

SAP BusinessObjects BI 4.3 Overview

Eric Fenollosa – SAP Augmented BI Product Management

March 31, 2020

PUBLIC

Speaker



Eric Fenollosa

Manager of the Augmented BI Product Management team in Paris
Program lead for SAP BusinessObjects 4.3

eric.fenollosa@sap.com

www.linkedin.com/in/eric-fenollosa-5a7844

twitter.com/EricFenollosa

Legal Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentations and **SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice.** The information in this document is not a commitment, promise or legal obligation to deliver any material, code or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumed no responsibility for errors or omissions in this document, except if such damages were caused by SAP's willful misconduct or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

SAP BI Portfolio comprises **two key solutions**



SAP Analytics Cloud



If you are looking to take advantage of the benefits of a cloud solution, SAP Analytic Cloud is the strategic analytics platform for all SAP applications.



SAP BusinessObjects BI suite

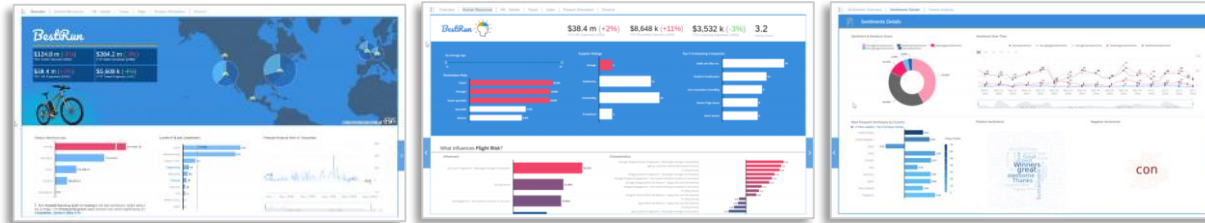


SAP BusinessObjects BI Suite is the best and most scalable enterprise reporting solution in the industry.

Many customers use both solutions side by side

SAP BI Portfolio

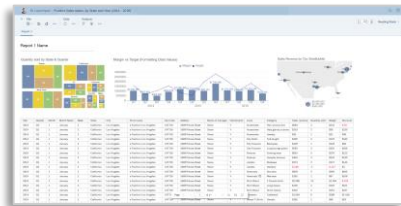
SAP Analytics Cloud



Live connectivity to on-premise BW, HANA & Universes

One simple analytics cloud solution
Data discovery and Dashboarding
Collaborative Planning
Augmented Analytics

SAP BusinessObjects BI suite



Web Intelligence

Ad-hoc query and Operational Reporting*

Formatted, interactive Reporting and
self-service Dashboarding
Automated Publishing & Scheduling

* **Crystal Reports** remain the best option for pixel perfect reporting.



SAP Lumira Designer

Analytic Applications*

On-Premise Custom Application
And Interactive online analysis

* SAP recommends SAP Analytics Cloud for
Data Discovery. If a cloud based solution is not
an option, **Lumira 2.3** remains the best option.



SAP Analysis Office

MS Office

Self-service analysis for OLAP
& Planning sources

SAP BusinessObjects BI 4.3

Expanding, Extending, and Innovating SAP Analytics

SAP continues to invest into the on-premise BI Suite

- BusinessObjects BI 4.3 beta release is currently underway (200+ participants), and is planned to be generally available (GA) in Q2 2020, with SP1 end 2020
- As per the [Maintenance Policy](#), the maintenance will be extended to 2027 at a minimum

Easing the adoption of SAP Analytics Cloud by on-prem customers

- Customers will get a head start in their cloud analytics journey by leveraging existing on-premise assets
- SAP offers a conversion program called the [Cloud Extension Policy](#) to allow for a partial termination of on-premise maintenance when replaced with a new cloud contract



SAP BusinessObjects BI 4.3

Key Themes



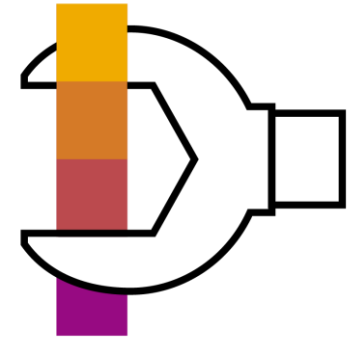
Hybrid

Provide a tighter integration between BusinessObjects BI and SAP Analytics Cloud



User Experience

Harmonize user experience and foster BI adoption with a Fiori like experience



Enterprise Readiness

Enhance ease of deployment and support latest industry standards

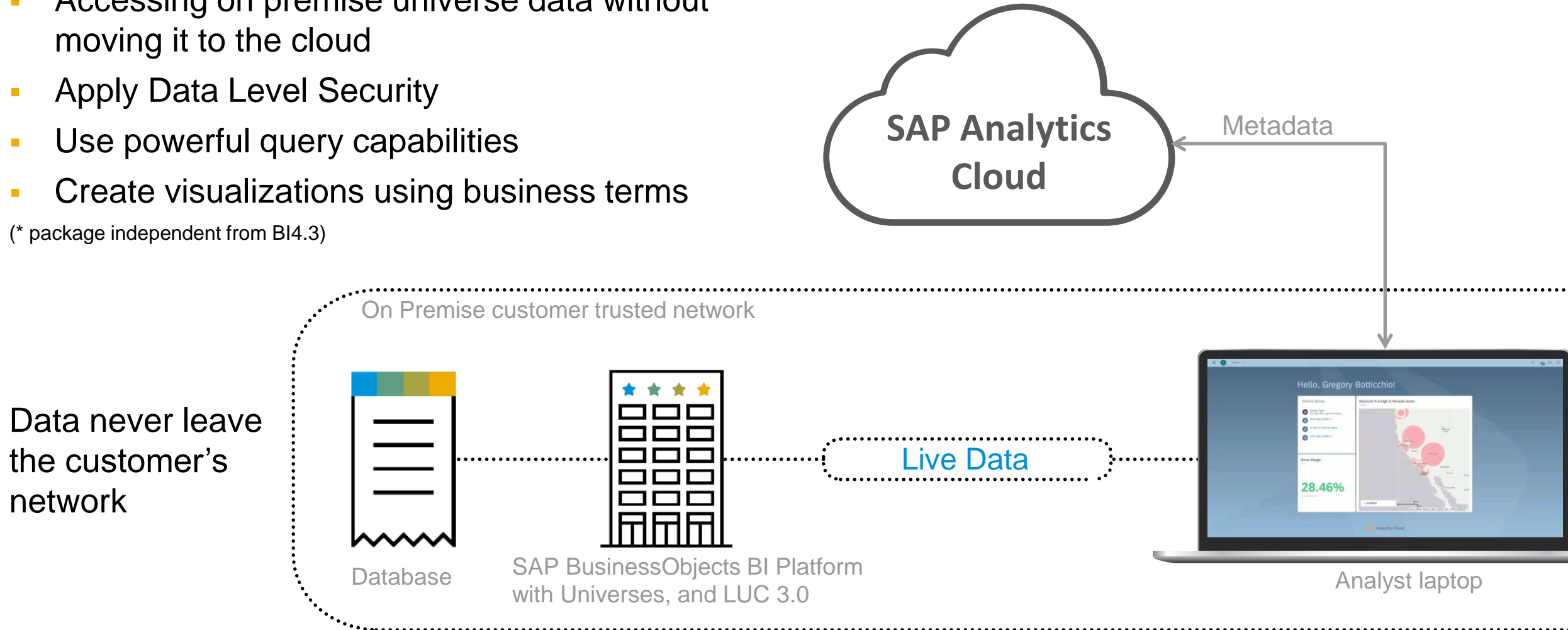


SAP BusinessObjects BI 4.3

Live Data Access 3.0 for Universes*

- Accessing on premise universe data without moving it to the cloud
- Apply Data Level Security
- Use powerful query capabilities
- Create visualizations using business terms

(* package independent from BI4.3)



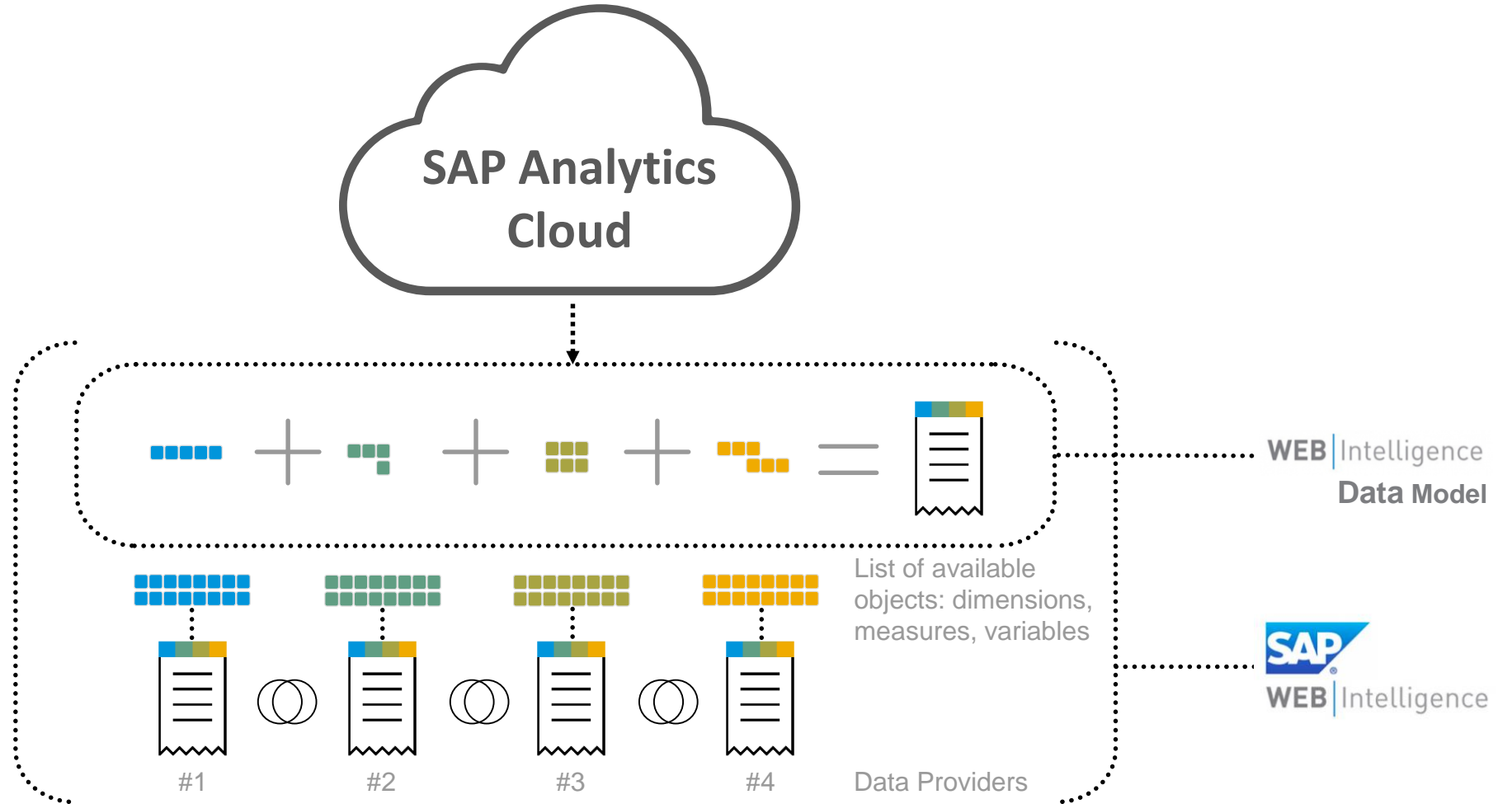
Data never leave the customer's network

SAP BusinessObjects BI 4.3

Consume Web Intelligence data model in SAP Analytics Cloud



Re-use existing Web Intelligence documents to build new information



SAP BusinessObjects BI 4.3

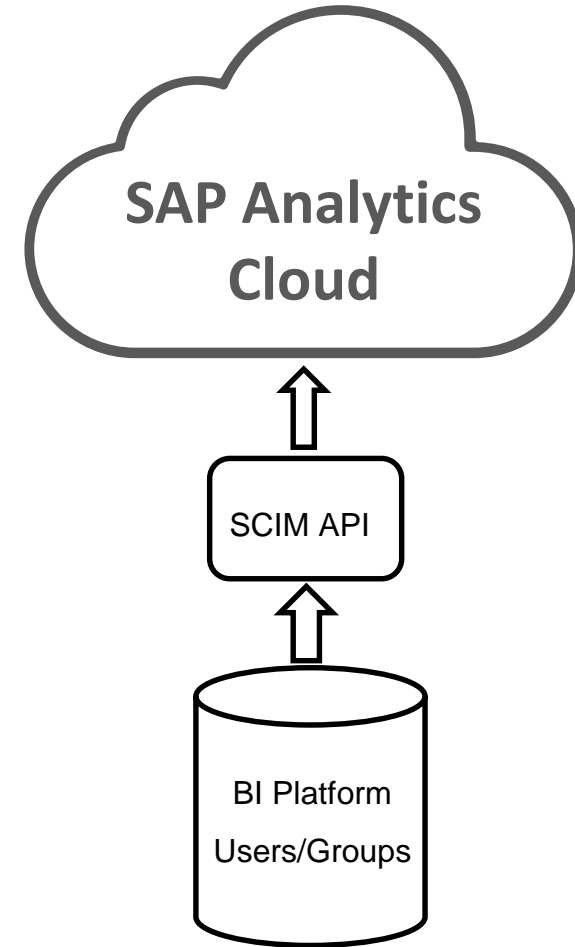
Hybrid User Management



Deliver SCIM (System for Cross-domain Identity Management) APIs

- easily onboard existing on-prem users to the cloud (SAP Analytics Cloud / Analytics Hub)
- either by user or user groups

SCIM APIs can be used by Identity Provisioning Service to provision and synchronize BI Platform Users to SAC



SAP BusinessObjects BI 4.3

Analytics Hub integration

Select and identify BOE content

- to be pushed to automatically appear as Analytics Hub content
- to remain synchronized and up to date



SAP Analytics Hub

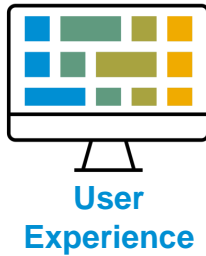


SAP BusinessObjects BI Platform

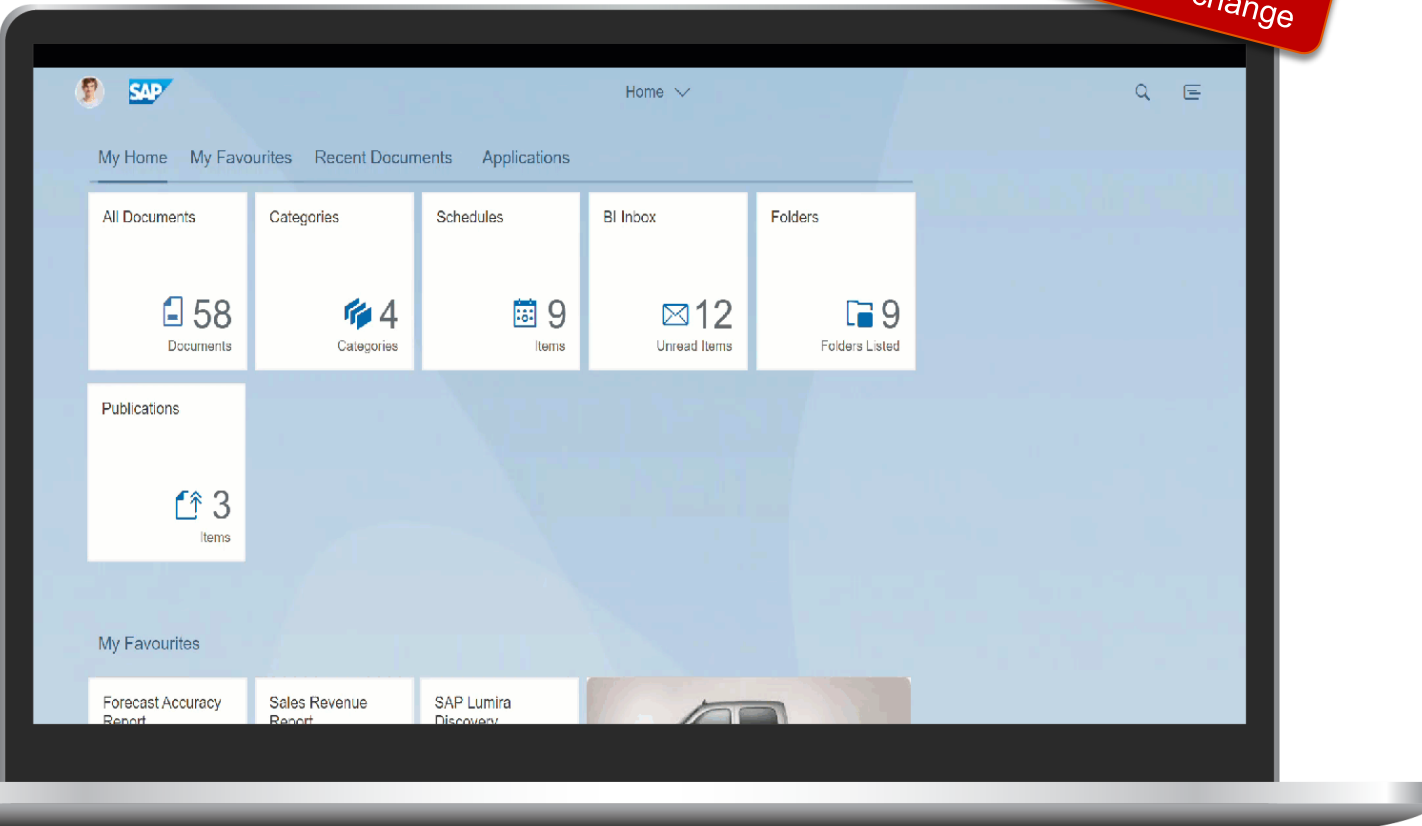


SAP BusinessObjects BI 4.3

New BI Launch Pad



MOCKUP
Subject to change

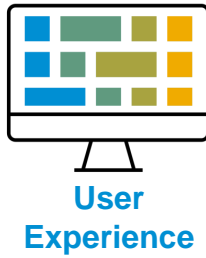


New Fiori like BI Launchpad

- Modernized user experience
- Do not ship the existing BI LaunchPad
- 100% functional and compatible with existing content and authorizations
- Full functional parity
- Scheduling / Publication enhancement
- Updated BI Workspace

SAP BusinessObjects BI 4.3

New BI Launch Pad – New Scheduler



MOCKUP
Subject to change

Welcome: Administrator BI Launch Pad

Schedule

General | Report Features

Instance Title: *Instance Title:

Drilldown

- Prompts
- Formats
- Filters
- Database Logon
- Print Settings
- Languages

Destinations

Select Delivery Destinations:

Selected Delivery Destinations:

- Default Enterprise Location
- BI Inbox
- Email

Recurrence

Run Report:

Repeat:

Every:

Hour(s):

Start Date:

End Date:

Schedule Close

SAP BusinessObjects BI 4.3

New BI Launch Pad – Business Hours (New)

MOCKUP
Subject to change

Welcome: Administrator

New Publication

General | Report Features | Summary

Select Delivery Destinations:

Add

Recurrence

Run Report: Recurring

Repeat: Business Hours

On: S M T W T F S

Business Hours Start: 08:00 Business Hours End: 15:00

Every: 02:00 Ex: Every 2 hrs

Start Date: Oct 16, 2019, 10:29:18 PM

End Date: Oct 16, 2029, 10:29:18 PM

MOCKUP
Subject to change

Details

Document Title : Schedule For Monthly Variance Cross...

Type: Crystal Reports

Status: Recurring

Additional Details

External Destination : Inbox

Created By : Administrator

Folder Path : Report Samples/Financial/

Remote Instance : No

Creation Time : 10/15/2019 11:10 AM

Expiry : 10/15/2029 11:09 AM

Next Run Time : 10/17/2019 8:00 AM

Recurrence Type : Runs every 2 hours 0 minutes between 8:00 AM and 6:00 PM on Monday, Tuesday, Wednesday, Thursday, Friday, starting from Oct 17, 2019 8:00 AM.

Printer : None

Parameters : Feb 28, 2017

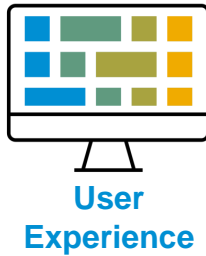
Scheduled Locales :

Close



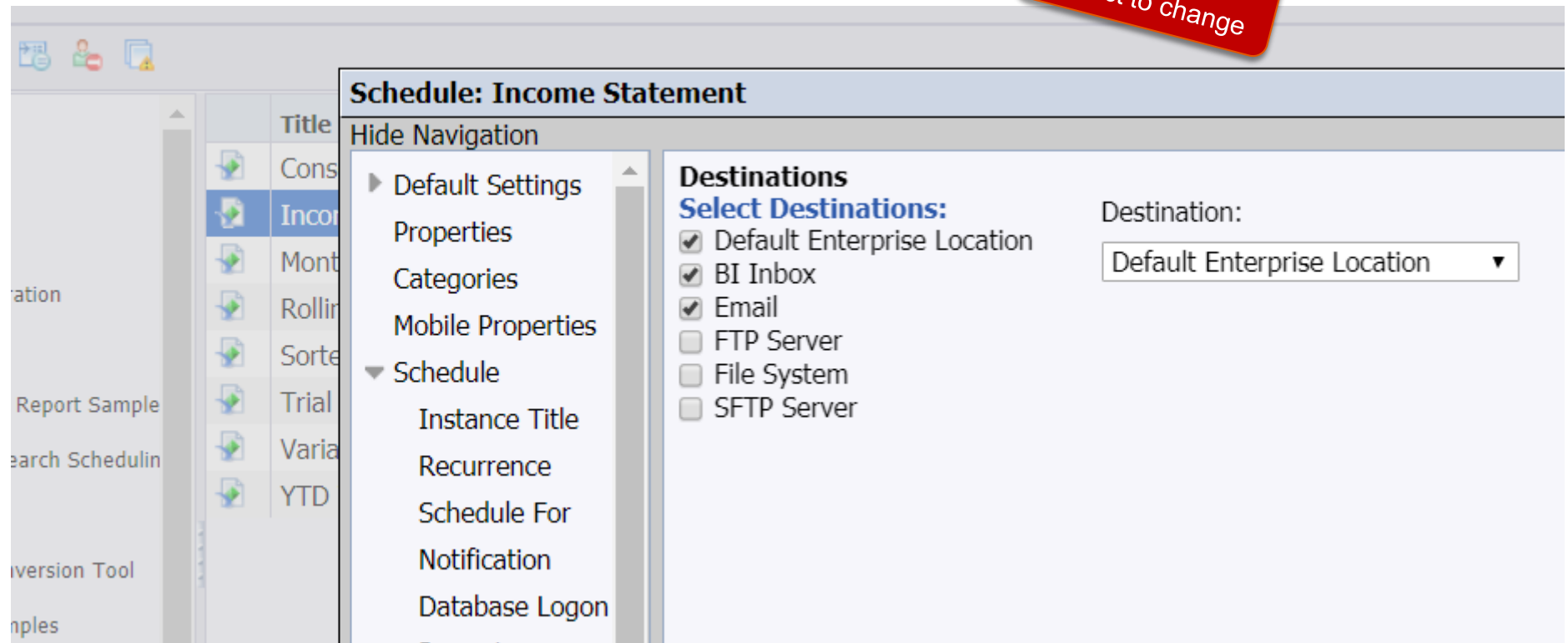
SAP BusinessObjects BI 4.3

New BI Launch Pad - Scheduling Destinations



Schedule to multiple destinations with a single iteration.

MOCKUP
Subject to change



SAP BusinessObjects BI 4.3

New BI Launch Pad - Schedule (Home)



User Experience

MOCKUP
Subject to change

SAP Welcome: Administrator Instances ▾

 1

Schedule Instances

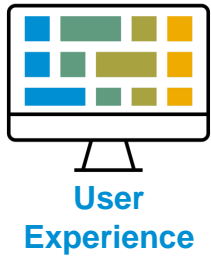
Instance Time:
 Status: ▾
 Type: ▾
 Title:

Instances (15)

<input type="checkbox"/>	Title	Type	Status	Instance Time	Scheduled By	Subscription	
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 16, 2019 4:01 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 16, 2019 2:01 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 16, 2019 12:00 PM	Administrator		...
<input type="checkbox"/>	Sections Demo	Web Intelligence	❗ Failed	Oct 16, 2019 11:02 AM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 16, 2019 10:00 AM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 16, 2019 8:01 AM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 15, 2019 6:01 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 15, 2019 4:01 PM	Administrator		...
<input type="checkbox"/>	Schedule Cross Tab	Crystal Reports	⊘ Expired	Oct 15, 2019 4:01 PM	Administrator		...
<input type="checkbox"/>	Calculated Member Cross-tab Chart	Crystal Reports	✓ Success	Oct 15, 2019 3:55 PM	Administrator		...
<input type="checkbox"/>	System Down Maintenance Planne...	NotificationSchedule	✓ Success	Oct 15, 2019 3:18 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 15, 2019 2:01 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	✓ Success	Oct 15, 2019 12:00 PM	Administrator		...
<input type="checkbox"/>	Schedule For Monthly Variance Cr...	Crystal Reports	🕒 Recurring	Oct 15, 2019 11:10 AM	Administrator		...
<input type="checkbox"/>	Sections Demo	Web Intelligence	🕒 Recurring	Oct 15, 2019 11:03 AM	Administrator		...

SAP BusinessObjects BI 4.3

New BI Launch Pad - Publication



MOCKUP
Subject to change

Home Back Profile **SAP** Welcome: Administrator Folders Search 1 Help

New Publication

General Report Features Summary

- Publication Details
- Source Documents
- Destinations
- Recurrence
- Enterprise Recipients
- Dynamic Recipients
- Events
- Scheduling Server Group
- Advanced

Description:

Items (3) Remove ^ +

<input type="checkbox"/>	Title	Type	Refresh at Runtime
<input type="checkbox"/>	Calculated Member Cross-tab Chart	Crystal Reports	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Drilldown	Crystal Reports	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Grouping and Sorting	Crystal Reports	<input checked="" type="checkbox"/>

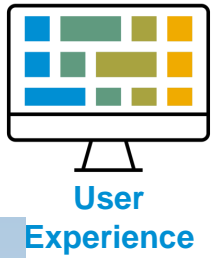
Destinations

Select Delivery Destinations: Add

Selected Delivery Destinations: Default Enterprise Location ×

SAP BusinessObjects BI 4.3

New BI Launch Pad - Publication



MOCKUP
Subject to change

Home Back Profile **SAP** Welcome: Administrator Folders Search 1 Help

New Publication

General Report Features Summary

Publication

- Personalization
- Prompts
- Database Logon
- Formats
- Print Settings
- Delivery Rules
- Merged PDF Options

*Title: Description:

Keywords:

Source Documents

Items (3) Remove Up Down +

<input type="checkbox"/>	Title	Type	Refresh at Runtime
<input type="checkbox"/>	Calculated Member Cross-tab Chart	Crystal Reports	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Drilldown	Crystal Reports	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Grouping and Sorting	Crystal Reports	<input checked="" type="checkbox"/>
<input type="checkbox"/>			

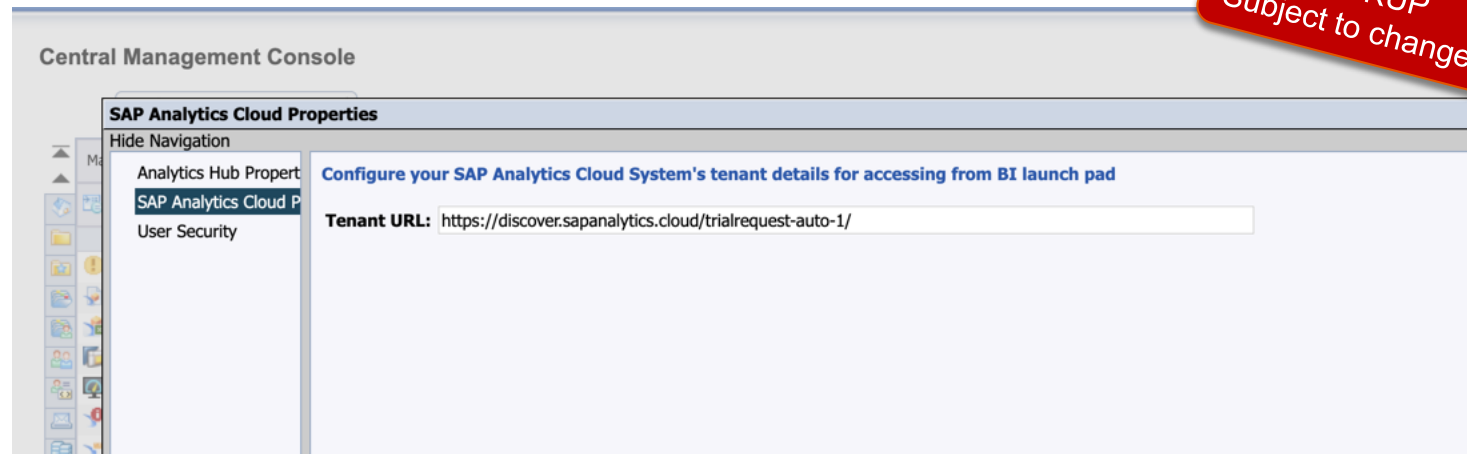
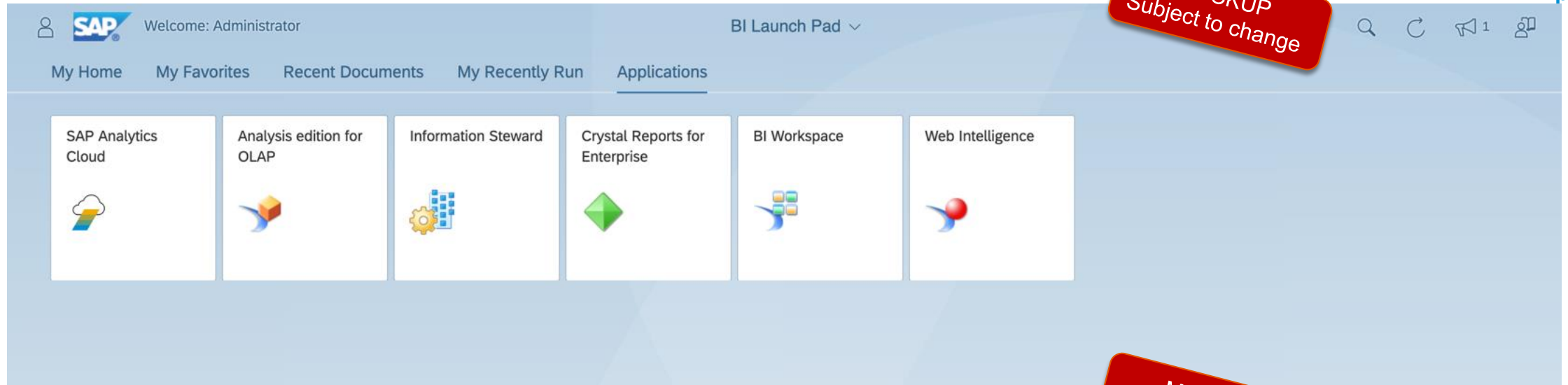
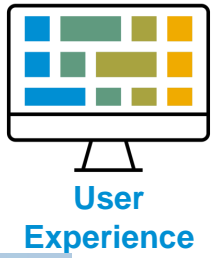
Destinations

Select Delivery Destinations: Add

Selected Delivery Destinations: Default Enterprise Location ✕

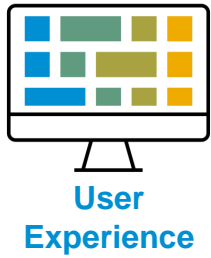
SAP BusinessObjects BI 4.3

New BI Launch Pad - Applications



SAP BusinessObjects BI 4.3

New BI Launch Pad - Customization



Settings

Account Preferences

Page Preferences | Page Customization | Locale and Time Zone

GENERAL

- User Account
Administrator
- Account Preferences**
Edit Account Preferences
- Application Preferences
Edit Application Preferences
- Appearance
Fiori 2.0

Tabs to display

- My Home
- My Favorites
- Recent Documents
- My Recent Run
- Applications

Tiles to display

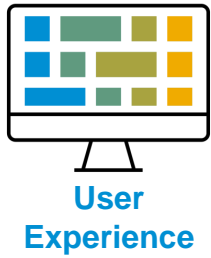
- All documents
- Categories
- Schedule
- Recycle Bin
- Inbox
- Folders

Save Cancel

MOCKUP
Subject to change

SAP BusinessObjects BI 4.3

New BI Launch Pad - Notification



MOCKUP
Subject to change

The screenshot shows the SAP BusinessObjects BI 4.3 BI Launch Pad interface. At the top, the user is logged in as Administrator. The navigation bar includes "My Home", "My Favorites", "Recent Documents", "My Recently Run", and "Applications". The main content area is divided into several sections:

- Documents:** 45 items, updated 1 day(s) ago.
- Instances:** 15 items, updated 10 minute(s) ago.
- Categories:** 2 items, updated 10 minute(s) ago.
- BI Inbox:** 11 items, updated 10 minute(s) ago.
- Folders:** 30 items, updated 10 minute(s) ago.
- Recycle Bin:** Updated 1 day(s) ago.

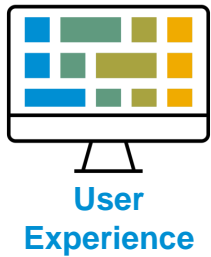
Below these is the "My Favorites" section, which includes:

- Chart Demo (Oct 15, 2019 7:58 AM)
- Drill Demo (Oct 15, 2019 7:58 AM)
- Geo Analysis Demo (Oct 15, 2019 7:58 AM)
- Input Controls & Filter Demo (Oct 15, 2019 7:58 AM)
- A "Sales Revenue" dashboard with a bar and line chart showing data from Jan '18 to Jun '18. The chart has two series: "SumOfHomes Sold" (blue bars) and "SumOfAverage Pr" (orange line). The dashboard is titled "Sales Revenue" and "Personal Category Home Sales".

A notification overlay is displayed on the right side of the screen, titled "System Down Maintenance Planned on Nov 14th 2019". The notification text reads: "Hello All%2C", "System Down Maintenance Planned on Nov 14th 2019. Kindly Plan your activities.", "Thanks%2C Admin", and "Show Less".

SAP BusinessObjects BI 4.3

New BI 4.3 Web Intelligence Client

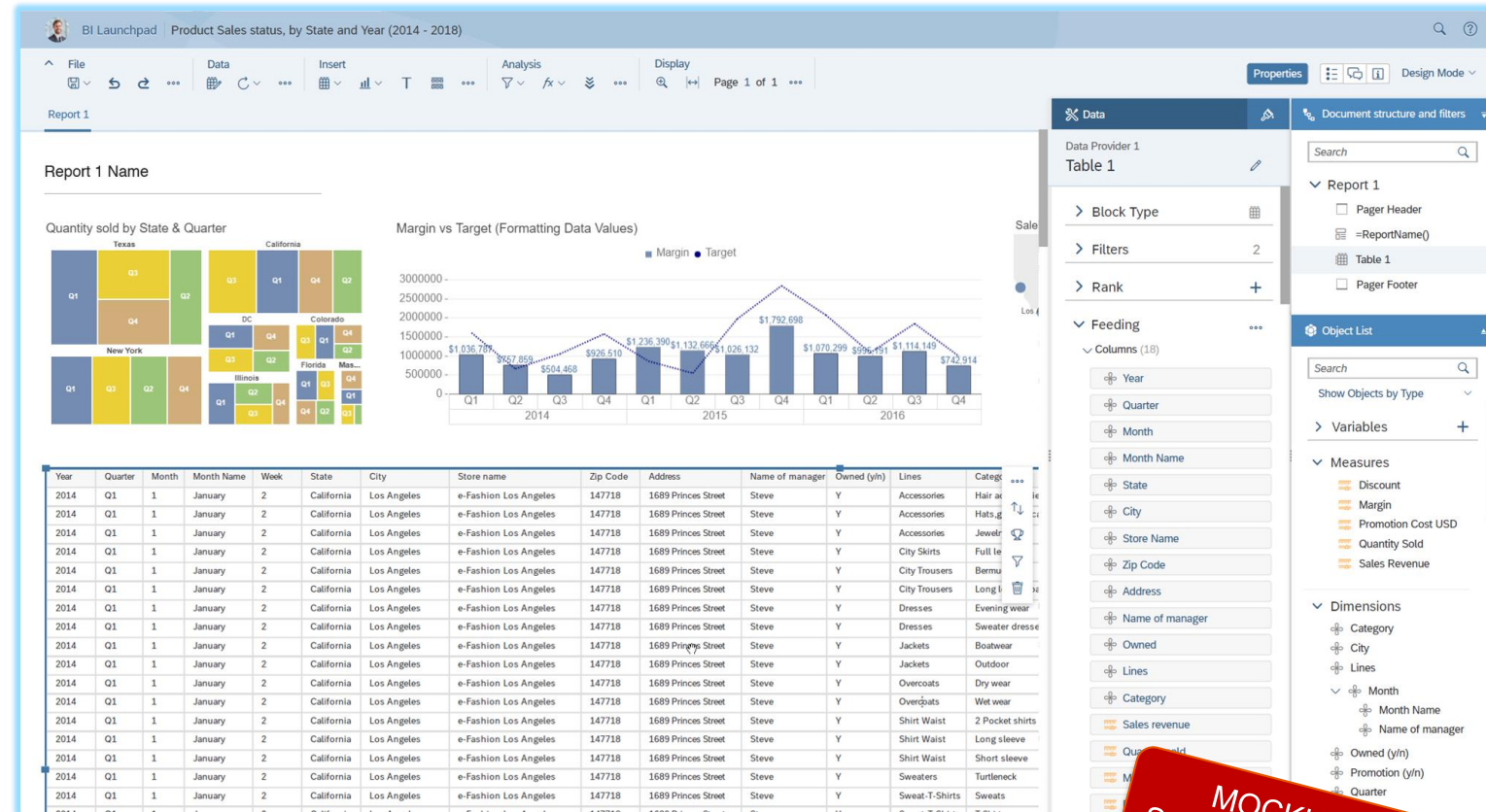


A rejuvenated user experience

- Light menu bar (no double ribbon)
- New Formatting/Build panels and contextual Widget
- “Trial” experience when authoring/analyzing

What is coming next in BI 4.3

- One client for web and desktop, viewers and designers
- Parity with WebI Java Applet and WebI Rich Client 4.2 SP07
- HTML5 (no Java), touch ready, FIORI like
- Light Dashboards



MOCKUP
Subject to change

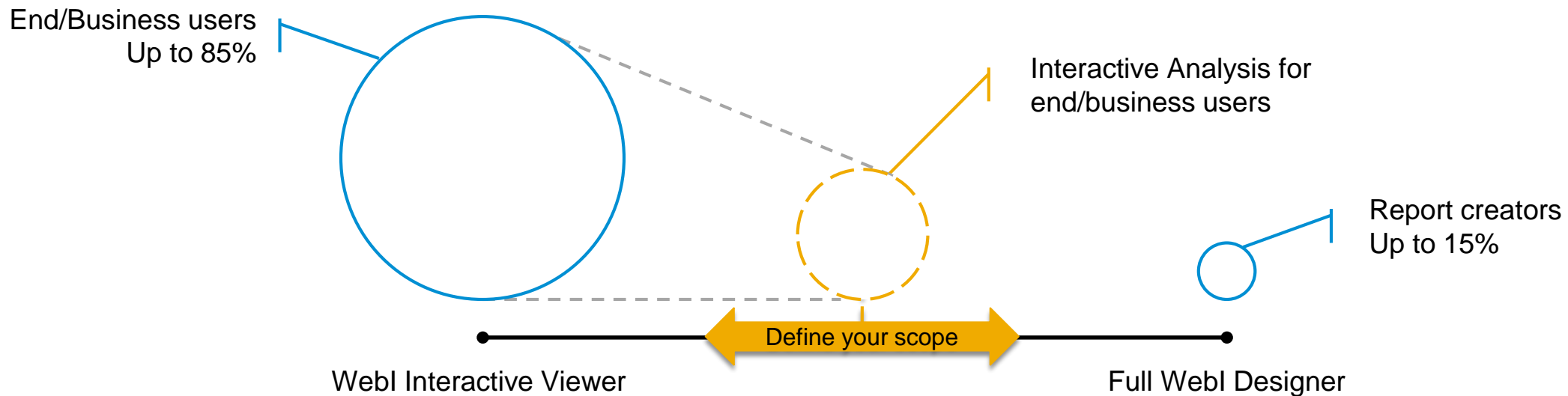
Overall, the enhancements unlock end-user autonomy, self-service reporting and dashboarding

SAP BusinessObjects Web Intelligence 4.3

Continuous innovations to simplify the report consumption and creation

Interactive analysis for end-users

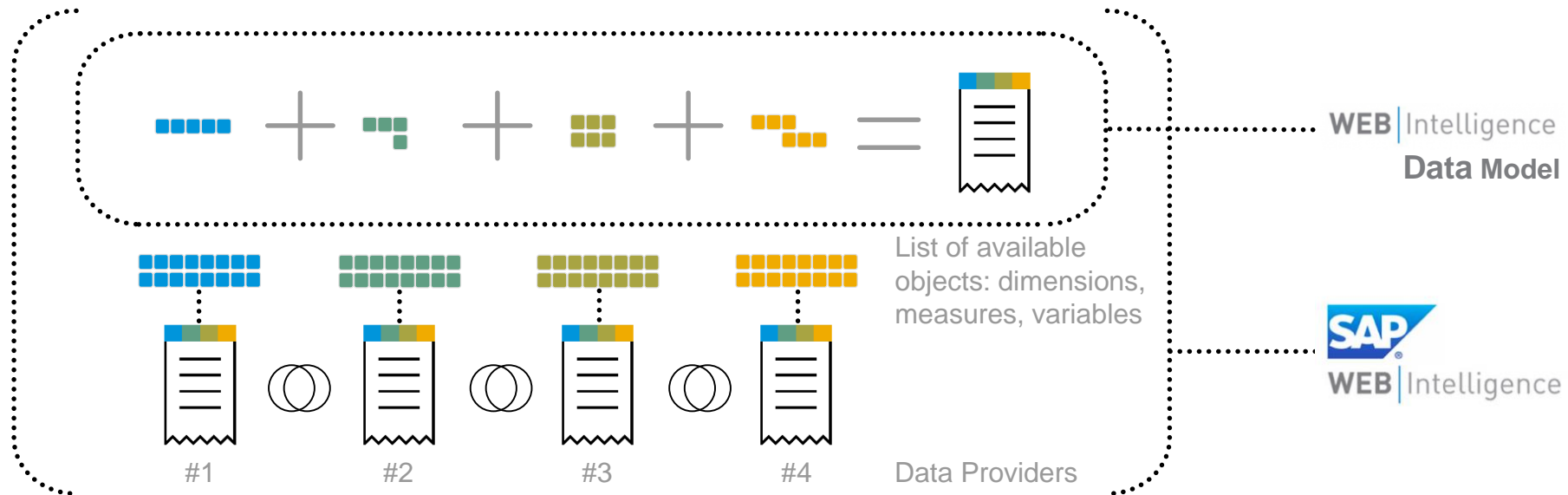
- Enable UI customization for the new interface: menu items, panels, contextual widget
- Allow the proposition of custom interface for new categories of end-users:
 - Intermediate profiles between a reader and a full designer



SAP BusinessObjects Web Intelligence 4.3

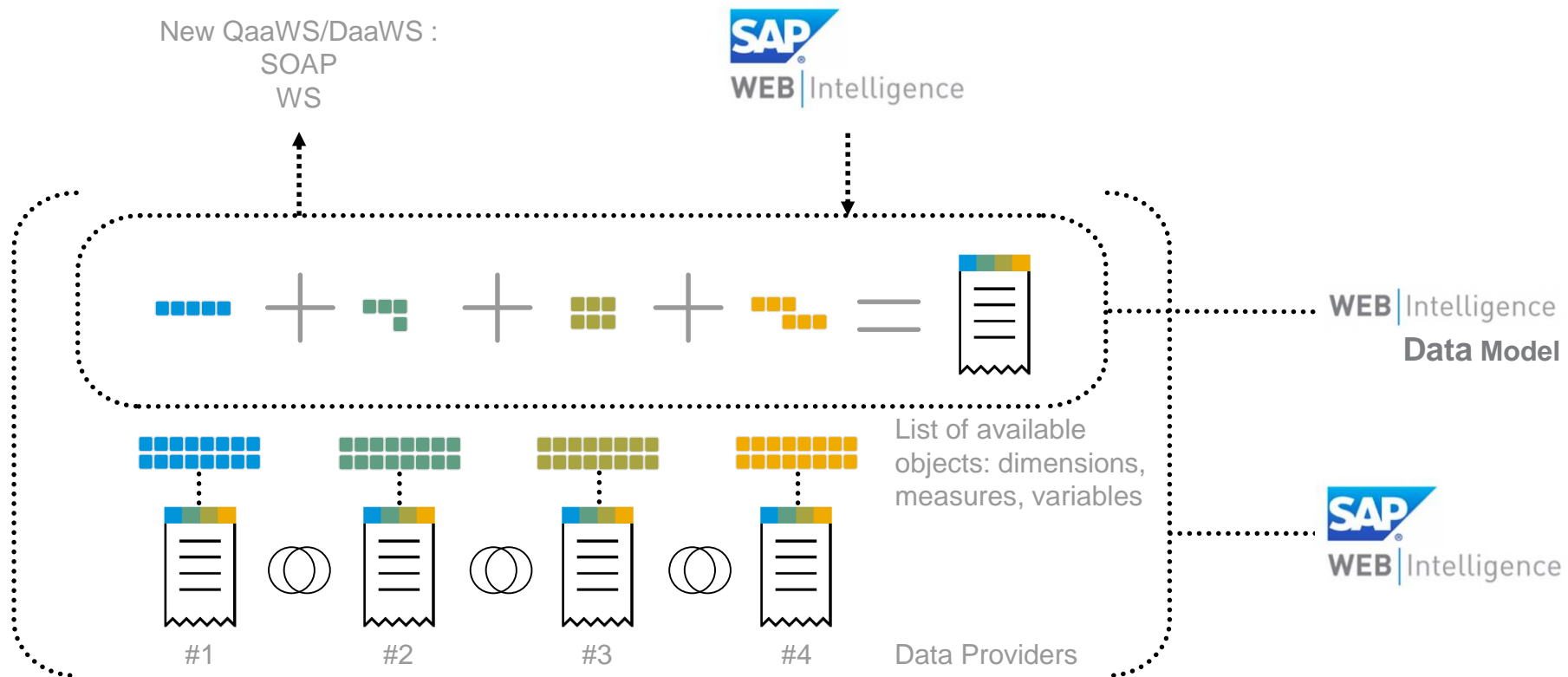
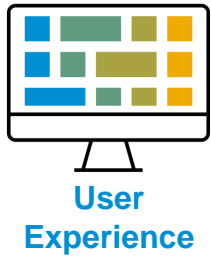
Sharing the SAP BusinessObjects Web Intelligence data model (1/3)

- Re-use existing Web Intelligence documents to build new information
- Create and share the business semantics, and associated result sets
- Enforce consistency and update of information (trusted BI, lower TCO of updates)



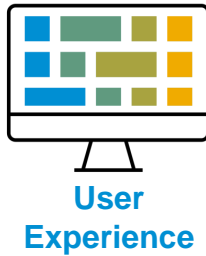
SAP BusinessObjects Web Intelligence 4.3

Sharing the SAP BusinessObjects Web Intelligence data model (2/3)



SAP BusinessObjects Web Intelligence 4.3

Sharing the SAP BusinessObjects Web Intelligence data model (3/3)



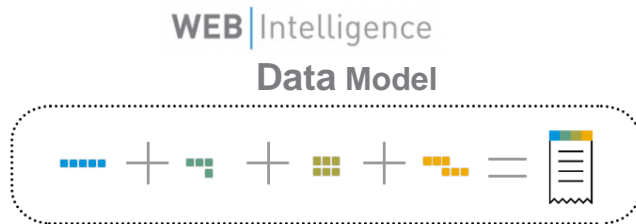
Business/Power User

- Create queries (Data Providers)
- Merge queries (heterogeneous data)
- Add custom variables (custom formulas)
- Validate and share the WebI Data Model



End Users

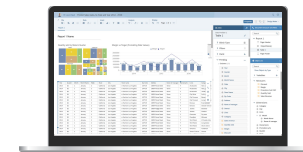
- Select a WebI Data Model
 - (Get data without using the Query Panel (optional))
- Design a report
- Share their analysis via a WebI document



Share and update



Access and consume



Demo

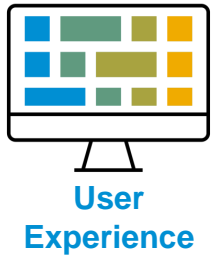


SAP BusinessObjects Web Intelligence 4.3

Customer Enhancements

New charts types and capabilities

- Charts in cells (micro-charts in table cell)
- Trend lines
- Trellis charts
- Zoom and pan

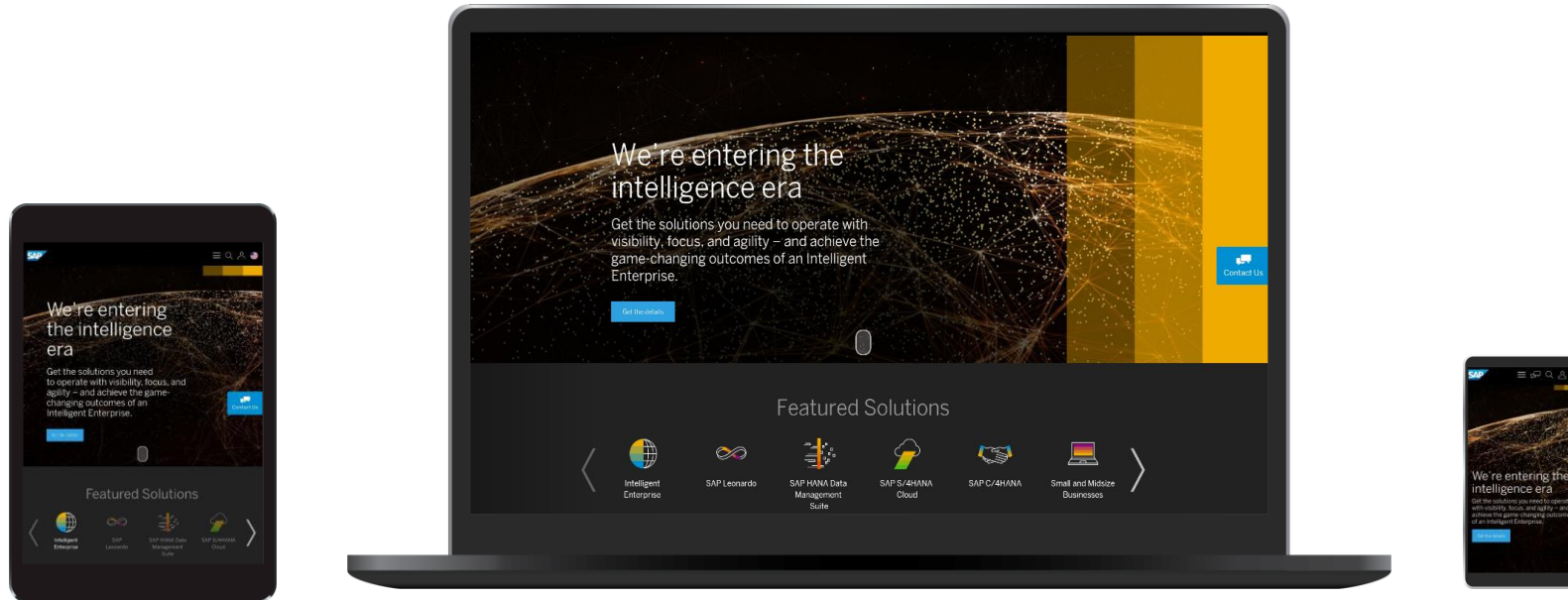


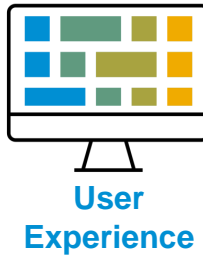
SAP BI Mobile

New Web Intelligence 4.3 experience

Make every Web Intelligence document consumable from everywhere

- Responsive user interface working on all devices (tablets and smartphones)
- Enable analysis "on-the-go" of existing WebI document, when connected
- Integrated into the SAP BI Mobile app





SAP BusinessObjects BI 4.3

Crystal Reports

Key capabilities

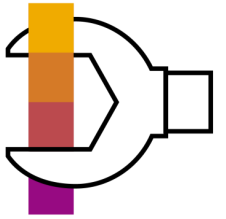
- Pixel perfect reports on any data source
- Securely distribute reports both internally and externally
- Enhance custom applications with embedded reports

What is coming next in BI 4.3

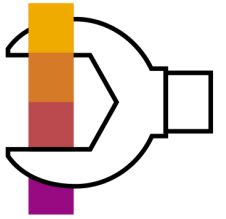
- CR4E Repository Items
- 64bit version for Crystal Reports client and server
- Support new Japan Era
- Leverage BI Platform updates
 - Platforms and data sources support
 - Fiorified BI LaunchPad publications

SAP BusinessObjects BI 4.3

Enterprise Readiness



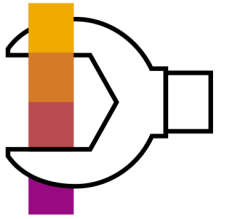
- Installation and deployment: continuous improvements to the install process, enhancements to silent install, tool to support cache removal etc
- Security enhancements: support for SAML 3.0, simplified SAML configuration and setup, credential mapping enhanced to support multiple combinations
- Updates to the administrator tools like BI Admin cockpit, monitoring, promotion management etc.
- Improved audit functionalities to better track user updates like login failures, authentication etc.
- Enhancements to scheduling and publication functionalities
- Highest security and product standards compliance: updated components to adhere to the latest security and product standards to address any vulnerability or other concerns
- New versions of data sources, applications and OS support
- Simplified IaaS deployment: enhancements provided to support bulk updates, track settings etc.



SAP BusinessObjects BI 4.3

Enterprise Readiness – Install enhancements

- Silent Install enhancements
 - Modify
 - Repair
 - Uninstall
- Install Cache Optimization (Windows Only)
- New pre-requisite check for required disk space
- New Versions for Platform support
 - Tomcat 9.x
 - SAP JVM latest
 - Other Third Party updates
 - Platform support latest versions



SAP BusinessObjects BI 4.3

Enterprise Readiness – Credential mapping enhancements

- Ability to save multiple sets of Database credentials
- Avoiding Kerberos SSO due to the inability to schedule with SSO2DB

Introduction of Data Source References

Define

- Access Levels
- Calendars
- Events
- Datasource References
- Authorized HTML Eleme
- User Attribute Manager

Central Management Console

Datasource References

Manage

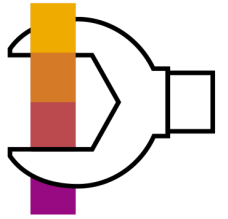
Name	Description	Date Modified
123		Sep 20, 2019 7:51 PM
1Default		Sep 20, 2019 7:51 PM
abc		Sep 20, 2019 7:50 PM
Default	Default Datasource Reference	Sep 25, 2019 5:43 AM
Default1		Sep 25, 2019 5:43 AM
selvaDSR	some description	Sep 25, 2019 5:38 AM
xyz		Sep 20, 2019 7:51 PM

MOCKUP
Subject to change

Welcor

SAP BusinessObjects BI 4.3

Enterprise Readiness – Credential mapping enhancements



- Using Data Source References to Save multiple Database Credentials

Properties: Administrator

Hide Navigation

Properties

- Translations
- User Security
- Member Of
- Profile Values
- Account Manager

Commit: [] User must change password at next login: []
 User cannot change password

On successful password change, you will be logged out of all your current sessions.

Access Type

Limited by concurrent session pool
 Guaranteed - named user

Attribute Binding

Import Full Name, Email Address and other attributes
 Account is disabled

Alias: secEnterprise:Administrator **Authentication Type:** Enterprise **Enabled:** [Assign Alias...](#) [New Alias...](#)

Database Credentials

<input type="checkbox"/> Data Source Reference	Description	Account Name	Password	Confirm Password
<input type="checkbox"/> Default ▼	Default Datasource Referer	Venkat	.....	.....
<input type="checkbox"/> Default1 ▼		Guptha	.....	.....

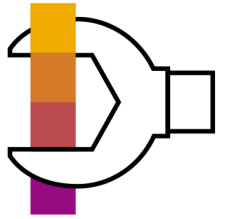
[Add](#) [Remove](#)

[Save](#) [Save & Close](#) [Cancel](#)

MOCKUP
Subject to change

SAP BusinessObjects BI 4.3

Enterprise Readiness – Credential mapping enhancements



- Select Data Source Reference during Connection creation

Functionality supported by :

- AOLAP
- Web Intelligence
- Crystal Reports 2020
- Crystal Reports for Enterprise

Central Management Console

OLAP Connections ▾

Name:

Description (optional):

Provider: SAP Business Warehouse

Server Information:

Server Type: Server

System:

Server:

System Number:

Client:

Language: English (United States)

Save Language?

Select the Save Language checkbox to always connect using English

Connect to server to choose a cube:

Authentication: Credential Mapping

Data Source Reference: Default

MOCKUP
Subject to change

New OLAP Connection

Parameters for SAP HANA HTTP

✖ Data Source Reference is required.

Authentication Mode: Use BusinessObjects credential mapping

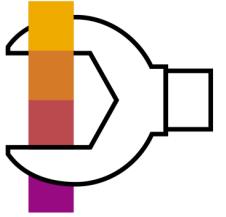
User Name:

Password:

Data Source Reference:

Language: English (United States) - EN Save Language

Data Source:

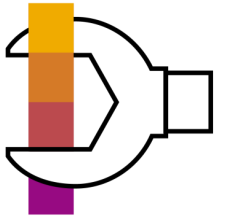


SAP BusinessObjects BI 4.3

Enterprise Readiness – Auditing enhancements

- Auditing enhancements
 - Login Events
 - Authentication type
 - Failed Logins
 - No. of concurrent sessions for a named user
 - No. Named user and concurrent user sessions at Landscape level

- Alert when the Audit system is OFF
 - Capturing user details
 - Alerting Admin group



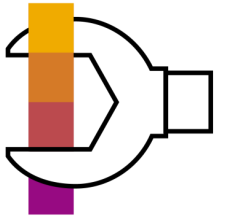
SAP BusinessObjects BI 4.3

Enterprise Readiness – Other enhancements

- STS to multiple SAP entitlement systems (same system, different clients)
- BI4.3 New License Key Requirement when updating from BI4.0/BI4.1/BI4.2
- SLD payload enhancements
- NCS Ports - Sends all ports if more than one is used
- Access data for CMS Servers of the cluster

SAP BusinessObjects BI 4.3

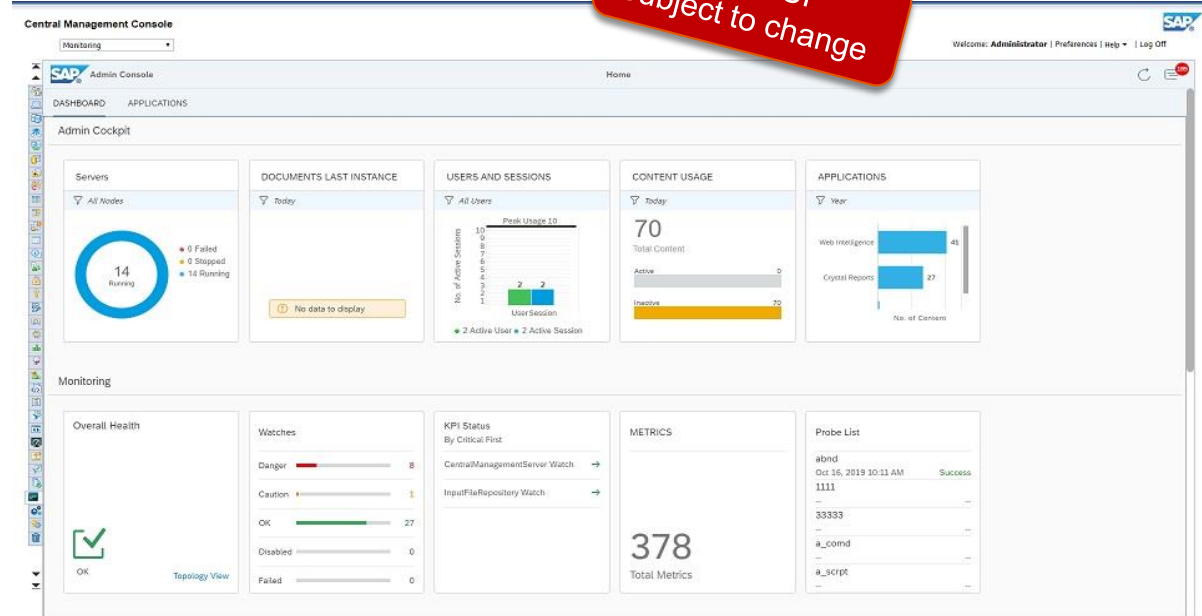
Enterprise Readiness – New BI Admin Studio



- Integrate between Fiori based applications
- Adding enhanced security for BI Admin studio
- Performance Improvements

New rights associated :

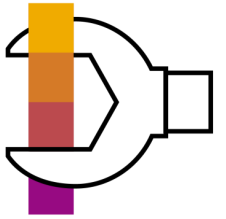
- Manage user security with rights
- Access to applications based on user rights
- Trace log enhancements



MOCKUP
Subject to change

▼ Specific Rights for BI Admin Studio		Implicit Value	🟢	🔴	⚠️	📄	🔗	
Allow access to BI Admin Cockpit		Not Specified	🟢	🔴	⚠️			
Allow access to Monitoring		Not Specified	🟢	🔴	⚠️			
Allow access to Visual Difference		Not Specified	🟢	🔴	⚠️			
Visual Difference - Create comparison		Not Specified	🟢	🔴	⚠️	📄	🔗	
Visual Difference - Delete comparison		Not Specified	🟢	🔴	⚠️	📄	🔗	
Visual Difference - Rerun comparison		Not Specified	🟢	🔴	⚠️	📄	🔗	
Visual Difference - View comparison		Not Specified	🟢	🔴	⚠️	📄	🔗	
▼ General Rights for BI Admin Studio		Override General Global	Implicit Value	🟢	🔴	⚠️	📄	🔗
Edit this object	<input type="checkbox"/>		Not Specified	🟢	🔴	⚠️	📄	🔗
Modify the rights users have to this object	<input type="checkbox"/>		Not Specified	🟢	🔴	⚠️	📄	🔗
Securely modify rights users have to objects.	<input type="checkbox"/>		Not Specified	🟢	🔴	⚠️	📄	🔗
View	<input type="checkbox"/>		Not Specified	🟢	🔴	⚠️	📄	🔗

MOCKUP
Subject to change



SAP BusinessObjects BI 4.3

Enterprise Readiness – Monitoring JDBC Support

- Removal of Derby database
- Configure monitoring database similar to “Commentary” functionality

Trending Database Settings

Use Audit Database Use other Supported Database

Configuration

Database Type

Server Name

Host

Port

User

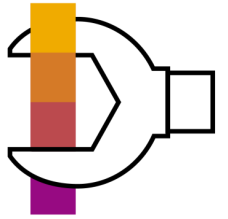
Password

Delete the history older than days

MOCKUP
Subject to change

SAP BusinessObjects BI 4.3

Enterprise Readiness – Version Management > support of GIT



MOCKUP
Subject to change

- No support for ClearCase in BI4.3
- Introduced support for Git, Local and HTTP mode only

Version Management Systems

Git Settings

Use as Default VMS

Workspace Directory

Server Repository Name

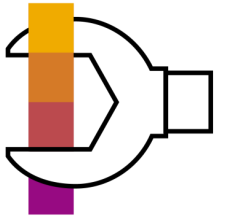
GIT Install Path

Protocol Local HTTP(s)

After you save changes to Application, make sure to restart VMS Service.

SAP BusinessObjects BI 4.3

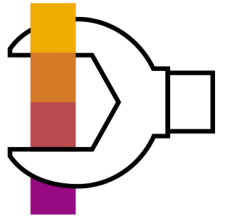
Enterprise Readiness – Promotion Management improvements



- Rollback support of promotion jobs when using the command line option.
- Exclude specific content to promoted from the source system using the Promotion Management Wizard
- Performance improvements to the Promotion Management Wizard.

SAP BusinessObjects BI 4.3

Enterprise Readiness – Workflow Assistant

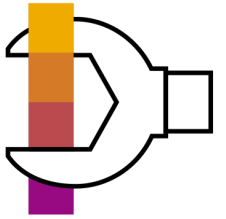


Replacement for BI Administration Console web application

- CMC Application for Scenarios, Workflow Templates and Systems
- Organize Scenarios in Folders (multi level)
- Run with Parameters (like prompts)
- Direct use of Task Templates in Scenario
- Default Parameter in Workflow Templates
- New Standard Task Templates
- Simplified services architecture
- Custom Task Template samples showcase ability to extend from several areas

The screenshot displays the 'Central Management Console' interface for the 'Workflow Assistant'. The top navigation bar includes 'Workflow Assistant' and 'Welcome: Administrator | Preferences | Help | Log Off'. The main content area is divided into 'Scenarios', 'Workflow Templates', and 'Systems'. A 'Folders' pane on the left shows a 'Scenario' folder. The main view shows details for the selected 'Scenario' folder, including its description and last updated time. Below this is a table of contents within the folder.

Name	Type	Updated Time	Created by	Created On	Status	
<input type="checkbox"/> DemoScenario	Scenario	Sep 10, 2019 8:5...	Administrator	Sep 10, 2019 8:5...	success	...



SAP BusinessObjects BI 4.3

Semantic Layer 1/6

Support for SAP BW Info Providers

Access SAP BW using connection based on HTTP. No SAP BEx query required

- Direct access to available SAP BW Info Providers
- Access through multidimensional universe (UNX) created on SAP BW Info Providers

Support level for Info Provider Types:

- InfoCube (CUBE)
- MultiProvider (MPRO)
- Advanced DataStore Object (ADSO)
- CompositeProvider (HCPR)
- Open ODS View (FBPA)

Multi-dimensional support (i.e. hierarchies)

The screenshot shows the 'New Document - Choose a Data Source Type' dialog box. The 'SAP BW' option is selected. A secondary dialog box, 'Select a Bex query or Info provider', is open, displaying a tree view of folders and a table of BEx queries.

Folders:

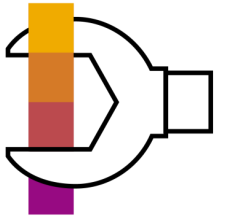
- ▼ L01
 - > Favorites
 - ▼ InfoArea
 - > Business Information Warehouse
 - > Technical Content
 - > Test
 - > Business Objects QA
 - > Donald Zhang Test
 - > JA InfoArea
 - > Karen's Infor Area testing
 - > Unassigned Nodes
 - > phoebe's info area
 - > Partner Testing
 - > Sustainability SAP Data
 - > FPA27 info area
 - > MU's info area

Select a Bex query or Info provider

Description	Type	Technical name
Aggregation for fiscal year	Info provider	AGG_FY
JB Test Cube	Info provider	JB_CUBE
MultiProvider with Fiscal Year	Info provider	ZMP_FY
MultiProvider 2 with aggregate level	Info provider	ZMP_FYAG2
MultiProvider with aggregate level	Info provider	ZMP_FYAGG
Business Objects Customer cube	Info provider	Z_BOBJ
TestLongDescription12345678901234567890123456789012345...	Info provider	Z_LONGTXT

SAP BusinessObjects BI 4.3

Semantic Layer 2/6



SAP HANA HTTP Access (INA-based)

Access SAP HANA using HTTP-based connection

- Direct access to SAP HANA information models
- Authored BICS universe

Support level

- Support for HANA views
 - Analytic views
 - Calculation views
- Support for HANA hierarchies
- Member Selections on HANA hierarchies
- Support for HANA variables and input parameters
- Filters on hierarchies, attributes and measures

SAP HANA HTTP connections created in IDT or CMC

Edit OLAP Connection

Parameters for SAP HANA HTTP

Enter the connection parameters.

Authentication Mode: Use specified user name and password

User Name: SYSTEM

Password:

DataSource Reference: [Dropdown]

Language: English (United States) - EN Save Language

Data Source: http://mo-b610e5583.mo:

Remote database connections

Allow SQL access to the remote database

Connect to tenant

Query Panel

Member Selector

Members Levels Prompt

Balance Sheet

Assets

Liabilities and Owners Equity

Net Income

Statistical Accounts

Summary

Selection

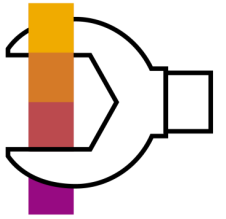
Balance Sheet

Assets

OK Cancel

SAP BusinessObjects BI 4.3

Semantic Layer 3/6



Smart refresh for SAP HANA HTTP connections

Optimize the data refresh in SAP HANA Direct Access from HANA http connections

This is **not** supported by multidimensional universes (UNX)

The same connection can contain definition for both:

- SAP HANA HTTP access (mandatory)
- SAP HANA SQL access (optional)

At runtime, Web Intelligence selects the best access to run queries according to user query specification

- SQL access if there are no hierarchies in the query
- HTTP access if there are hierarchies in the query

Connections can be only enabled in Information Design Tool

Edit OLAP Connection

Parameters for SAP HANA HTTP

Enter the connection parameters.

Authentication Mode: Use specified user name and password

User Name: SYSTEM

Password:

DataSource Reference: [Dropdown]

Language: English (United States) - EN Save Language

Data Source: http://mo-b610e5583.mo:

Remote database connections

Allow SQL access to the remote database

Connect to tenant

Host name: mo-b610e5583.mo.sap.corp

Instance number: 12

Database name: [Empty]

Connect to port or failover

Server (host:port[;host:port]): mo-b610e5583.mo.sap.corp:31215

Configuration Parameters

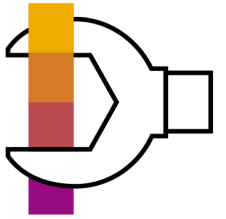
Maximum Parallel Queries: 4

Test Connection

< Back Next > Finish Cancel

SAP BusinessObjects BI 4.3

Semantic Layer 4/6



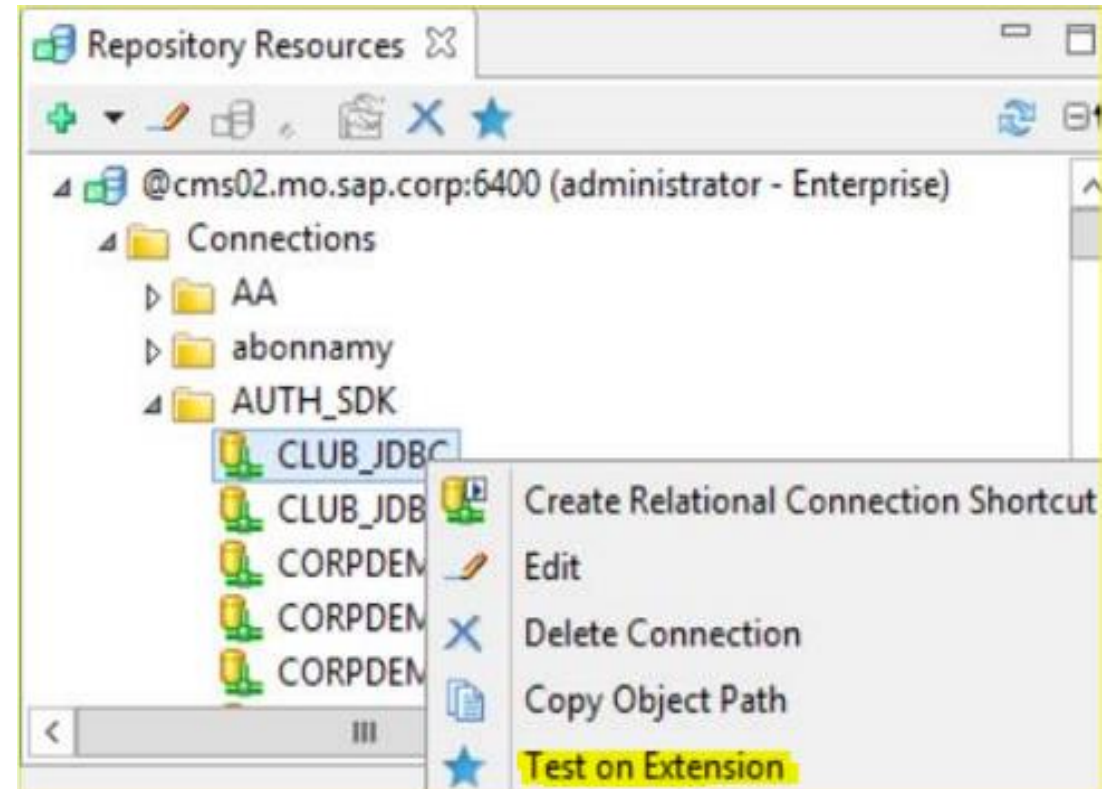
Information Design Tool: Extension

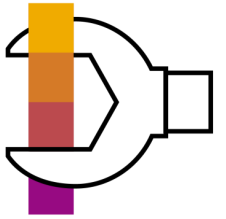
First step in SAP BI 4.2 SP7:

- Add commands to the right-click menu for local resources
- Add new view

Extended in SAP BI 4.3

- Add commands to the right-click menu in the **Resources Repository** panel
- Identify extension by icon
- Improved output **Console**





SAP BusinessObjects BI 4.3

Semantic Layer 5/6

Data Sources: New supported data sources

New natives supported data sources:

- Google BigQuery
- IBM DB2 Warehouse
- Denodo
- Snowflake
- BigData: Cloudera, Hortonworks, MapR

JavaBean driver supported by universe created with the Information Design Tool (UNIX)

- Developers (partners, customers) can write their own driver
- Java Bean Sample provided for Google BigQuery

New Relational Connection

Database Middleware Driver Selection

Select the driver for your database middleware.

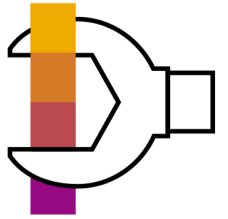
Hierarchical List Flat List

Search pattern

- > Amazon
- ▼ Cloudera
 - > Hive in CDH 6.1
 - > Impala in CDH 6.1
- > Generic
- ▼ Google
 - ▼ Google BigQuery
 - BusinessObjects OpenConnectivity
- > GreenPlum
- > Hewlett Packard
- ▼ Hortonworks
 - > Hive in HDP 2.5
 - > Hive in HDP 3.1
 - > Spark in HDP 3.1
- > IBM
- > Ingres
- ▼ Java Beans
 - > Excel Spreadsheet
 - > Generic JavaBean datasource
- ▼ MapR
 - > Hive in MEP 6.1
 - > Impala in MEP 6.1
 - > Spark in MEP 6.1
- > Microsoft

SAP BusinessObjects BI 4.3

Semantic Layer 6/6



Database Credentials

<input type="checkbox"/> Data Source Reference	Description	Account Name	Password	Confirm Password
<input checked="" type="checkbox"/> DB Test ▼		admin	.....	.....
<input checked="" type="checkbox"/> DB Prod ▼		user42	.....	.....
<input checked="" type="checkbox"/> Default ▼	Default Datasource Referer	cas	.....	.....

Data Sources: Multiple Secondary Credentials

Used in Credentials mapping authentication

Multiple secondary credentials: Several credentials mappings can be defined for a user

The credential mappings to use is selected in data source definition

New Relational Connection

Parameters for SAP BW connection

Client Number must contain 3 digits.

Authentication Mode: Use BusinessObjects Credential Mapping ▼

DataSource Reference: DB Prod ▼

Client:

User Name:

Password:

Language: Save Language

System ID:

Server Type:

SAP BusinessObjects Dashboards (aka Xcelsius) and SAP BusinessObjects Explorer **End of Life**

Replaced by

Based on Adobe Flash, these two products will be going end-of-life on **December 31, 2020**. Existing installations may continue to work, but will no longer be supported by SAP.

**SAP
Analytics Cloud**

Benefit of SAP Analytics Cloud and its Analytics Designer

Technical Guidance of Rebuilding Documents in New Product

Migration Pilot and Use Case Examples

Cloud Extension Policy

Migration Service Provided by SAP DBS (chargeable)

August 29, 2019 3 minute read

SAP BusinessObjects Explorer and SAP BusinessObjects Xcelsius End of Life. Considerations as your plan next steps using SAP Analytics Cloud

6 Likes 427 Views 1 Comment

Amazing how quickly time passes, isn't it? On July 25, 2017, Adobe posted their official announcement that they would end-of-life Adobe Flash at the end of 2020. At that time, they urged everyone to plan to migrate to new solutions on or before they stopped updating and distributing Adobe Flash.

Users worldwide have benefited from SAP BusinessObjects Explorer and SAP BusinessObjects Xcelsius (Dashboards). Based on Adobe Flash, these two products will be going end-of-life on December 31, 2020. Existing installations may continue to work, but will no longer be supported by SAP.

<https://blogs.sap.com/2019/08/29/sap-businessobjects-explorer-and-sap-businessobjects-xcelsius-end-of-life.-considerations-as-your-plan-next-steps-using-sap-analytics-cloud/>

<https://blogs.sap.com/2019/09/02/journey-to-the-cloud-for-sap-businessobjects-explorer-and-sap-businessobjects-dashboards-aka-xcelsius-customers/>

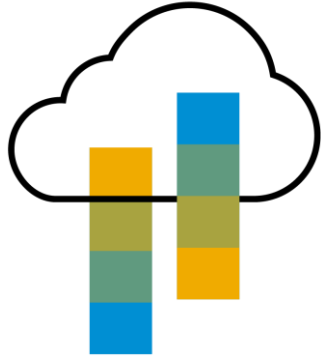
Products shipped with 4.3

- Adobe will stop supporting and distributing the Flash player on Dec 31 2020



SAP BusinessObjects BI 4.3

Key Content



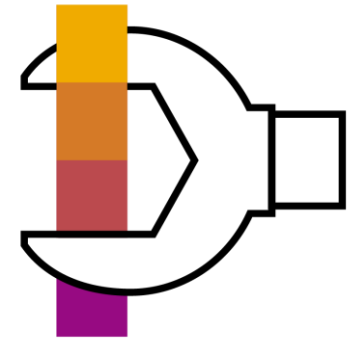
Hybrid

- Improved SAP Analytics Cloud live connectivity (universes, Web Intelligence documents)
- Simplified SSO configuration and user management across cloud and on-prem platforms
- Improved integration with Analytics Hub



User Experience

- New Fiori like BI LaunchPad
- One HTML5 Web Intelligence client
- New Web Intelligence Data Model
- Customer enhancements to key BI suite components



Enterprise Readiness

- Enhanced scheduling & publishing frameworks
- Simplified installation and deployment
- Highest security and product standards compliance
- New versions of data sources, applications and OS support
- Simplified IaaS deployment

Thank you.

Eric Fenollosa

eric.fenollosa@sap.com

www.linkedin.com/in/eric-fenollosa-5a7844

twitter.com/EricFenollosa