

SAP HANA Cloud Portal Overview and Scenarios

HERUG 2014 Conference - Montevideo
April 2014



Twitter: [@portal_sap](#) / [#hanacloudportal](#)

HERUG 2014 Conference – Event Website

- Event overview
- Information and Agenda
- Explore Montevideo
- Registration
- Twitter integration
- Community integration with SAP Jam

HERUG | Powered by SAP HANA Cloud Portal

HERUG 2014 Event | About HERUG | Explore Montevideo

HERUG 2014 Event

- Event Details
- Agenda
- Registration
- Registered delegates
- Accommodation

[Register Now >>](#)

Welcome to HERUG 2014 Event

The SAP Higher Education and Research User Group (HERUG) is a user group for all Education and/or Research Institution who are using SAP software in a productive environment. The HERUG conference provides its members with the opportunity to share experiences and to network with other SAP HER customers around the world.

Announcements

New ["Call For Presentations"](#) deadline is February 28th, 2014.

Registration is now open! Please complete the [REGISTRATION FORM](#) to participate

We are pleased to announce the ["Call For Presentations"](#) is now open! Please submit your abstract until February 14th!

[HERUG 2014 : Guidelines for Partners participation](#)

University of Montevideo

Founded in 1986, the Universidad de Montevideo (UM) is a non-profit organization committed to academic excellence, research, technological innovation, and social responsibility. Its main objective is to promote a culture of work and service through excellence in all academic endeavors.

The University offers undergraduate and postgraduate programs in the IEEM Business School, the School of Business Administration and Economics, the School of Communications, the School of Engineering, the Law School, the School of Humanities, and the Center for Biomedical Sciences.

The Universidad de Montevideo has grown to be nationally and internationally respected. Both in 2012 and 2013, the QS Latin American University Ranking rated it the top private university in Uruguay. UM students and graduates are in demand because of her high quality of education.

Tweets [Follow](#)

Cloud Computing

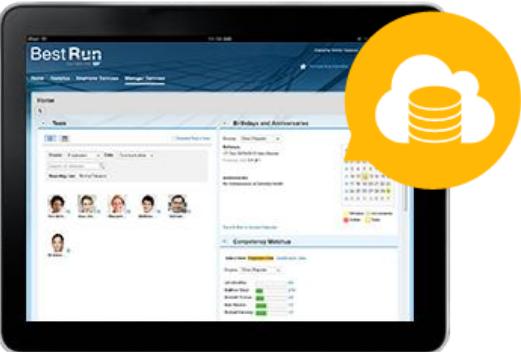


Website Deployment Options

On Premise



Hosted (Private Cloud)



On Demand (Public Cloud)



The benefits of Cloud Computing

Accelerate time-to-value and increase business agility



End user



Line of Business



IT Admin



Developer

- **Adopt** new solutions quickly
- **Easy access** via web browser: anytime, anywhere
- **Modern user experience:** Superior user experience delivered via modern user interfaces standards and methodologies

- **Focus on innovation** to drive business growth and competitive advantage
- **Reduce costs** from fixed cost structure to a flexible, scenario driven investment
- **Lower risk** with subscription based cost model
- **Go green** by lowering emissions and electricity

- **Reduce deployment time and hardware costs:** applications are located and managed remotely
- **Improve security** (ISO certification, audits) and protection

- **Develop** innovative cloud applications and extensions based on open standards
- **Leverage** and deliver modern user experience
- **Utilize** robust set of tools and standards
- Enjoy end-to-end lifecycle management process from development to deployment

Use SAP HANA Cloud Platform

To solve complex business problems



Persistence

service: speed of SAP HANA



Identity Management service



Connectivity service:
seamlessly integrate with
SAP and other systems



Remotely **monitor and
manage** apps via a web-
based account page



Document

Service: manage structured /
unstructured data



Mail Service: send
messages directly from
SAP HANA Cloud apps



SAP HANA Cloud Portal:
Build mobile ready websites
or mash-up SAP apps



Meta Data Framework:
quickly extend apps
without coding



SAP HANA Cloud Portal

“ “

The perfect portal offering would serve at once as a development and delivery platform for IT; as a means to engage employees, customers and partners for business influences and as a flexible environment for knowledge management and collaboration for end users

Gartner: “SAP HANA Cloud Portal is a Front End for SAP Innovation”, 2013



SAP HANA Cloud Portal

Front-end solution for easy site creation and consumption

Bringing applications, reports and unstructured content together in just few minutes

- Create your own site in minutes
- Simple drag & drop interface
- Easy site administration
- Flexible and easy branding and customization

Consumption on the road or at your desktop via a unique user experience

- Out of the box tablet, smartphones and mobile gestures support
- HTML5 and SAP UI5 based user interface

Supported browsers and devices:

https://help.hana.ondemand.com/cloud_portal/frameset.htm?fb21a6e7d3004e4d90b7c2b2dc404e96.html



Value Proposition

Accelerate time-to-value and increase agility

Fast



Build scalable and attractive cloud-based sites – **quickly** and **easily**

Open



Integrate existing content with custom widgets on an **open platform**

Connected



Securely integrate varied content retrieved from SAP and non-SAP sources

Powerful



Consume a range of **portal PaaS services** to create and configure your sites

Rich



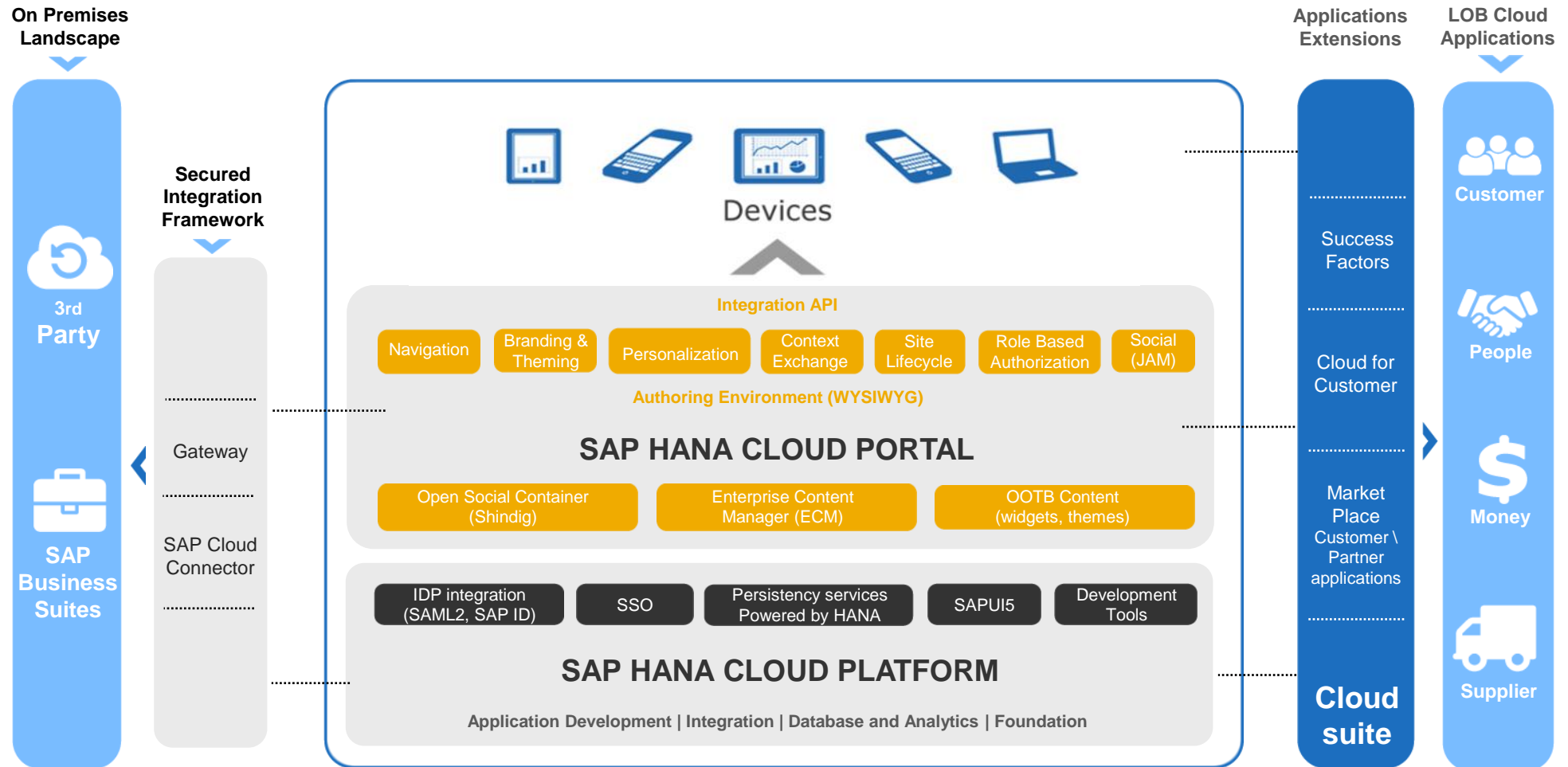
Design **branded sites**, supporting out-of-the-box **mobile** consumption and **social** experience



Cloud Portal Technology

SAP HANA Cloud Portal

High level architecture



SAP HANA Cloud Portal

Enabling standards & technologies



Design sites for mobile consumption using HTML5



Quickly brand and customize sites using LESS for flexible layout



Implement authentication and identity management using a reliable protocol



Connect to content management systems via an open protocol



Easily develop widgets based on OpenSocial features



Utilize a well-designed SAP standard compliant HTML5 UI library



Leverage APIs to develop custom extensions and widgets



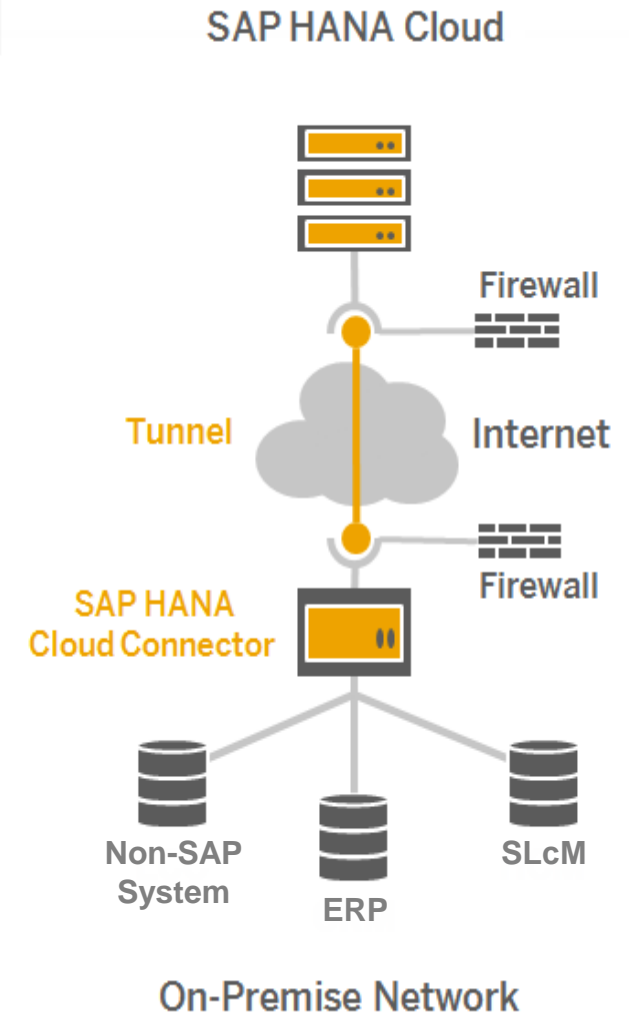
Take advantage of the power of SAP HANA in-memory computing



Run on the secure, enterprise-ready SAP HANA Cloud platform

Leveraging On-Premise Investments using Cloud Portal

- Access on premise by establishing a **secured tunnel** using SAP Cloud Connector (SCC)
- Consume **data services** based on rest API's or gateway services (oDATA)
- Enable **federated authentication** supporting the following methods:
 - ✓ SAP ID Service – “out-of-the-box” IdP in the Cloud
 - ✓ Your own IdP (e.g. in the corporate network)
- Delegation to a central service (IdP) enables **Single Sign-On (SSO)** between multiple Cloud applications
- Mature and proven **security standards** for integration with IdP



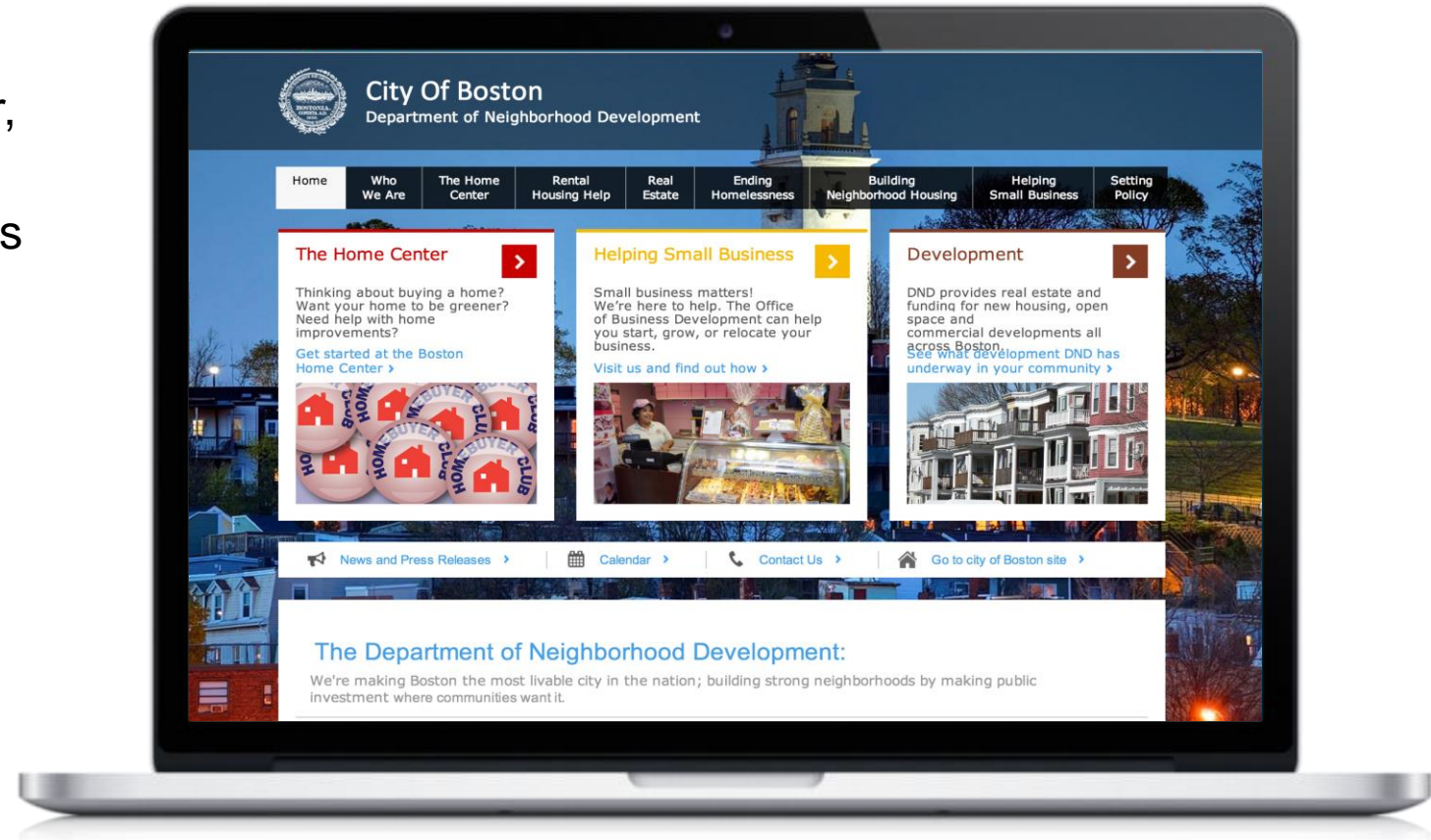


Cloud Portal Solutions



City of Boston – Department of Neighborhood Development

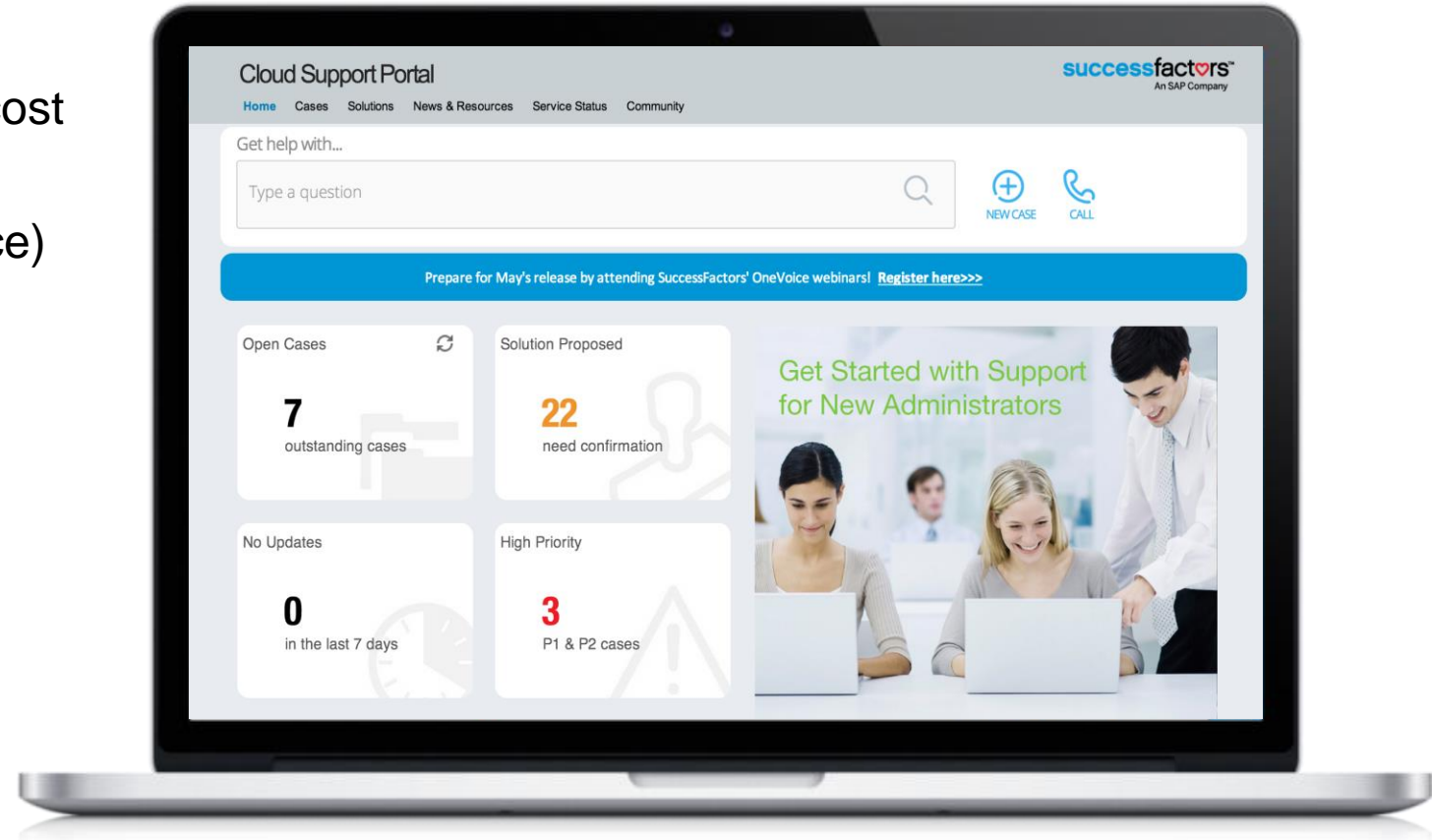
- Informational city portal
- Lightweight applications integration (calendar, news, press release)
- Variety of page templates and custom widgets
- Social links embedded in all pages



<https://dnd.cityofboston.gov>

Success Factors Support Site

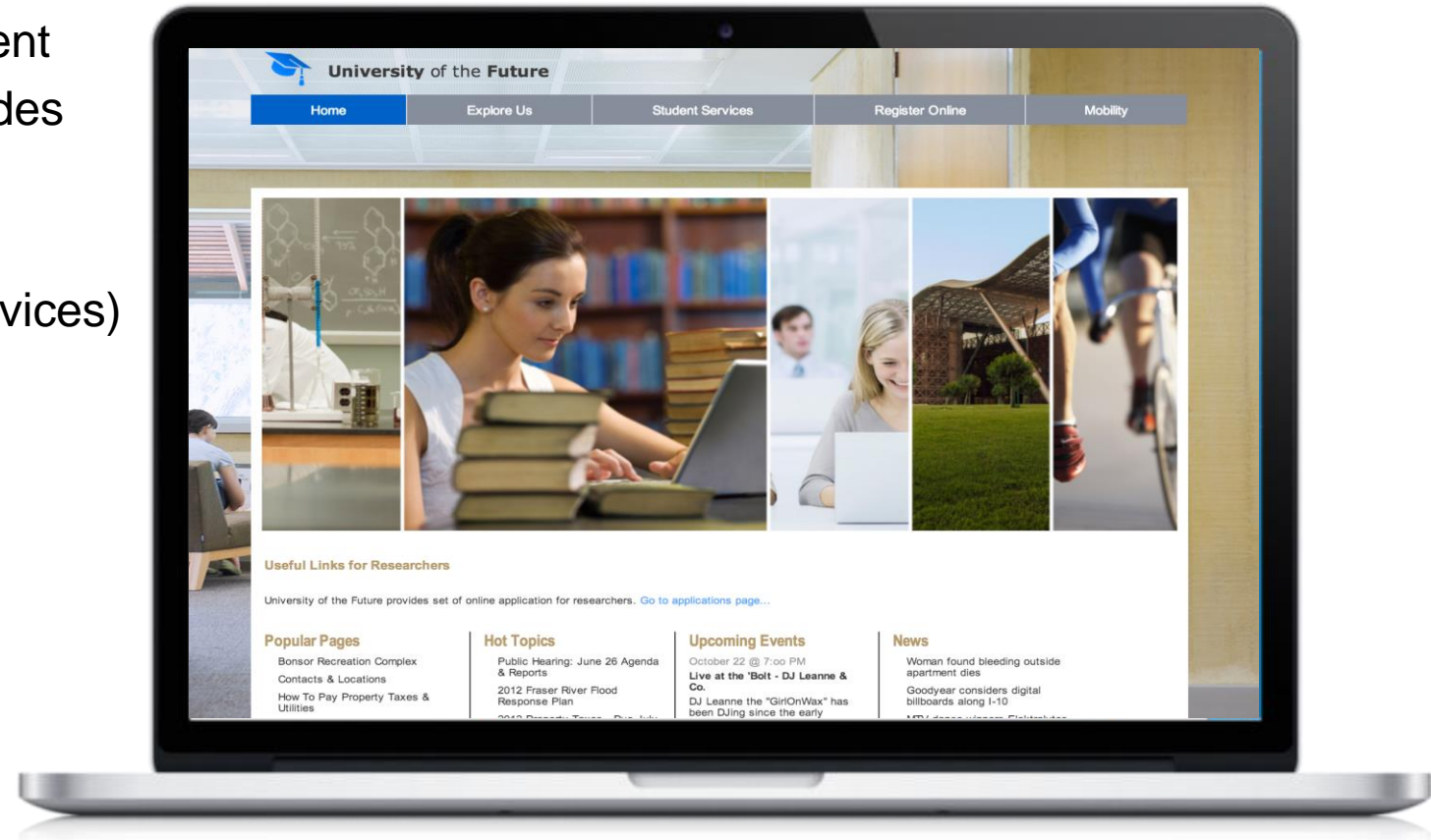
- Ticket and Incident Reporting
- Knowledge Management to reduce support cost
- Pixel perfect unique layout
- Multi channel ticket/incident (Cloud for Service)
- Social collaboration (SAP JAM)
- Real time message handling



<https://support.successfactors.com>

University of the Future

- Online campus, students lifecycle management
- Syllabus, lesson plans, reading material, grades
- Self service site management
- Social collaboration
- Document management (including mobile devices)
- Secured connections to backend systems
- Multi-device support



<https://cloudnwcportal-exp.hana.ondemand.com/universityfuture>



Additional Scenarios



Student Benefits & Perks (Student Associations)

- Exposing students and their friends and families to the benefits that the university provides them
- External users access using a variety of devices
- Unique editing capabilities for on-line updates and archiving
- Connecting to the university on-premise systems



Marketing and Campaigns

- External facing sites to attract many users
- Video streaming and photo gallery
- Useful links for additional materials
- Interactive 'Contact Us' form connected to a backend system
- RSS feed for news or messages
- Social links embedded in all pages
- Consume on a desktop and mobile





Summary



Summary

- SAP HANA Cloud Portal provides quick and easy creation of appealing custom branded web sites
- Cloud Portal enables you to securely extend the reach of your existing applications to the cloud, leveraging existing investments
- Cloud Portal offers extensive features supporting multiple online services and activities

Get your **free trial**
up and running
within 5 minutes



SAP HANA Cloud Portal Resources

Cloud Portal Demo Kit:

<http://tiny.cc/cpdemokit>

Cloud Portal Developer Guide:

<http://tiny.cc/CPDevGuide>

Cloud Portal YouTube Playlist:

<http://tiny.cc/cp-youtube>

Cloud Portal Learning Center

<http://scn.sap.com/docs/DOC-49421>

Cloud Portal Community:

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

Cloud Portal on SAP Store:

<http://tiny.cc/cp-store>





Thank you

For more details, visit our website at:
<http://tiny.cc/CloudPortal>

