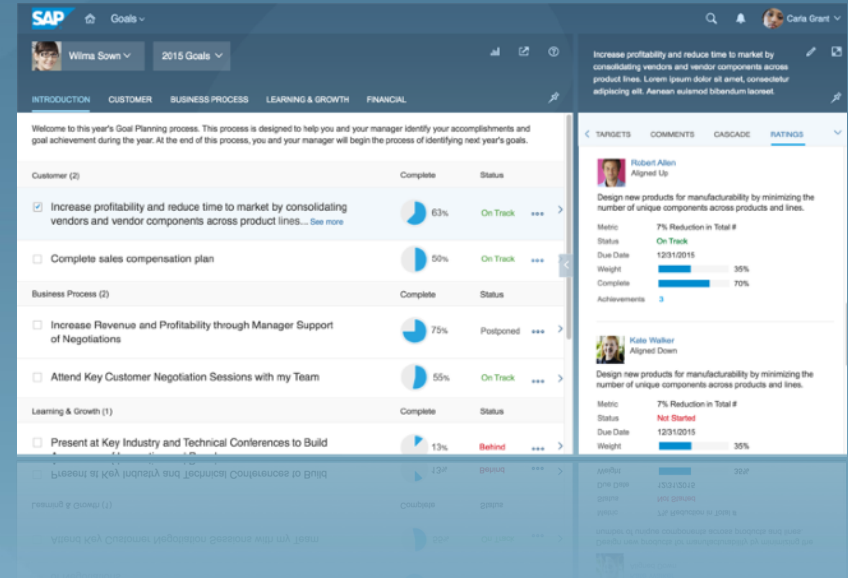
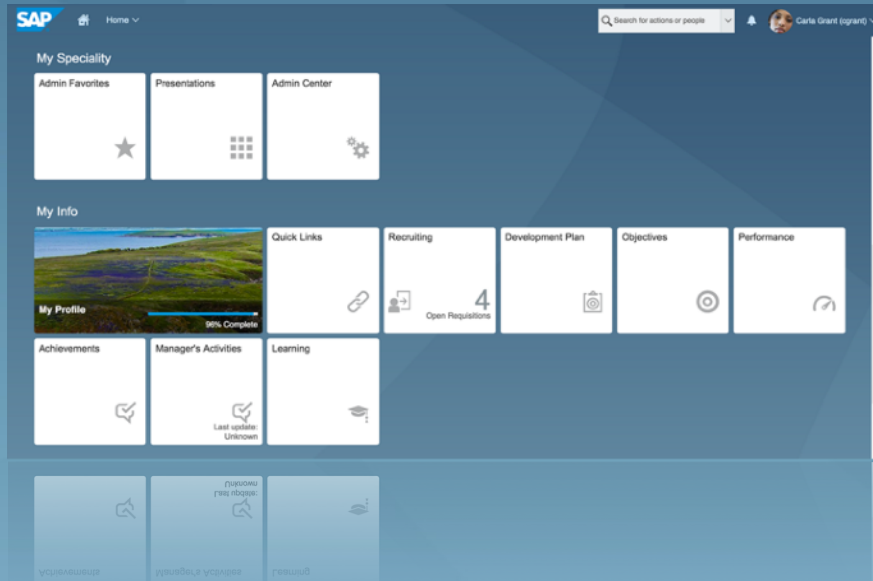


EXPLORING ADOPTION OF FIORI 2.0 FOR SAP SUCCESSFACTORS

Michael Almond, SAP SuccessFactors - January 2016

Fiori 2.0 introduces many new interactive features as well as an updated visual design using the Belize theme, which succeeds “Blue Crystal”. This document explores several possibilities for the SuccessFactors suite for new UI5 applications, controls, pages, and themes.



Belize is the new Visual Design Language for SAP Fiori

New Visual Design

- Belize Themes in Light & Dark Flavors
- Color Palettes
- Updated Iconography & Typography

New Page layouts

- Merged Application Header & Shell Bar
- Flexible Column Layout

New Features

- Viewport
- Me Area
- Homepage Anchor Navigation

“Belize Light-Flavor” is the Default Theme

SAP Fiori 2.0 Documentation: “The default flavor for Belize is the light version. It fulfills the minimum color contrast ratios, and serves both the reinvented Fiori 2.0 design and visually harmonized classic UIs - making them visually connected.”

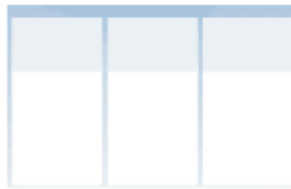
Light flavor as default



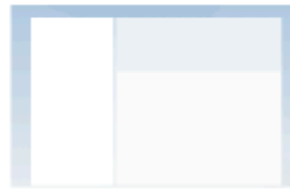
Fiori Home



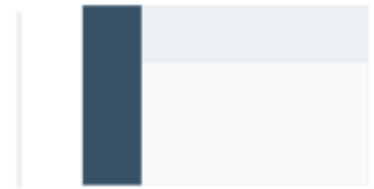
Full screen app



Flexible Layout



Master/detail



Tools with left hand navigation



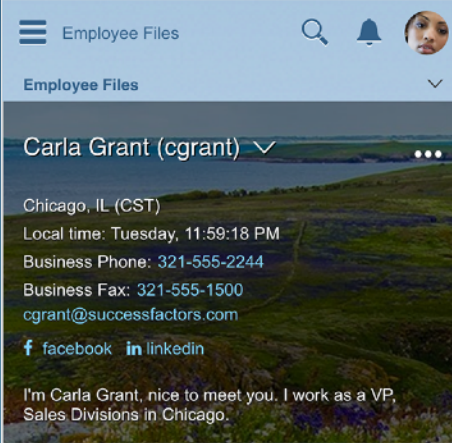
Overview Page



Co-pilot

Belize is the new Visual Design Language for SAP Fiori

Possible SF Response: SAP is calling the light and dark version of Belize theme “Flavors”. It would be fairly easy to update the visual language of the UI to a Belize experience because our Theming tool is both powerful and flexible. In fact, we already have exploratory Belize Themes which include new color palettes and page backgrounds, among other updates. Screenshots follow in the next few pages.



The screenshot shows a SAP Fiori 'Employee Files' card. The header has a hamburger menu, the title 'Employee Files', a search icon, a notification bell, and a user profile picture. Below the header, the card title 'Employee Files' is followed by a dropdown arrow. The main content area features a profile card for 'Carla Grant (cgrant)' with a dropdown arrow and a three-dot menu. The profile card includes a background image of a field, contact information (Chicago, IL, local time, business phone/fax, email), social media links for Facebook and LinkedIn, and a bio. Below the profile card is a section titled 'PERSONAL INFORMATION' with a dropdown arrow. Under this section is the 'National ID Information' area, which includes a 'National' label with a lock icon and an 'Edit National' link. The 'Rating Label' is 'Substantially Exceeds Expectations', and the 'Start Date' is 'Oct 8, 2015'. The 'End Date' field is empty.

Employee Files

Employee Files

Carla Grant (cgrant)

Chicago, IL (CST)
Local time: Tuesday, 11:59:18 PM
Business Phone: 321-555-2244
Business Fax: 321-555-1500
cgrant@successfactors.com

facebook linkedin

I'm Carla Grant, nice to meet you. I work as a VP, Sales Divisions in Chicago.

PERSONAL INFORMATION

National ID Information

National ⓘ ✎ Edit National

Rating Label

Substantially Exceeds Expectations

Start Date

Oct 8, 2015

End Date



My Speciality

Admin Favorites



Presentations



Admin Center



My Info



Quick Links



Recruiting



4

Open Requisitions

Development Plan



Objectives



Performance



Achievements



Manager's Activities

Last update:
Unknown

Learning



Search Org Chart

Up One Level

80%



Carla Grant

6/25

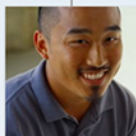


Jennifer Lo



Marcus Hoff

3/3



Richard Maxx

4/4



Sid Mormony

3/7



Vic Stokes

2/2



Wilma Sown

3/3



Rhonda Lam



Sudarsan Desikan



Henry Fitch



John Groce



Carla Grant ▾

2011 Objectives ▾

≡ Cascade

+ Add New

👁 Display



Displaying 1–8 of 8 Objectives

Customer

Visibility Objective Last Modified Type ↑ Metric Link Data Actual Weight Status Complete Start Date Due Date Action



Public

Ensure 50% of total revenue comes from products developed in last 3 years [Edit](#)

10/02/2015

Add

\$60M in revenue from new targets

 10.0%

On Track

 70.0%

01/01/2013

12/31/2014



Milestones:

Milestone	Start	Due	% Complete
Release number one	01/09/2014	06/26/2014	<div><div></div></div> 20.0%



Goal aligned down to Robert Allen:
[Cascading this goal as a test.](#)

01/26/2016

Add



Goal aligned down to Alexander Thompson:
[This is a test objective.a](#)

06/01/2014

Add



Goal aligned down to Darlene Sharp:
[This is a test objective.a](#)

06/01/2014

Add



Goal aligned down to Brett Colbert:
[This is a test objective.a](#)

06/01/2014

Add



Goal aligned down to Carrie Henderson:
[This is a test objective.a](#)

06/01/2014

Add

“Belize Dark Flavor” via Global Switch

SAP Fiori 2.0 Documentation: “In addition to the default light flavor, Belize offers a dark flavor from the same color palette. With a darker Launchpad and header background, the dark flavor offers richer contrast and depth on the UI. Users can choose the dark flavor in the user settings.”

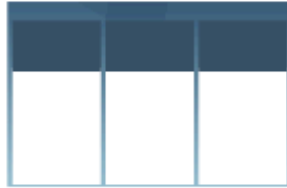
Dark flavor via global switch - user settings ⚙



Fiori Home



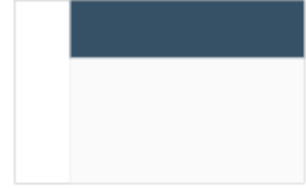
Full screen app



Flexible Layout



Master/detail



Tools with left hand navigation



Overview Page



Co-pilot

“Belize Dark Flavor”

Possible SF Response: We don’t give users the option to change themes themselves except in the case of the High Contrast themes option on the Accessibility Settings page. However, like the light version of Belize, we have already an exploratory theme for the dark flavor. Screenshots follow in the next few pages.

The screenshot displays a web application interface titled "Employee Files". At the top right, there are icons for search, notifications, and a user profile. Below the header, a section titled "Employee Files" contains a profile card for "Carla Grant (cgrant)". The card features a background image of a field and includes the following information: "Chicago, IL (CST)", "Local time: Wednesday, 12:17:48 AM", "Business Phone: 321-555-2244", "Business Fax: 321-555-1500", and "cgrant@successfactors.com". Social media links for Facebook and LinkedIn are also present. A bio states: "I'm Carla Grant, nice to meet you. I work as a VP, Sales Divisions in Chicago." Below the profile card, a tab labeled "PERSONAL INFORMATION" is selected, showing "National ID Information". Under this heading, the word "National" is displayed with a circular icon and an "Edit National" link. The "Rating Label" is "Substantially Exceeds Expectations", and the "Start Date" is "Oct 8, 2015".

Employee Files

Employee Files

Carla Grant (cgrant)

Chicago, IL (CST)

Local time: Wednesday, 12:17:48 AM

Business Phone: 321-555-2244

Business Fax: 321-555-1500

cgrant@successfactors.com

facebook linkedin

I'm Carla Grant, nice to meet you. I work as a VP, Sales Divisions in Chicago.

PERSONAL INFORMATION

National ID Information

National [Edit National](#)

Rating Label

Substantially Exceeds Expectations

Start Date

Oct 8, 2015

My Speciality

Admin Favorites



Presentations



Admin Center



My Info



Quick Links



Recruiting



4

Open Requisitions

Development Plan



Objectives



Performance



Achievements



Manager's Activities

Last update:
Unknown

Learning





Search Org Chart

^ Up One Level

- 80% +



Carla Grant

6/25

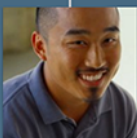


Jennifer Lo



Marcus Hoff

3/3



Richard Maxx

4/4



Sid Mormony

3/7



Vic Stokes

2/2



Wilma Sown

3/3



Harry Wilson



James Reed



Judy Hoffman



Rhonda Lam



Sudarsan Desikan



Thomas Clark



Henry Fitch



John Groce



William Carver



Displaying 1–8 of 8 Objectives

Customer

[illegible]

Iconography

From SAP Fiori 2.0 Documentation: Fiori icons are being overhauled. Consistent perceived sizes, thinner strokes, less boxy style, balance between lined vs filled-in icons.



Iconography

SF Response: The **SAP Icon** font is updated automatically, so pages that use them will update automatically to version 3.5 in the 1611 release (because they are bundled with the latest version of UI5-which for SF is version 1.38). If we choose to update the **SF Supplemental Icon Font**, we will have to do this ourselves. This would be a very time consuming project (but this is the case regardless of which version of Fiori we are using). For this reason, it is recommended to try and use only **SAP Icon** font wherever possible.

The default color of the SAP Icons has been updated in the new Fiori 2.0 / Belize theming. We have not decided what to do about this yet in the SF Suite. One possibility is to make the icon color theme-able, which they are currently not except for icons in the Global Header.

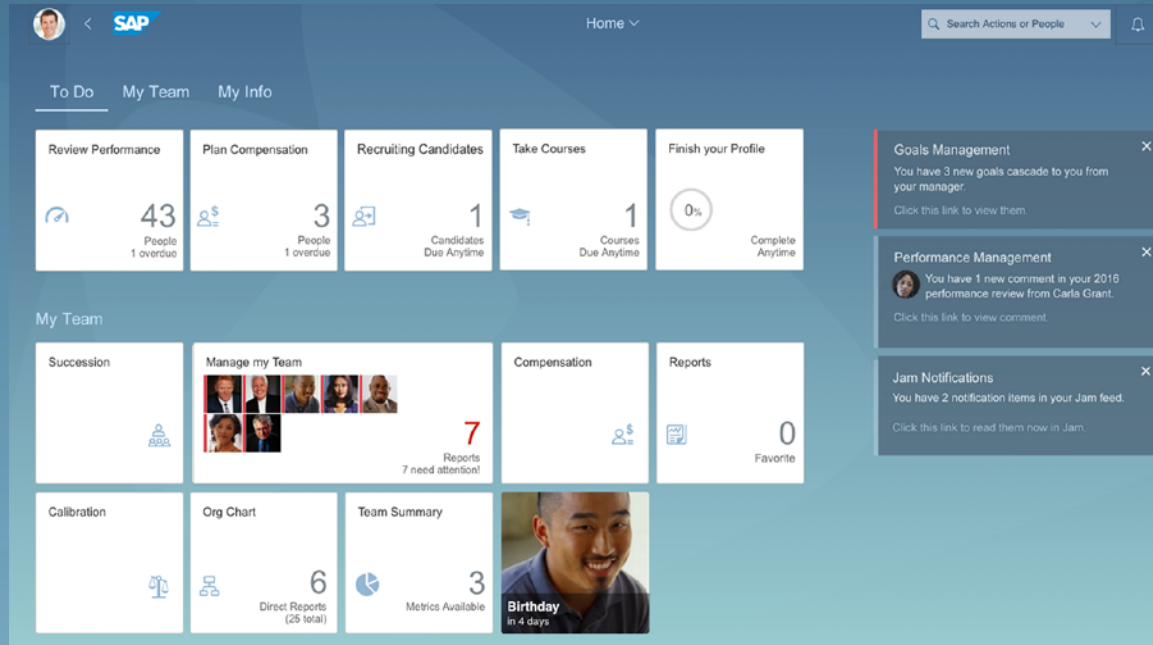
Page Background

SAP Fiori 2.0 Documentation: “Belize themes include either a dark or light background that consists of abstract shapes. There are a few options including: Slowly evolving shape + Shape animation as transition (preferred) Random SVG pattern creation or Static PNG (fallback).”



Page Background

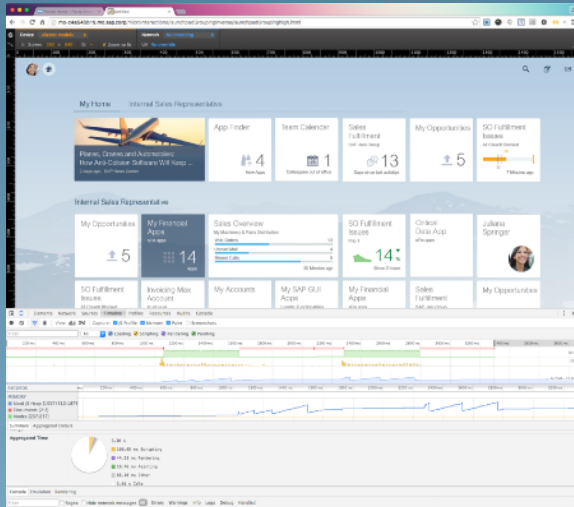
Possible SF Response: We already have static PNG background images in place in the exploratory Belize Themes. We could explore the use of the animated evolving shapes used as transitions as a proof of concept with minimal resources.



Animations & Micro-interactions

SAP Fiori 2.0 Documentation: “Animations and Micro-interactions are being added to make the Fiori user experience richer.”

Possible SF Response: For legacy content, perhaps there are modifications that could be made to common components such as buttons and icons that would include animation or micro-interactions. However, a more realistic approach is to focus on new designs built in UI5.



V11 & V12 Common Controls

Fortunately, the UI5 common components used in Fiori 2.0 aren't that different from Fiori 1.0. Mostly the changes are limited to the addition of new components or changes in color from use of the Belize Theme. Therefore, our Fiori-Style JUIC V11 and V12 Common Components might not require any manual updating other than updating to the Belize Theme.

However, there are many new UI5 components and controls that would benefit new SF pages built in UI5. Here's a link to SAP UI5 Explored: <http://veui5infra.dhcp.wdf.sap.corp:8080/sapui5-sdk-dist/>

It has been updated to the Belize Theme – Light Flavor, btw. This is an indication of how fast SAP is moving to launch Fiori 2.0.

Viewport

SAP Fiori 2.0 Documentation: “The viewport virtually enlarges the users screen in a flexible way. It keeps the main work area clear and uncluttered, while still having all important functions available from every screen. The viewport provides easy access to the Me Area and the Notifications.”

Me-Area

Replacing former shell header menu
Shows recent activities now

Anchor bar navigation

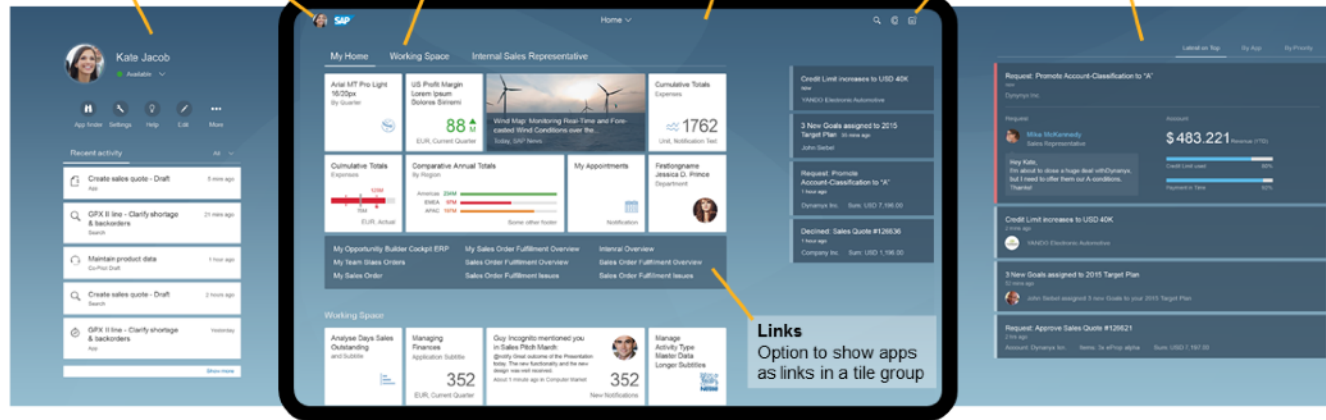
Replacing group menu

Shell header

Revised, launching notification and me-area viewports and Co-Pilot window.
Provides navigation menu when app is launched by clicking on title

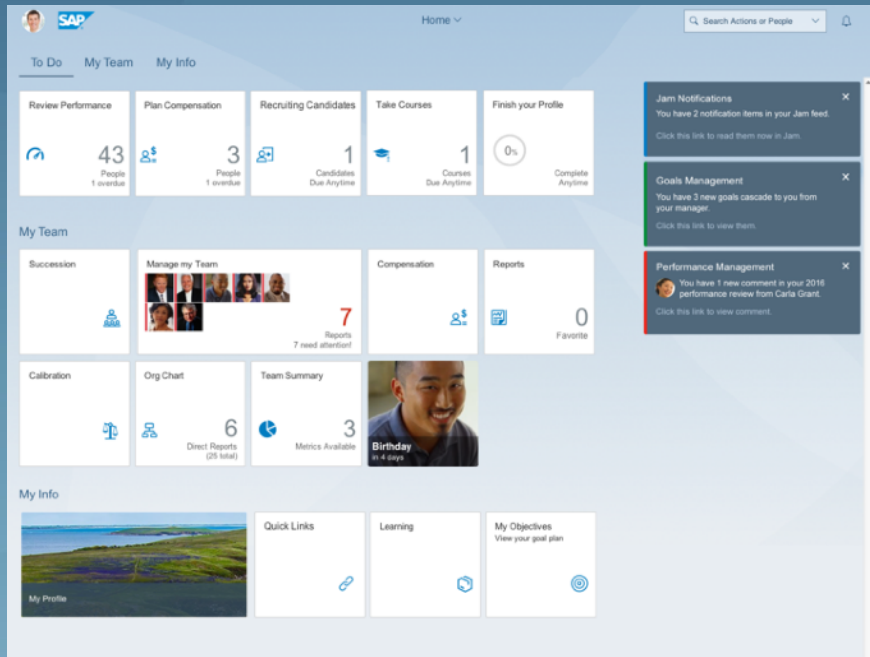
Notifications

Shown in separate viewport
that opens on clicking respective icon in shell header



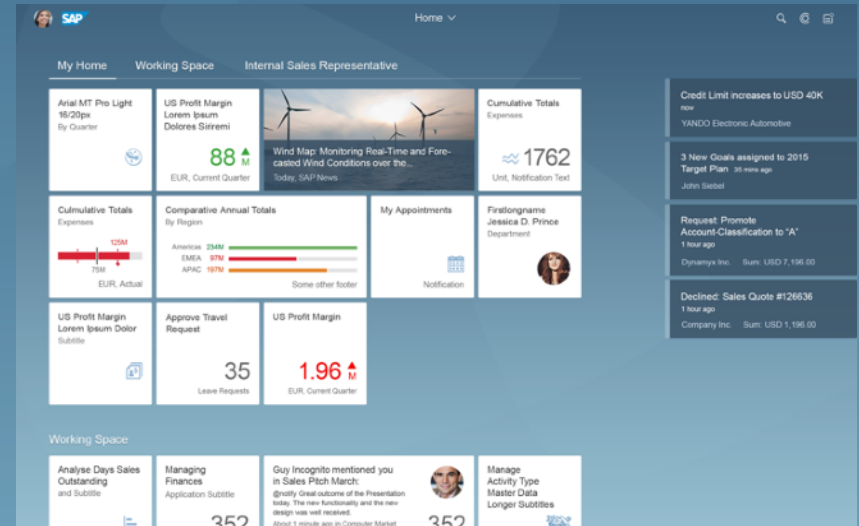
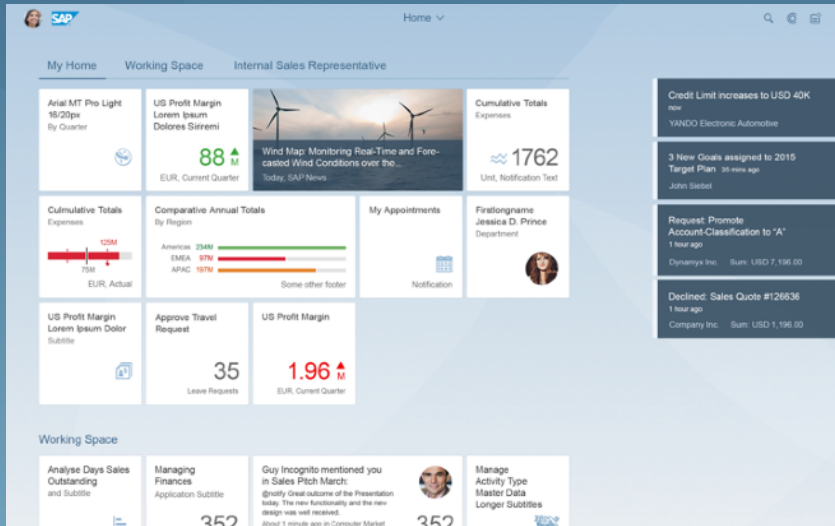
Viewport

Possible SF Response: Adopting the Fiori 2.0 Viewport would require significant effort due to the differences in layout, interaction and content compared to the current Launchpad. However, adoption would allow us to take advantage of Fiori 2.0 Features such as the Merged Global & App Header, the new Notifications panel, the Me Area and more.



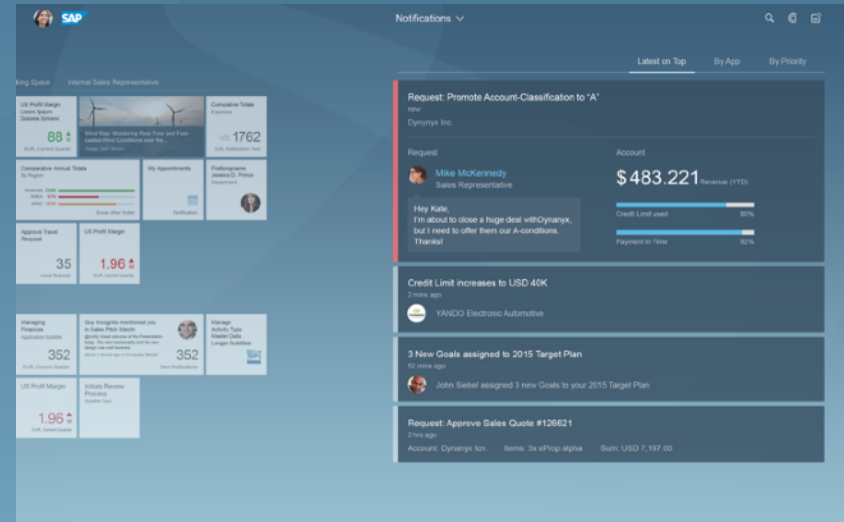
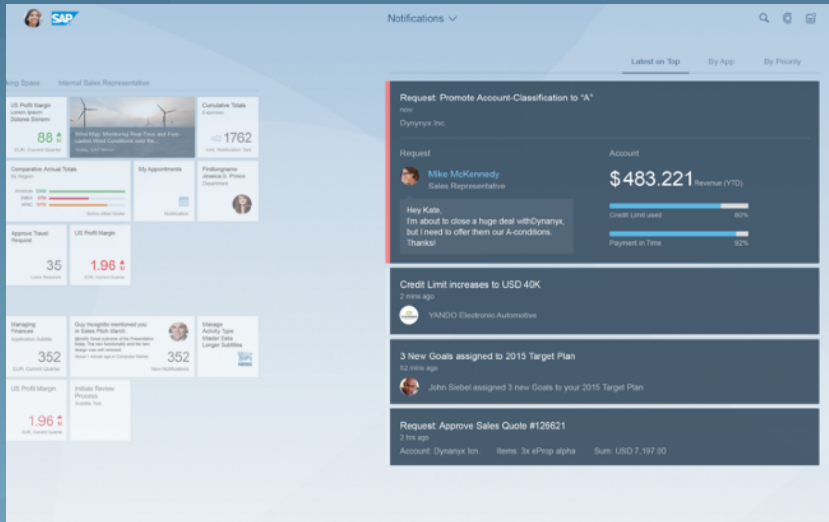
Viewport: Home Page Anchor Menu

SAP Fiori 2.0 Documentation: “The Homepage is the central entry point to the users applications. An Anchor Navigation provides easy and quick access to the different groups the users apps are organized in



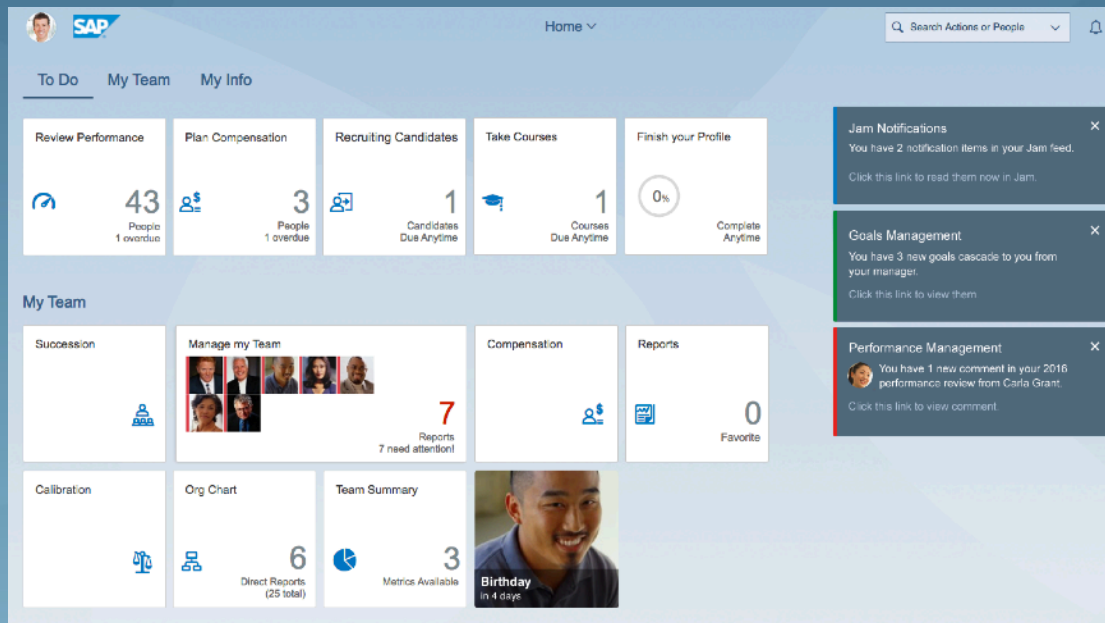
Viewport: Notifications

SAP Fiori 2.0 Documentation: “The Notifications support the user in keeping track of important events, they keep him always up to date without distracting him from his current task. The notifications not only inform the user about the latest events, they as well allow him to directly act on them by providing direct actions or navigation to the source of the notification.”



Viewport: Notifications

Possible SF Response: Adopting this approach would change the Home page significantly. Our current Notifications panel slides into view when the user clicks the Notifications icon in the Global Header. Fiori 2.0 displays them by default in the Viewport, though they are smaller. When the Notifications icon is clicked in the Shell Bar on any page, the panel moves into the middle of the frame and grows. It is then the dominant focal point on screen.



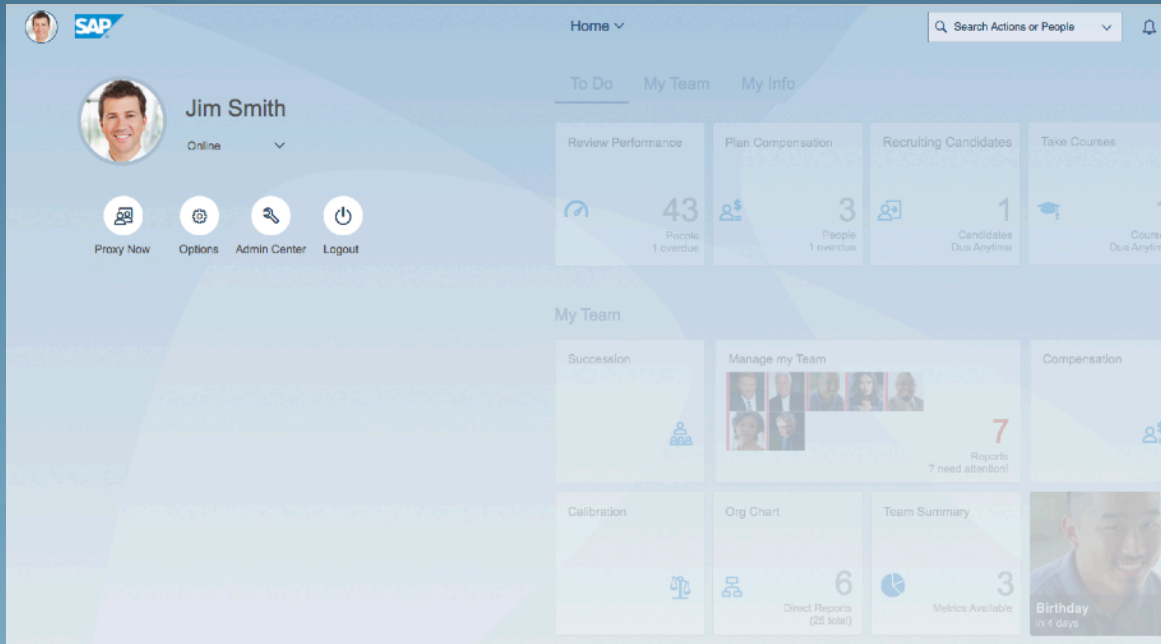
Viewport: Me Area

SAP Fiori 2.0 Documentation: “The Me Area allows the user to access his settings, preferences and secondary shell functions such as the App finder, personalization features etc. It provides an online status switch to work in privacy or be available for collaboration with others. The Me Area in addition can provide access to the recent activities, providing a short cut to tasks he needs to continue working on.”



Viewport: Me Area

Possible SF Response: Adopting this approach would require use of the Viewport. It also would require an update to the Global Header because the Control that launches the Me Area is located on the left side of the page. Our equivalent is the Employee Account Navigation Menu. Like the Notification Panel, the Me Area moves into the Viewport when the user clicks the Employee photo in the Shell Bar where it becomes the dominant focal point screen.



Global Settings

SAP Fiori 2.0 Documentation: “The Global Settings are always accessible and allow the user to change overall and app specific settings from a central point.”

Settings

GENERAL

User Account
Kate Jacob

Appearance
Light | UI Animations: ON | ...

Language and Region
English (UK) | Time Format: 12h

Profiling
ON | Personalized Search

Default Values
Plant X: 040 | Plant Y: 061 | ...


APPS

Catalog Apps
130

Abap HR Value Transfer
HR

Bebop HR Value Transfer

User Account

**Kate Jacob**
User Experience Designer

Functional Area: HR EMEA SOUTH
Org Unit: RE-ZUE-HR.4.2
Manager: Matthieu Flaubert

ACCOUNT INFORMATION

User ID:

Password:

User Name:

Initials:

Nickname:

CONTACT DETAILS

Mobile: +41 10741 35 46

Phone: +41 11 223-4389

Fax: +41 11 223-4300

Email:

Office Location:

OK Cancel

Settings

GENERAL

User Account
Kate Jacob

Appearance
Light | UI Animations: ON | ...

Language and Region
English (UK) | Time Format: 12h

Profiling
ON | Personalized Search

Default Values
Plant X: 040 | Plant Y: 061 | ...


APPS

Catalog Apps
130

Abap HR Value Transfer
HR

Bebop HR Value Transfer

User Account

**Kate Jacob**
User Experience Designer

Functional Area: HR EMEA SOUTH
Org Unit: RE-ZUE-HR.4.2
Manager: Matthieu Flaubert

ACCOUNT INFORMATION

User ID:

Password:

User Name:

Initials:

Nickname:

CONTACT DETAILS

Mobile: +41 10741 35 46

Phone: +41 11 223-4389

Fax: +41 11 223-4300

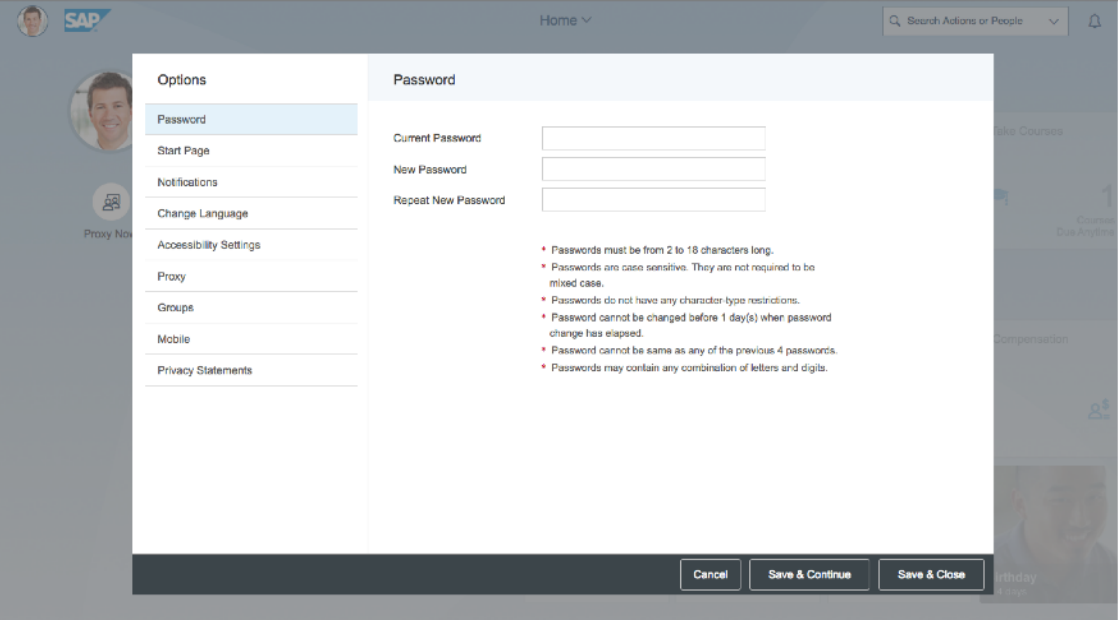
Email:

Office Location:

OK Cancel

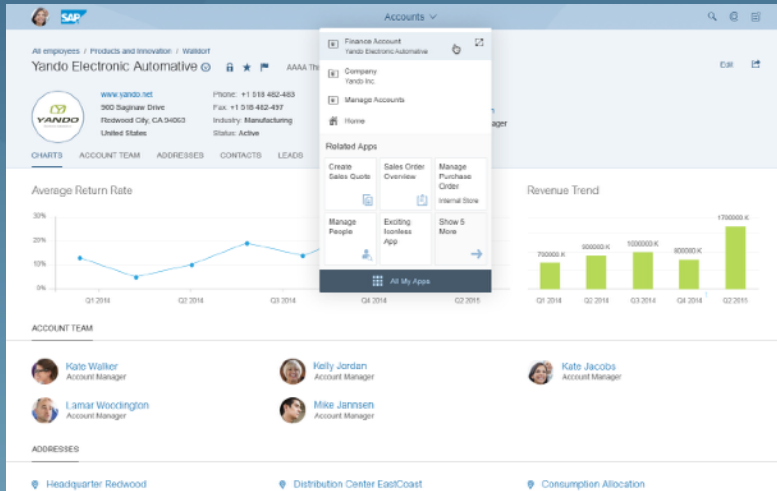
Global Settings

Possible SF Response: SF Options are the equivalent to Global Settings. We have been discussing the advantages of putting the Options pages and into a modal window for some time. It would allow the user to stay on the same page and access Options without having to navigate away. In addition, the current navigation doesn't make any sense because it places the Options pages in the “Home” module, yet it isn't in the Module Picker menu.



Viewport: Navigation Menu

SAP Fiori 2.0 Documentation: “The navigation menu provides the user with a quick way to browse the hierarchical structure of the applications. Additionally applications related to the current application are listed to enable quick access.”

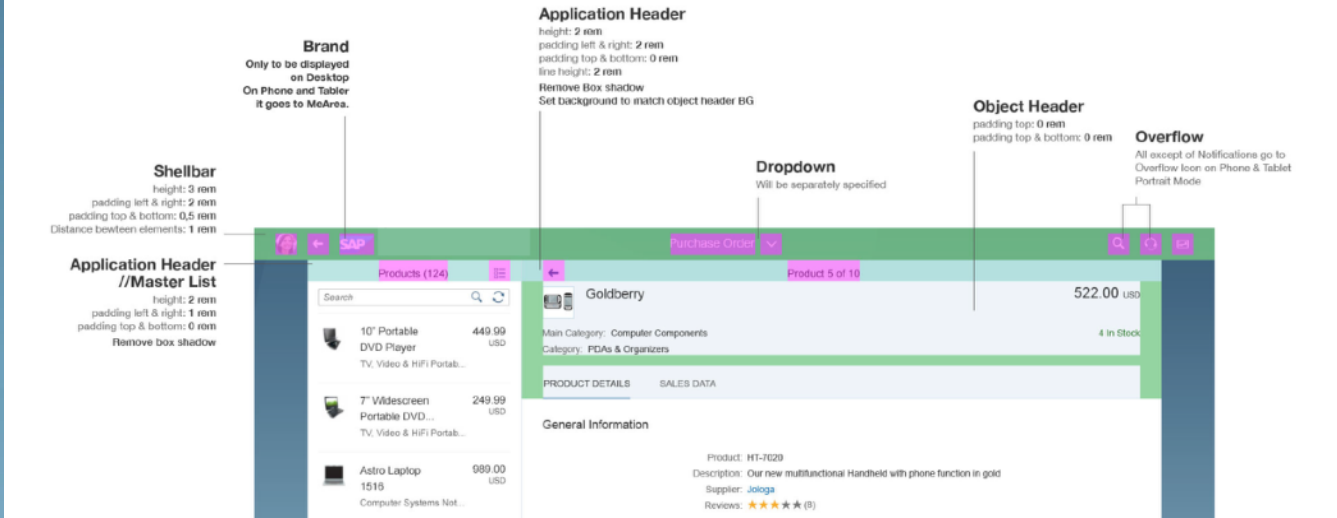


Possible SF Response: See Viewport

Merged Shell & Application Header

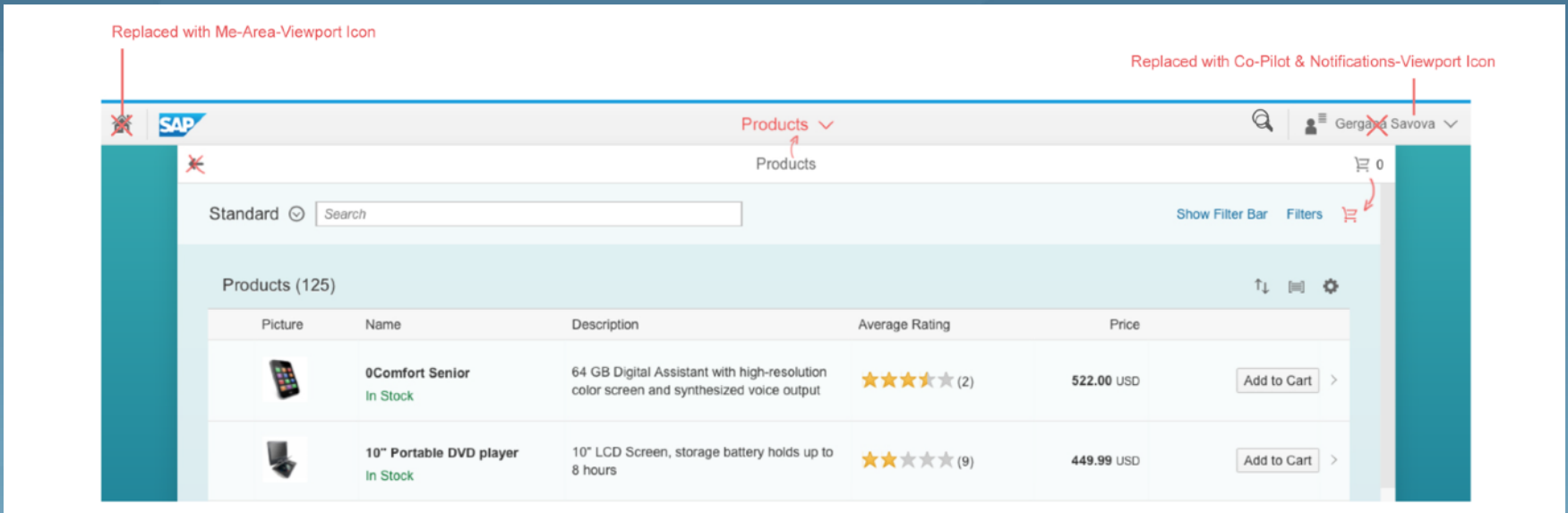
SAP Fiori 2.0 Documentation: “The new Shell Header comprises the former application header and shell header. With that the user always knows where he is, without wasting additional vertical space. From here the user has access to the navigation menu.”

1.0 Application Header in Fiori 2.0



Merged Shell & Application Header

Possible SF Response: There is an effort well underway at SAP called Visual Harmonization, which has the goal of updating classic SAP UIs to a “Fiori 2.0 Belize Experience”. This is similar to the Fiori-Style and UI Consistency projects in that it is addressing legacy content, not new UI5 products.



Merged Shell & Application Header

Possible SF Response2: Our version of the Shell Bar is the Global Header. Adopting this approach would require significant resources from UI Commons (and use of the Viewport?). However, it would solve the problems we have with the Application Header navigation (which is what it was intended to do). The back arrow is apparently optional. If used, it only appears when the user has navigated to a second level page or screen.



Home ▾

🔍 Search Actions or People ▾



Goals ▾

🔍 Search Actions or People ▾



[HTML Protoype of Exploratory Fiori 2.0 Launchpad for SF Suite](#)

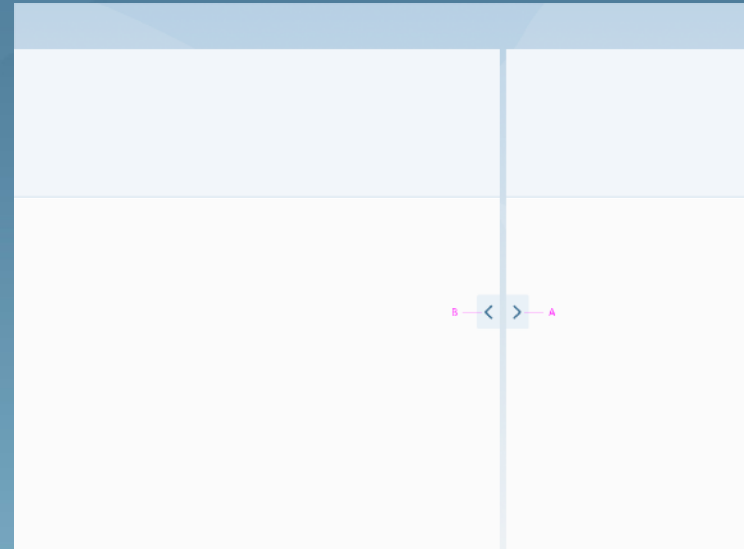
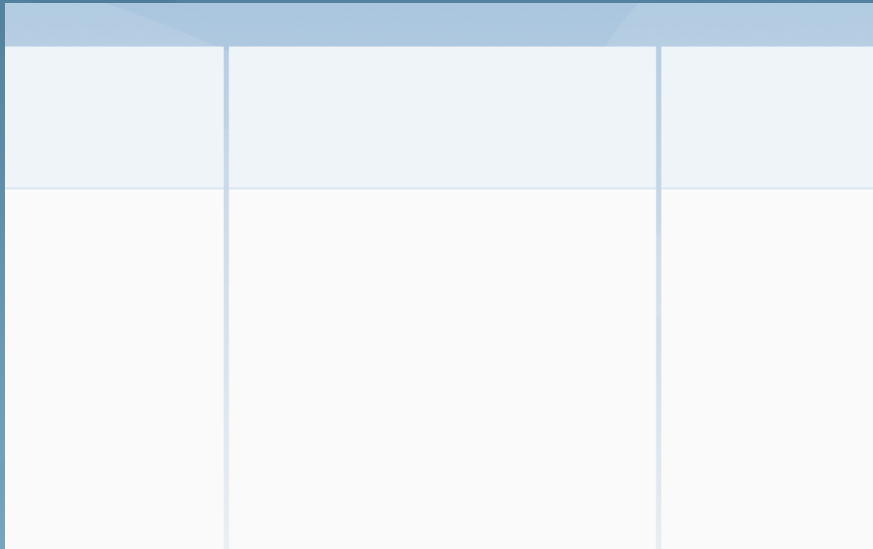
Password is sfux

Set your browser to 1440px by 900px

[Video of Prototype of Exploratory Fiori 2.0 Launchpad for SF Suite](#)

Fiori Elements: Flexible Column Layout

SAP Fiori 2.0 Documentation: “The flexible layout will combine what was formerly known as full-screen and split-screen layout. The flexible layout comes with the option to show a preview of one area and a larger view on the area that is currently in focus. Applications and users can flexibly switch between the full-screen and split-screen dependent on their use case.”



Fiori Elements: Flexible Column Layout

Possible SF Response: Page layout updates to legacy content would be very time consuming (and unnecessary). However, for new UI5 pages & applications, the Flexible Column Layout would be beneficial. Combining different types of floor-plans into one screen view would result in less navigating between modules & products in favor of a more seamless, comprehensive User Experience.

The screenshot displays the SAP Fiori Elements 'Goal Planning' application. The interface features a top navigation bar with the SAP logo, a home icon, and a 'Goals' dropdown menu. Below this, a user profile section shows 'Wilma Sown' and '2015 Goals'. A horizontal menu bar contains categories: INTRODUCTION, CUSTOMER, BUSINESS PROCESS, LEARNING & GROWTH, and FINANCIAL. The main content area is divided into two columns. The left column, titled 'Welcome to this year's Goal Planning process...', lists goals under four categories: Customer (2), Business Process (2), Learning & Growth (1), and Financial (1). Each goal entry includes a checkbox, a description, a progress indicator (a circular gauge showing a percentage), and a status (e.g., 'On Track', 'Postponed', 'Behind'). The right column, titled 'Increase profitability and reduce time to market by consolidating vendors and vendor components across product lines...', contains a list of alerts, tasks, milestones, and targets. The 'TASKS' section is currently active, showing a table with columns for 'Task' and 'Start'. The 'MILESTONES' section shows a table with columns for 'Milestone', 'Start', and 'Due'.

Customer (2)	Complete	Status
<input checked="" type="checkbox"/> Increase profitability and reduce time to market by consolidating vendors and vendor components across product lines... See more	63%	On Track
<input type="checkbox"/> Complete sales compensation plan	50%	On Track

Business Process (2)	Complete	Status
<input type="checkbox"/> Increase Revenue and Profitability through Manager Support of Negotiations	75%	Postponed
<input type="checkbox"/> Attend Key Customer Negotiation Sessions with my Team	55%	On Track

Learning & Growth (1)	Complete	Status
<input type="checkbox"/> Present at Key Industry and Technical Conferences to Build	13%	Behind

Task	Start
Task Description default test 1	12/31/2014
Task Description 2	

Milestone	Start	Due
Description 1	12/31/2014	12/31/2015
Description 2	12/31/2014	12/31/2015

Fiori Elements: Flexible Column Layout

The links below are to an exploratory design for the Goals Management module using the Flexible Column Layout.

[Exploratory Prototype of Flexible Column Layout applied to Goals Plan](#)

Password is sfux

Set your browser to 1440px by 900px

[Video of Exploratory Prototype of Goals Plan using Flexible Column Layout](#)

The screenshot displays the SAP Fiori Elements Goals Management interface. The top navigation bar includes the SAP logo, a home icon, a 'Goals' dropdown, and a user profile for 'Carla Grant'. Below the navigation bar, there's a section for 'Wilma Sown' and '2015 Goals'. The main content area is divided into two columns. The left column contains a list of goals categorized by 'Customer (2)', 'Business Process (2)', and 'Learning & Growth (1)'. Each goal entry shows a checkbox, a description, a progress bar with a percentage, and a status (e.g., 'On Track', 'Postponed', 'Behind'). The right column displays details for a selected goal, including a description, a task list, and a milestones table.

Customer (2)	Complete	Status
<input checked="" type="checkbox"/> Increase profitability and reduce time to market by consolidating vendors and vendor components across product lines... See more	63%	On Track
<input type="checkbox"/> Complete sales compensation plan	50%	On Track

Business Process (2)	Complete	Status
<input type="checkbox"/> Increase Revenue and Profitability through Manager Support of Negotiations	75%	Postponed
<input type="checkbox"/> Attend Key Customer Negotiation Sessions with my Team	55%	On Track

Learning & Growth (1)	Complete	Status
<input type="checkbox"/> Present at Key Industry and Technical Conferences to Build	13%	Behind

Task	Start
Task Description default test 1	12/31/2014
Task Description 2	

Milestone	Start	Due
Description 1	12/31/2014	12/31/2015
Description 2	12/31/2014	12/31/2015

Take Aways

SuccessFactors User Experience Team should leverage the knowledge, skills, and experiences gained as a result of the UI Consistency and Fiori-Style updates by advocating within the larger organization for the adoption of Fiori 2.0.

Applying the Fiori 2.0 Belize Themes will harmonize legacy content with the broader SAP product line. That is easier achievable right away or in the very near future.

More challenging is moving or updating modules to Fiori 2.0 UI5 features, patterns and technology. The benefits in doing so are massive; interest in Fiori 2.0 will explode as soon as customers start to see what it can do. We can get started now and show that we are responsive, collaborative, as well as leaders in the evolution of the Fiori User Experience.

Please note: These recommendations are based on the opinion of the author of this presentation and do not reflect any official company consensus or those of SF leadership.

Fiori Technology

Roadmap Fiori 2.0 Q2 2016 – Q4 2016

Fiori APOs	Q2/2016 (W13)	Q3/2016 (W14)	Q4/2016 (W15)
Fiori 2.0 (w/o Floorplans, Smart-Templates)	Mobile <ul style="list-style-type: none"> Finalize native push notifications Launchpad <ul style="list-style-type: none"> Visual design for Fiori 2.0 First version of New Shell Header CoPilot integration Notifications & MeArea round offs UI5 <ul style="list-style-type: none"> Fiori 2.0 Theme CoPilot integration New Merged Shell & App Header Gateway <ul style="list-style-type: none"> OData API for notification providers CoPilot <ul style="list-style-type: none"> First version of CoPilot Adoption <ul style="list-style-type: none"> Push-enable ABAP Business Workflow Co-Pilot: Quick-Create for main BOs 	Mobile <ul style="list-style-type: none"> Packaging apps with Fiori 2.0 shell & services Launchpad <ul style="list-style-type: none"> Homepage personalization Improvements for Link-list area Finalize New Shell Header incl. <ul style="list-style-type: none"> Related Apps Hierarchy Navigation Back Navigation New central Settings dialog <ul style="list-style-type: none"> FLP settings Notification preferences Concept for App Settings Gateway <ul style="list-style-type: none"> Subscription based notifications for BOs/KPIs Notification preferences CoPilot <ul style="list-style-type: none"> Continuous improvements Push notifications Adoption <ul style="list-style-type: none"> CoPilot: Quick-Create for main business objects 	Launchpad <ul style="list-style-type: none"> Cont. New central Settings dialog <ul style="list-style-type: none"> FLP settings Notification preferences App Settings AppFinder Gateway <ul style="list-style-type: none"> Extended Decision Support for Notifications Cont. Subscription based notifications for BOs/KPIs Cont. Notification preferences CoPilot <ul style="list-style-type: none"> Continuous improvements, e.g. improved context awareness, language recognition Adoption <ul style="list-style-type: none"> CoPilot: Quick-Create for main business objects Navigation: Maintain content for related apps; hierarchical nav.