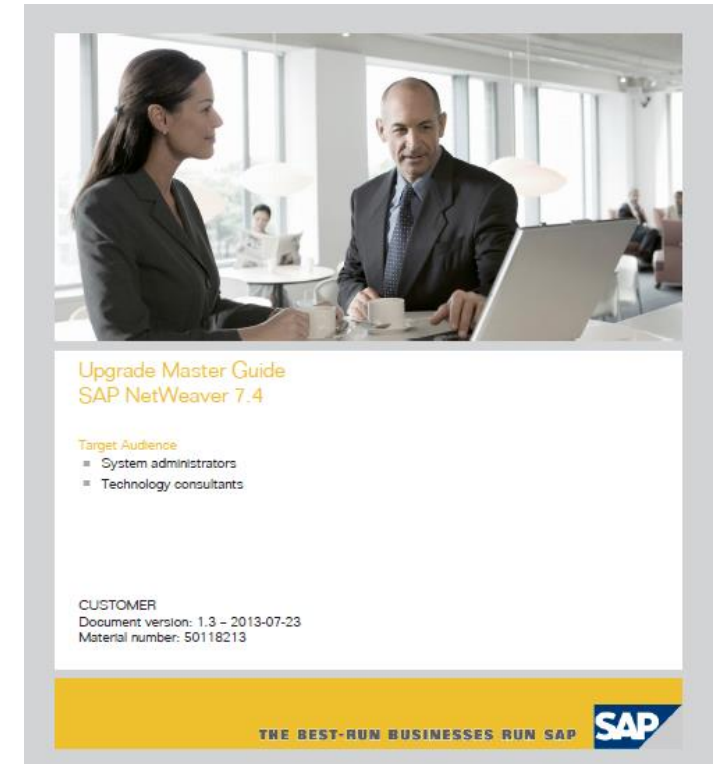
- Master Guide, Installation Guide, Upgrade Guide
- Release Notes, Functional Documentation
- SAP HANA DB migration guide

## Blogs

- Check upgrade blog for details and recommendations ([Blog](#))
- SAP NetWeaver 7.4 Landing page ([SCN](#))

## SAP Notes

- 1751237 Add. info about the update/upgrade to SAP NetWeaver 7.4
- 1850327 SP Equivalence for update/upgrade to SAP NW 7.4
- 1648480 Maintenance for SAP Business Suite 7 Software





# Summary

# Summary

## SAP Portal is a core component of SAP's UI Strategy

## SAP NetWeaver Portal 7.4 defines the new go-to-release for portal customers

SAP Portal portfolio offers a proven **user experience platform** leveraging SAP HANA platform, unifying access to business information, services and apps (SAP or 3<sup>rd</sup> party)

- **Mobile Portal**

End-to-end, personalized mobile entry point and user experience to quickly access content and applications (incl. SAP Fiori)

- **Enterprise Workspaces**

User productivity for individuals and teams

- **SAP Portal Site Management by OpenText**

Professional WCM for SAP Portal



# Top 10 next steps to broaden your SAP Portal expertise

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- 1) Join the SAP Portal community <http://scn.sap.com/community/netweaver-portal>
- 2) Follow us on Twitter [http://twitter.com/portal\\_sap](http://twitter.com/portal_sap)
- 3) Watch the demo videos & testimonials <http://www.youtube.com/user/SAPNetWeaverPortals>
- 4) Share your feedback and success story <http://www.facebook.com/SAPPortal>
- 5) Download further presentations <http://www.slideshare.net/SAPNetWeaverPortal>
- 6) Evaluate the trial software [SAP NetWeaver Portal 7.4](#) and [SAP HANA Cloud Portal](#)
- 7) Explore solutions on SAP Store <https://store.sap.com>
- 8) Sell your own solution <https://service.sap.com/partnerportal/products>
- 9) Check related road maps <http://service.sap.com/roadmap>
- 10) Check release notes & documentation <http://help.sap.com/netweaver>





# Recommended Portal Sessions @ SAP TechEd

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- POP105 SAP Portal Portfolio - Overview & Roadmap for Mobile and Cloud Scenarios
- POP205 SAP NetWeaver Portal 7.4 - What's new and recommendations for upgrade
- POP263 Experience SAP NetWeaver Portal 7.4 in Action
- POP206 SAP NetWeaver Portal Mobile Edition – Overview
- POP264 Experience the "Mobile Portal" in action
- POP208 Next generation content management in SAP NetWeaver Portal
- POP106 SAP HANA Cloud Portal Overview
- POP265 SAP HANA Cloud portal - in Action
- POP207 SAP HANA Cloud portal - Deep dive
- CD265 End-2-End Developer Experience with SAP HANA Cloud and SAPUI5
- POP209 Enrich your SAP HANA XS applications with UI Integration Services
- CD103 SAP HANA Native Application Development
- CD164 Building User Interfaces for SAP HANA Native Applications
- CD162 SAP HANA Native Development - XS Based Development

# Recommended Portal Sessions @ SAP TechEd

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- TEC149 SAP User Interface Strategy and Roadmap
- TEC100 SAP Technology Portfolio Road Map: Technology Investment Meets Your Needs
- TEC105 Update on SAP's Cloud Strategy – The Cloud is Business
- TEC200 SAP Technology Strategy
- TEC202 SAP HANA Road Map
- TEC203 SAP NetWeaver – Status and Outlook
- TEC106 Go into the Cloud with SAP HANA Cloud
- MOB117 Mobile Platform Design & Management Overview
- CD167 New UI theme designer
- ITM209 Business Continuity Overview

# Further Information

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## SAP Public Web

[scn.sap.com](http://scn.sap.com)

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

<http://scn.sap.com/community/netweaver-portal>

<https://experience.sap.com>

## SAP Education and Certification Opportunities

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

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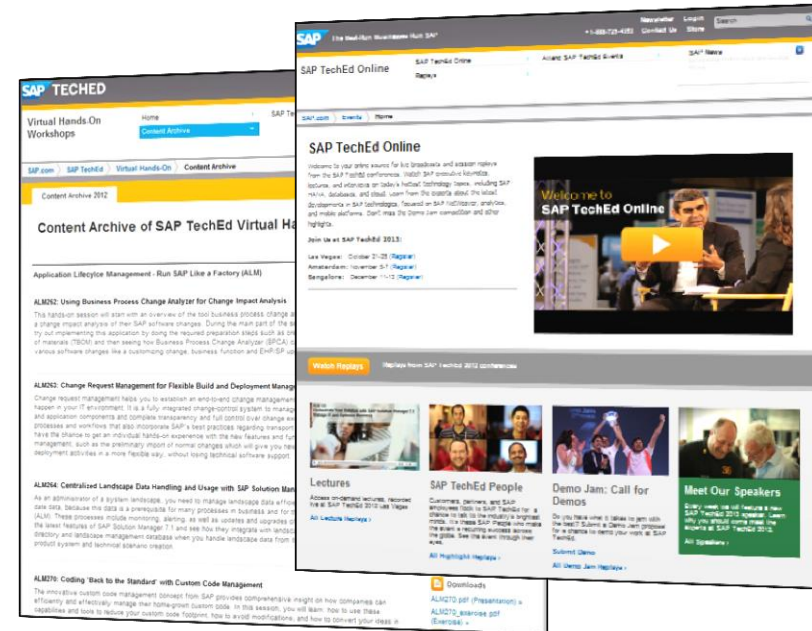
<http://saptechedhandson.sap.com/>



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- View content only available online

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