The Performance Management Exchange

Thursday November 24th 2016

The Hockey Hall of Fame

The Future of SAP EPM - Where It's Headed and How to Prepare

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SAP Global

The Performance Analytics Exchange
Toronto 2016

SAP EPM Roadmap: Where it's Headed and How to Prepare

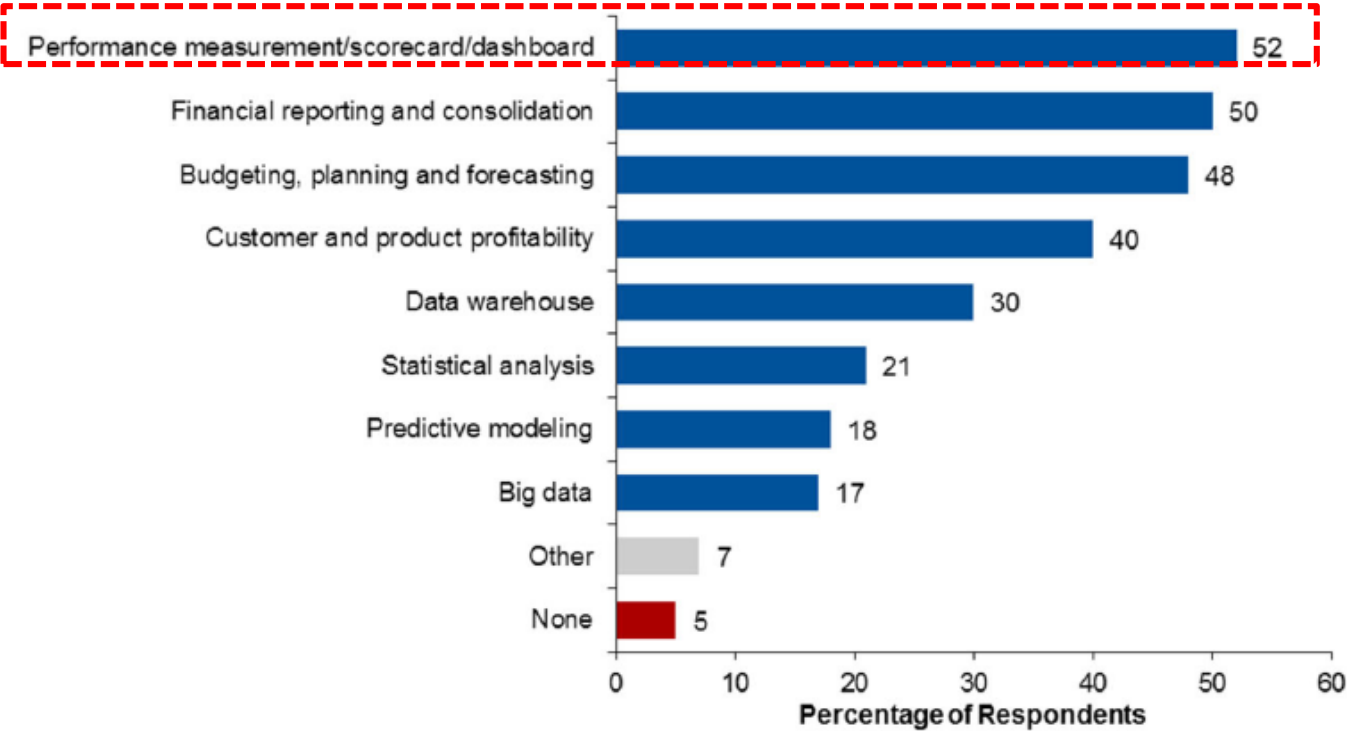Pras Chatterjee, SAP EPM Product Marketing
November

Introduction

In fact, performance management investments are the highest analytics priority for Finance

Figure 17. Business Analytics That Need Updating

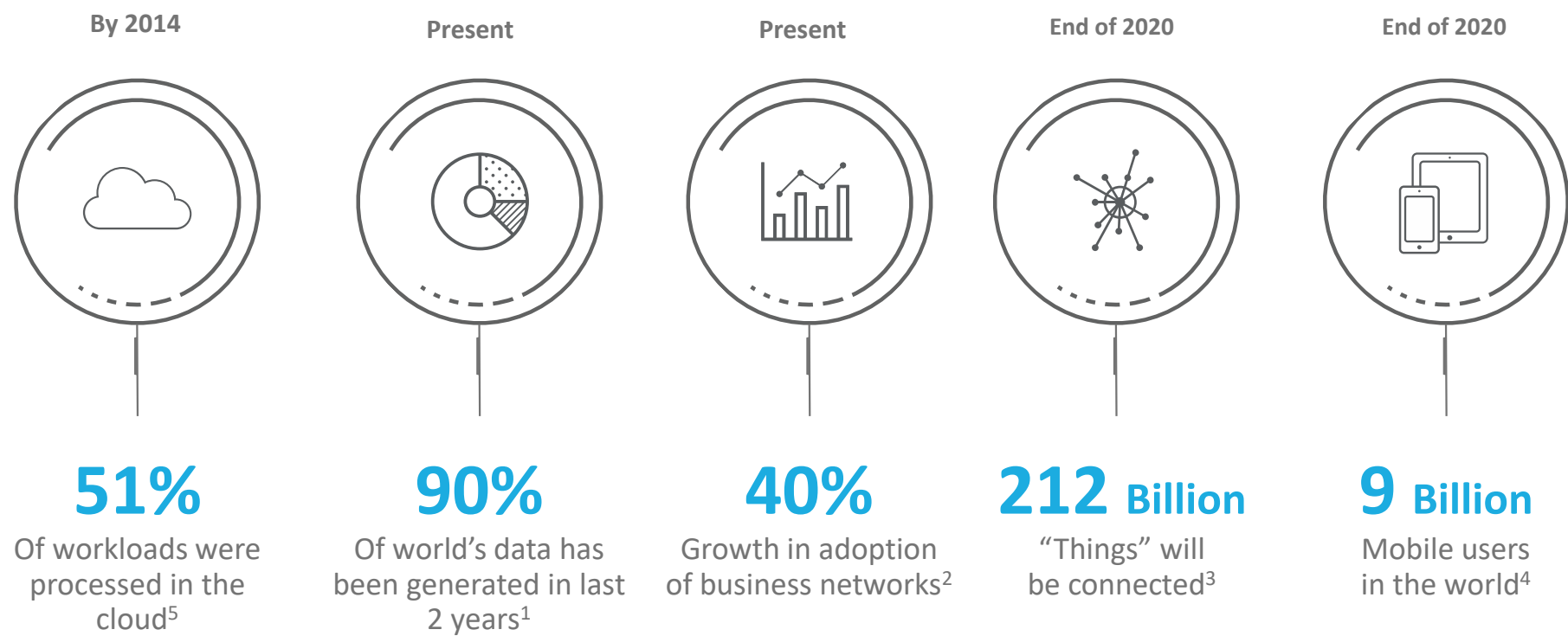| Business Analytics	Percentage of Respondents
Performance measurement/scorecard/dashboard	52
Financial reporting and consolidation	50
Budgeting, planning and forecasting	48
Customer and product profitability	40
Data warehouse	30
Statistical analysis	21
Predictive modeling	18
Big data	17
Other	7
None	5

Survey Question:
Which of these business analytics technologies is your organization currently upgrading or enhancing?

Source: Gartner (August 2015)

Source: Gartner. John Van Decker. Survey Analysis: Critical CFO Technology Needs from the 2015 Gartner FEI Study. August 2015.

# The level of investment is increasing as the world goes Digital

By 2014

51%

Of workloads were processed in the cloud[5]

Present

90%

Of world's data has been generated in last 2 years[1]

Present

40%

Growth in adoption of business networks[2]

End of 2020

212 Billion

"Things" will be connected[3]

End of 2020

9 Billion

Mobile users in the world[4]

1 ScienceDaily, May 22, 2015 | 2 Technology Adoption Report on Business Networks, Ardent Partners
3 Internet of Things (IoT) 2013 to 2020 Market Forecast: Billions of Things, Trillions of Dollars, IDC | 4 Statista
5 Cisco Global Cloud Index: Forecast and Methodology for 2013–2018, Cisco Systems Inc.

And Digital Business requires......
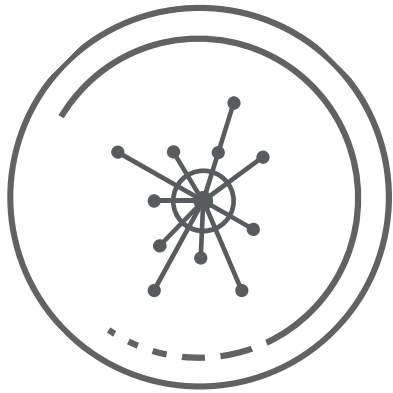
Reimagining new business models
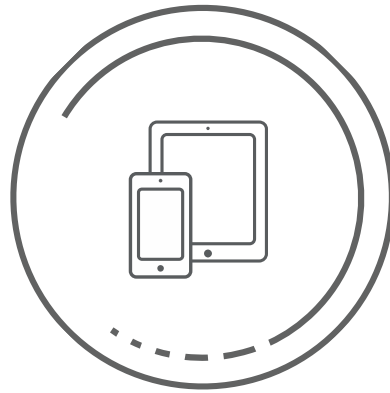
Live insight into the business

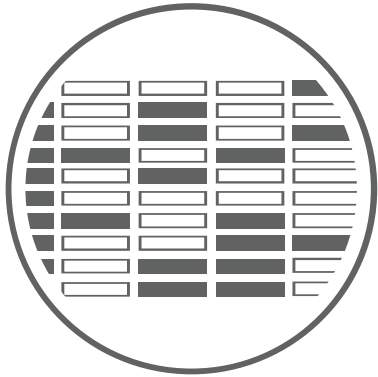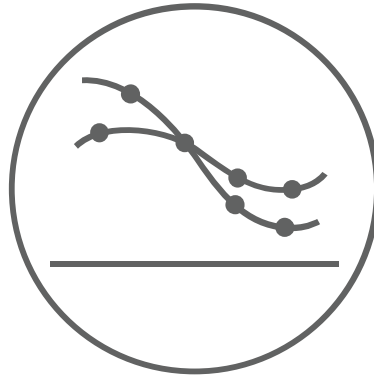**Simplified consolidation and reporting**

Reimagine business performance
with SAP BusinessObjects EPM

Plan and simulate in the moment
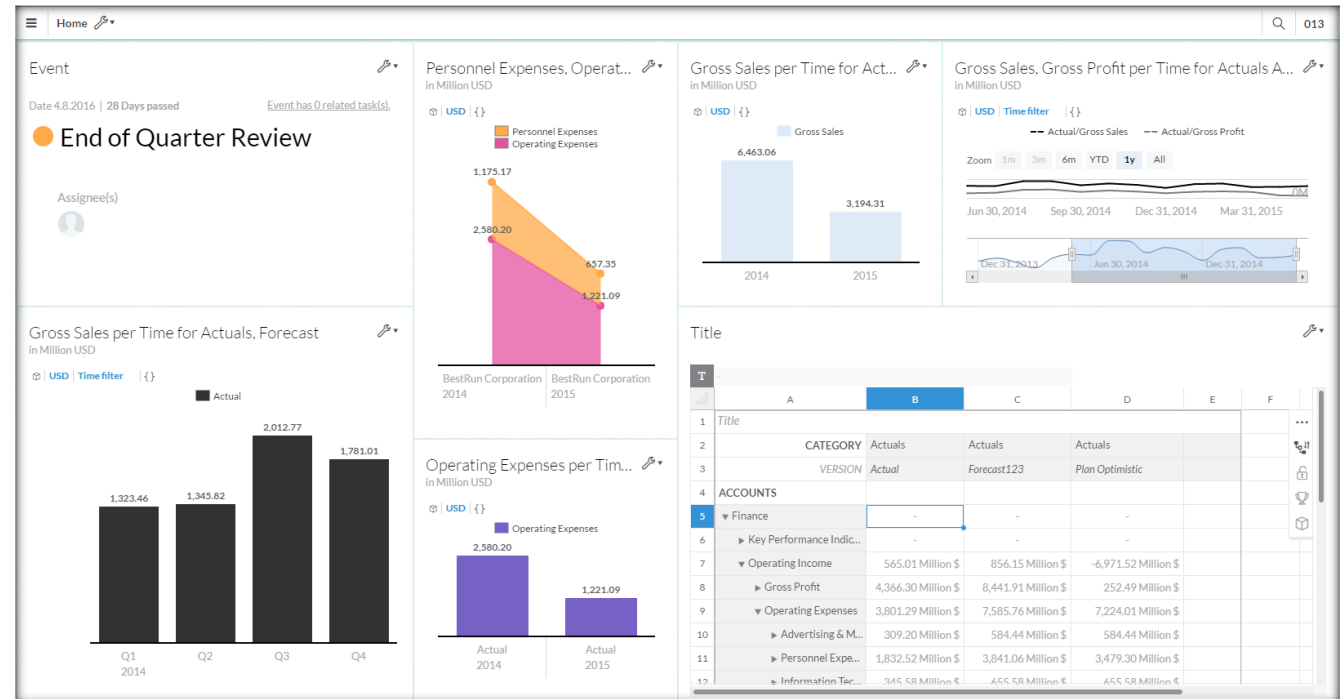
Be the engine of insight

Continuously account

Plan and simulate in the moment

Explore strategic alternatives and dynamically update plans to seize new opportunities

Collaborate in context for better alignment and accountability

Get the flexibility of standalone spreadsheets without the errors and manual work
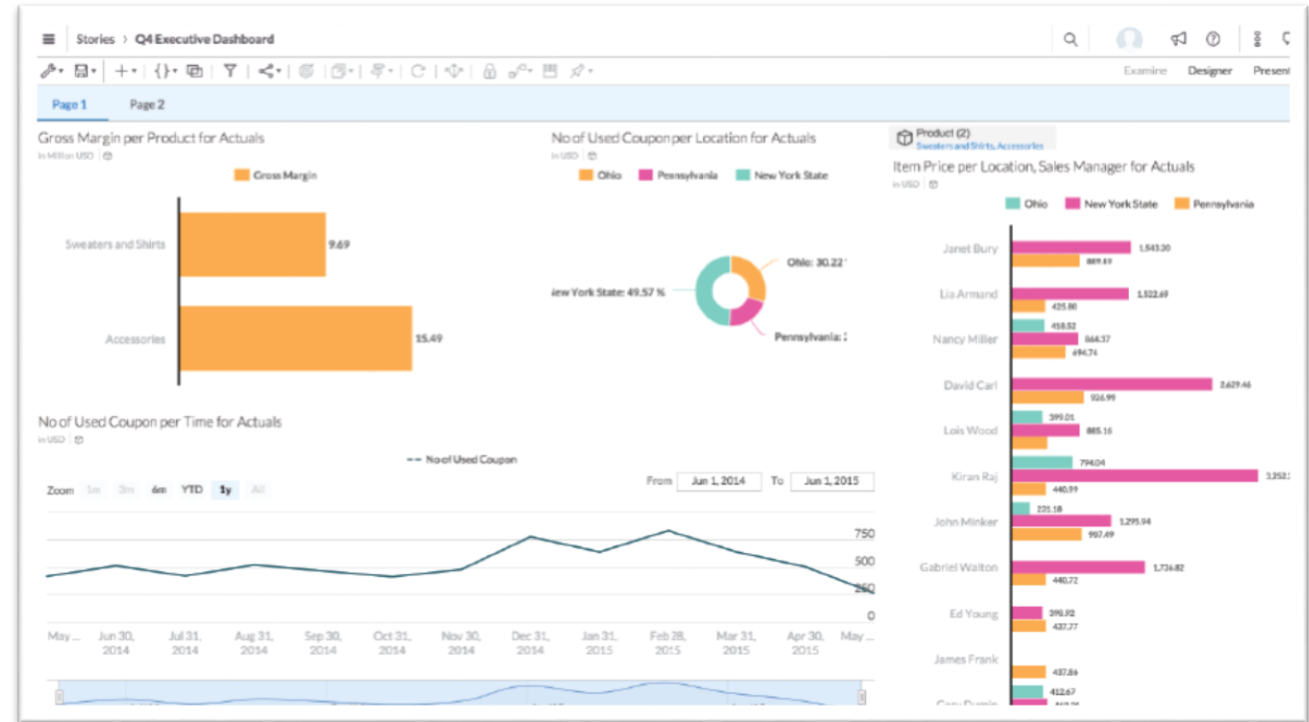
Be the engine of insight

Provide the business with live insight into what's happening to make better decisions

Discover what's profitable and what isn't to improve the bottom line

Match investments with the areas of highest value to drive growth

Continuously account

Automate consolidation and reporting to close faster with fewer errors

Report live versus waiting for period-end to act sooner and improve results

Provide real time visibility for compliance and control

SAP S/4HANA Finance: supporting live business now

Shape new business models for growth

Collaborate and connect the "live" business

Be an engine of insight

Manage risks and help ensure compliance

Optimize and automate

Business Networks

Customer Experience

SAP S/4 HANA Finance

Financial planning and analysis

Treasury and financial risk management

Accounting and financial close

Finance operations

Enterprise risk and embedded compliance

SAP HANA Platform

Workforce Engagement

Internet of Things and Big Data

Security
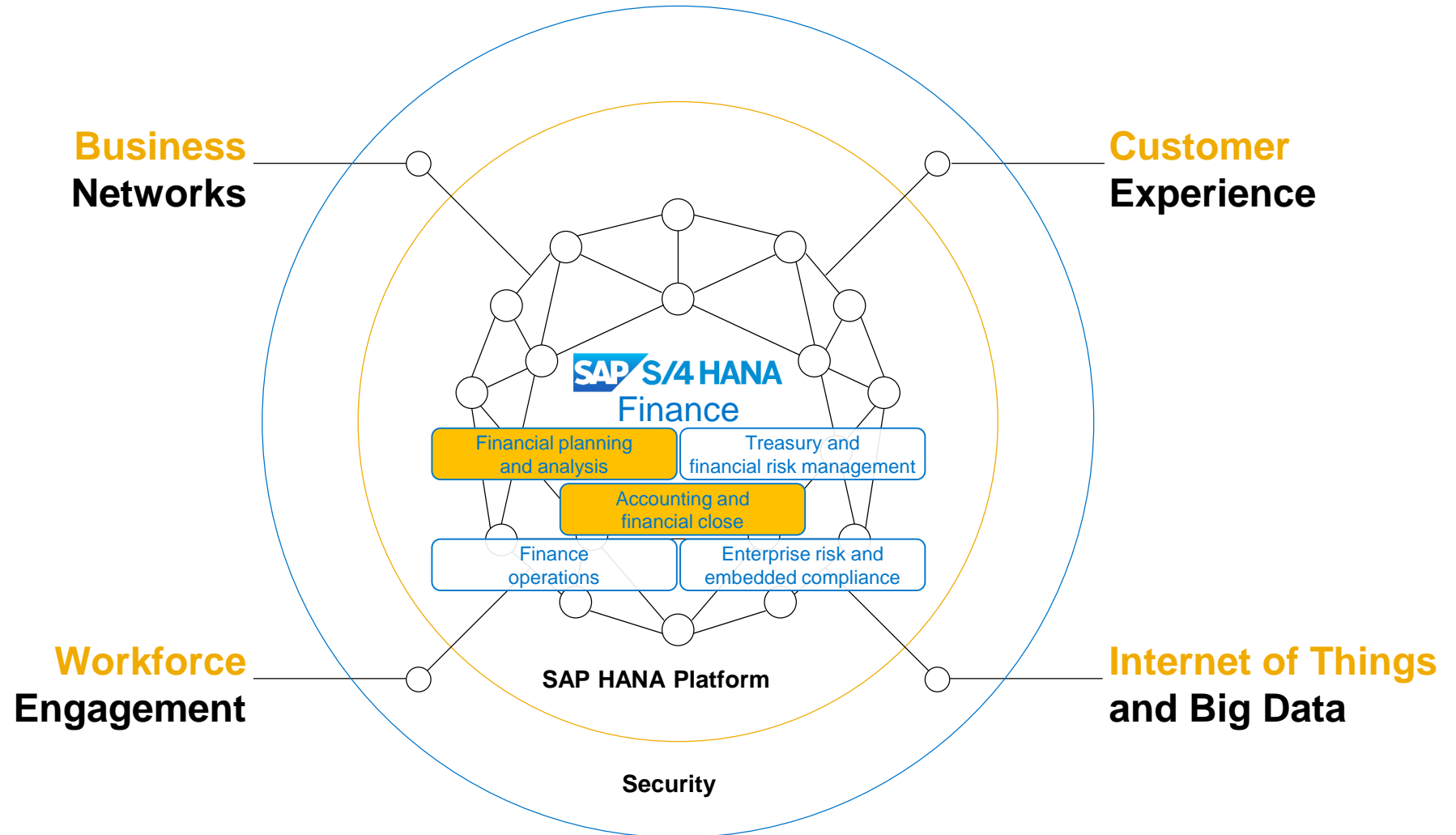
Overview of alternative deployment options

SAP Solutions for Planning

SAP BusinessObjects Cloud for planning

- Financial Planning and Analysis in the Cloud
- Modern, consumer-app look and feel
- In-context analytics and social collaboration
- High performance, real-time platform

SAP BusinessObjects Planning and Consolidation, version for SAP NetWeaver

- Unified Planning and Consolidation
- Built on SAP BW and can be powered by SAP HANA
- Available on-premise or on SAP HANA Enterprise Cloud
- Integration with SAP ERP as part of SAP S/4HANA

SAP BusinessObjects Planning and Consolidation, version for the Microsoft platform

- Unified Planning and Consolidation
- Built on Microsoft SQL Server platform
- Available on-premise*
- Client profile is often non-SAP install base**

*can be hosted

**also used by some core SAP customers

SAP Financial Planning Deployment Options

Alternative Planning Options	Prerequisites/Restrictions	Corresponding Planning Solution	
SAP BusinessObjects Planning and Consolidation Standard Model	Any supported release and database	SAP BPC NW or SAP BPC MS. Available on-premise or via managed (private) cloud on HEC.	
SAP BusinessObjects Planning and Consolidation **Embedded Model**	SAP BPC 10.1, SAP NetWeaver 7.4, and SAP HANA as underlying database	SAP BPC NW. Available on-premise or via managed (private) cloud on HEC.	All BPC. Choice is dependent on specific use case to be addressed.
SAP BusinessObjects Planning and Consolidation optimized for SAP S/4HANA (formerly IBPf)	SAP S/4HANA (ERP on HANA with SAP Accounting)	SAP BPC NW. Available on-premise or via managed (private) cloud on HEC.	
SAP BusinessObjects Cloud for planning	No prerequisites	SAP BusinessObjects Cloud for planning. (Public cloud on HCP)	

*SAP BPC is SAP BusinessObjects Planning and Consolidation

SAP Business Planning and Consolidation, version for SAP NetWeaver

SAP BusinessObjects Planning and Consolidation, version for SAP NetWeaver

Streamlined planning and a faster, more compliant close

Agile

- Engage across Finance and beyond with Microsoft Excel, HTML5 and mobile interfaces
- Rapidly deploy a best practice solution with packaged industry and functional content
- Reduce implementation time and costs leveraging the HANA Enterprise Cloud and subscription pricing

Accurate

- Achieve better results by quickly identifying true business drivers and planning accordingly
- Increase forecast accuracy leveraging embedded predictive capabilities of SAP HANA
- Plan at any level of detail and shrink consolidated financial reporting time leveraging the SAP HANA real-time platform

Unified

- Save time and reduce errors with a single, integrated solution for planning and consolidations
- Lower cost of ownership and reduce data duplication with ability to leverage existing BW data warehouse objects
- Improve consistency with direct access to master data and actuals in SAP Business Suite powered by SAP HANA
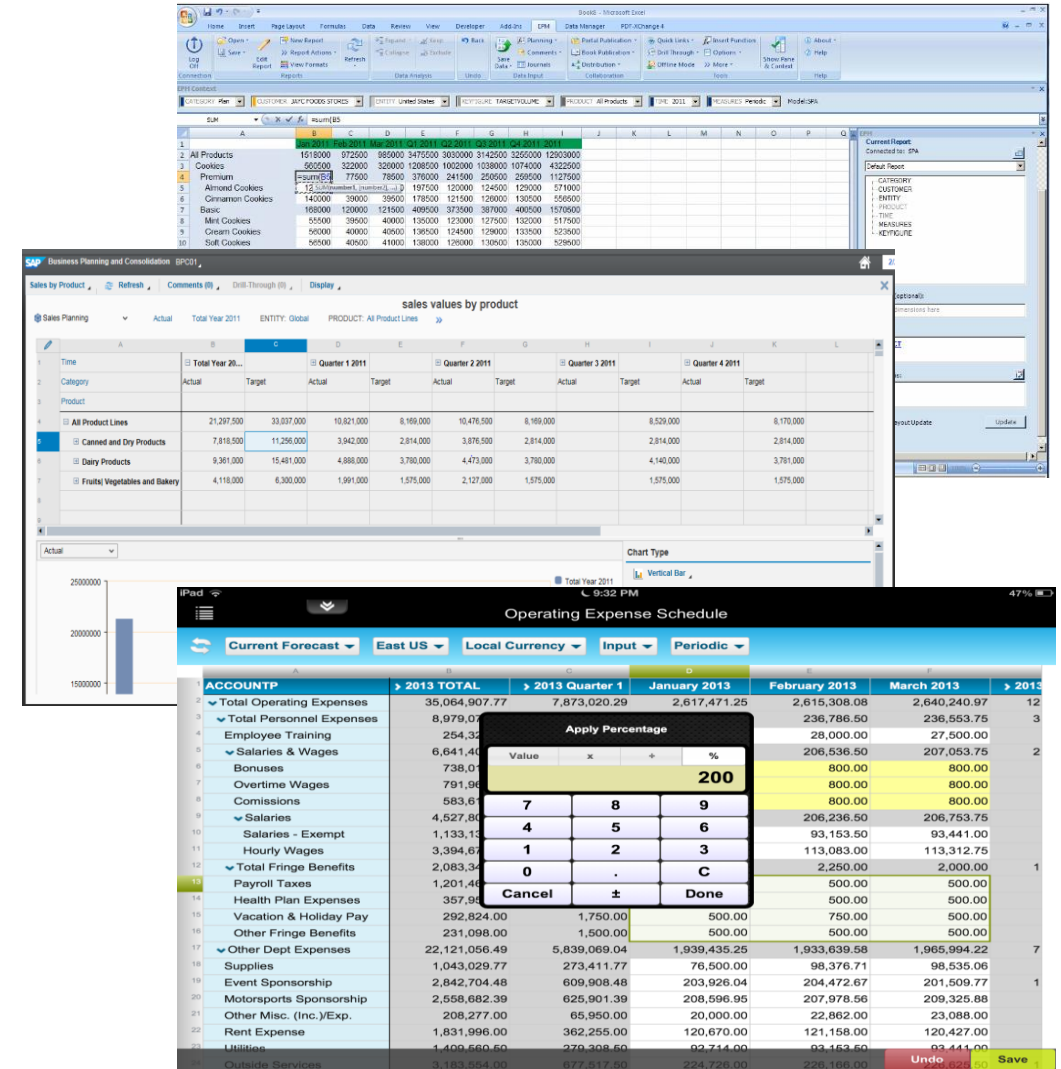
SAP BusinessObjects Planning and Consolidation 10.1 Version for SAP NetWeaver

**Complete feature support on both standard and embedded model**

- Consolidation capabilities with embedded model
- Local administration to offer greater line-of-business flexibility
- Real-time data access
- Financial planning embedded into SAP S/4HANA, allowing live integration to business transactions

Advanced collaboration

- Enhancements to business process flows and work status

Lower cost of ownership

- Predelivered financial planning content with SAP BusinessObjects Planning and Consolidation optimized for SAP S/4HANA
- Deploy with the SAP HANA Enterprise Cloud service with subscription pricing
to get up and running faster with lower up-front costs
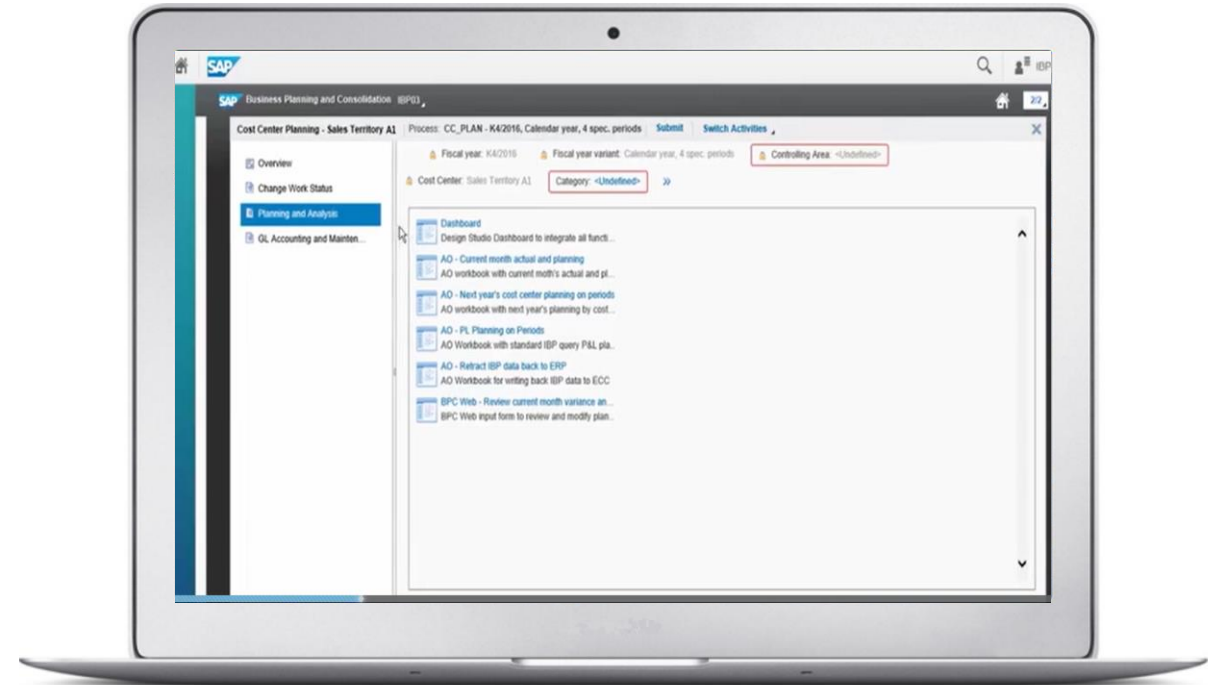
Solution today

SAP BusinessObjects Planning and Consolidation, version for SAP NetWeaver – standard and embedded model

Scope

Digital transformation
- Support for SAP BW/4HANA
- Dashboard
- Integration with predictive analytics

UX simplification and personalization
- Transformed user experience
- New home page
- UX improvement on business process flow runtime

Consolidation
- Push consolidation engine to SAP HANA
- Push control logic to SAP HANA
- Advancement consolidation monitor
- Advanced journal
- COI and IPI/IPA
-

Collaboration
- Business process flow integration with Excel client

Key benefits

- Support for next-generation SAP BW/4HANA
- Improved dashboard capability through integration with SAP BusinessObjects Lumira and SAP BusinessObjects Design Studio
- More accurate planning with user-friendly predictive capabilities using the predictive analysis library in SAP HANA
- Continuous improvement of user experience with SAP Fiori UX
- Fresh new home page design allowing personalization and quick access to frequent used features
- Optimized "My activities" user experience to better suit business need

- Further improvement on consolidation performance by pushing consolidation calculation logic to SAP HANA DB
- Enhancement control capability and performance by reusing SAP HANA rules framework
- Flexible consolidation monitor including tasks, work status, controls, and calculations
- Multiple journal templates, advanced journal settings and validation, journal upload
- Consolidation of investment, intercompany profit elimination of inventory/asset
- Dedicated business process flow pane in Excel client to improve efficiency for business user

Planned innovations

SAP BusinessObjects Planning and Consolidation, version for SAP NetWeaver – embedded model

Scope

Line-of-business flexibility
- Model planning function in Web client
- Planning function with business process flow and Web reporting
- Navigation attribute support
- Support for SAP BusinessObjects Analysis for Microsoft Office workbook from SAP BusinessObjects Enterprise

Collaboration
- Advanced comment

UX simplification and personalization
- Query-less reporting

Consolidation
- Real-time consolidation
- Matrix consolidation
- Various enhancements

Key benefits

- Business user enabled to create planning functions/sequences with simplified user experience
- Powerful planning capability enabled in Web client

- Full support for navigation attribute in business process flow and data access profile
- Better integration with business intelligence (BI) platform, support SAP BusinessObjects Analysis for Microsoft Office workbook from SAP BusinessObjects Enterprise in business process flows

- Full commentary capabilities, enhancing complex planning processes

- Enable business user to create ad-hoc reports(input forms) without IT involvement

- Continuous improvement for consolidation with SAP S/4HANA
- Matrix consolidation capability provided by introducing U.S. elimination rule
- Better compounding support, flexible hierarchy support in business rule, transport
- Multiple journal templates, advanced journal settings and validation, journal upload
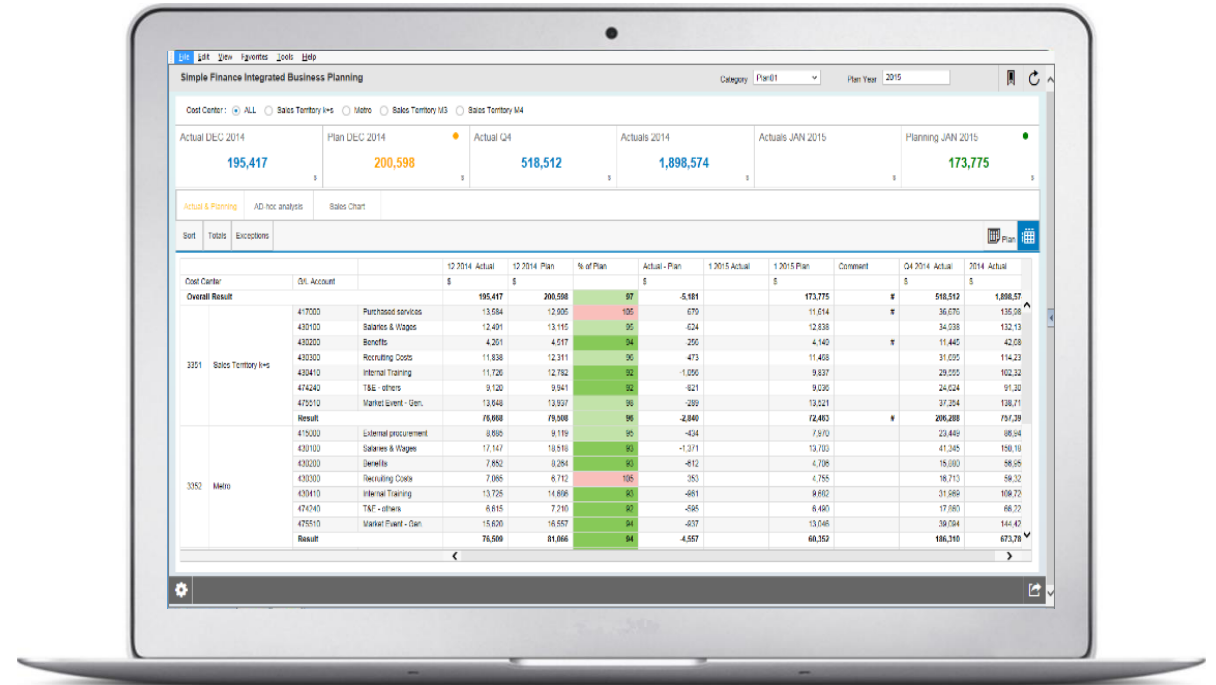
Planned innovations

SAP Business Planning and Consolidation, optimized for S/4HANA

SAP BusinessObjects Planning and Consolidation, optimized for SAP S/4HANA

- Financial planning capabilities provided by SAP BusinessObjects Planning and Consolidation integrated into SAP S/4HANA
- Support for real-time actual-to-plan reporting and variance analysis
- Deployable on a single system
- Access in real time to master data and actuals (universal journal) from SAP S/4HANA
- Data replication for purposes of planning no longer required
- Single solution supporting the end-to-end planning and reporting process
- Integrated planning across the finance functions – planning in one area automatically updates plan values within other areas (eliminates silos)
- Delivered content designed to accelerate implementation

Solution today

SAP BPC Optimized for SAP S/4HANA
Integrated platform supporting end to end financial reporting and planning

SAP S/4HANA Finance

SAP BusinessObjects Planning and Consolidation

Planning (Available today)	Consolidation (Planned*)
SAP Accounting (Available today)	SAP Cash Management (Available today)

SAP HANA

Central Finance: Real time Integration (Available Today)

General Ledger 1 (SAP or Non SAP)

General Ledger 2, … (SAP or Non SAP)
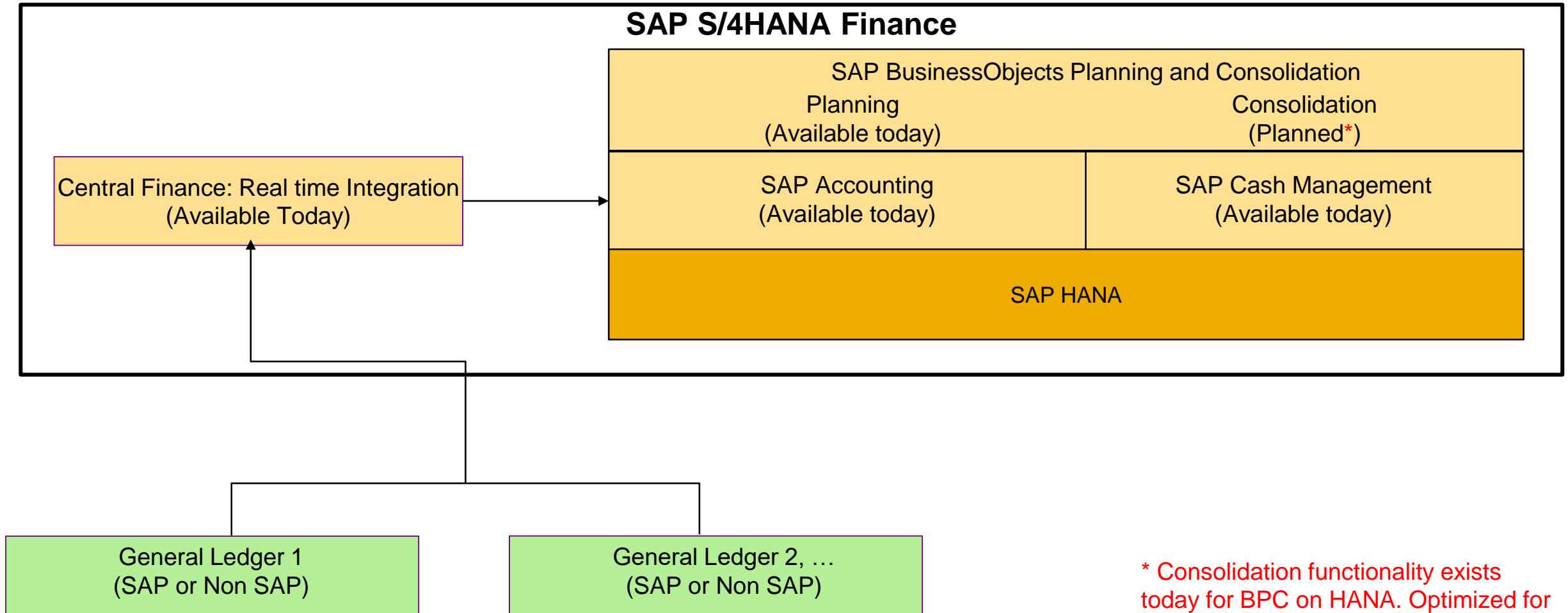
* Consolidation functionality exists today for BPC on HANA. Optimized for S/4HANA is a planned future release

SAP BusinessObjects Planning and Consolidation, optimized for SAP S/4HANA

Scope

- Enhancements in the area of simulation of cost allocations

- Activity price and activity consumption planning

- Workbook redesign

- Basic sales planning workbook

- Model extension tool (MET)

- Integration with SAP Integrated Business Planning for sales and operations

Key benefits

- Enhanced support for simulating impact of changes on key drivers of allocated costs on receiving administrative and production cost centers. Now, the distribution mechanisms "ratio," "consumed activity," and "fixed amounts" can be included in the simulation.
- Easy to estimate the consumption of and resultant costs of consuming internal services during the planning process
- Planning workbooks will be redesigned to meet SAP Fiori UX style guides
- End-user-friendly, simple workbook to record expected sales prices and quantities by material and customer group
- To reduce setup time, MET automatically generates info objects and many other artifacts needed to get the planning solution running in a shorter time frame, including customer-specific planning dimensions
- Enhanced data quality and reduced effort in integrating sales and operational planning data into the overall profit-and-loss planning process
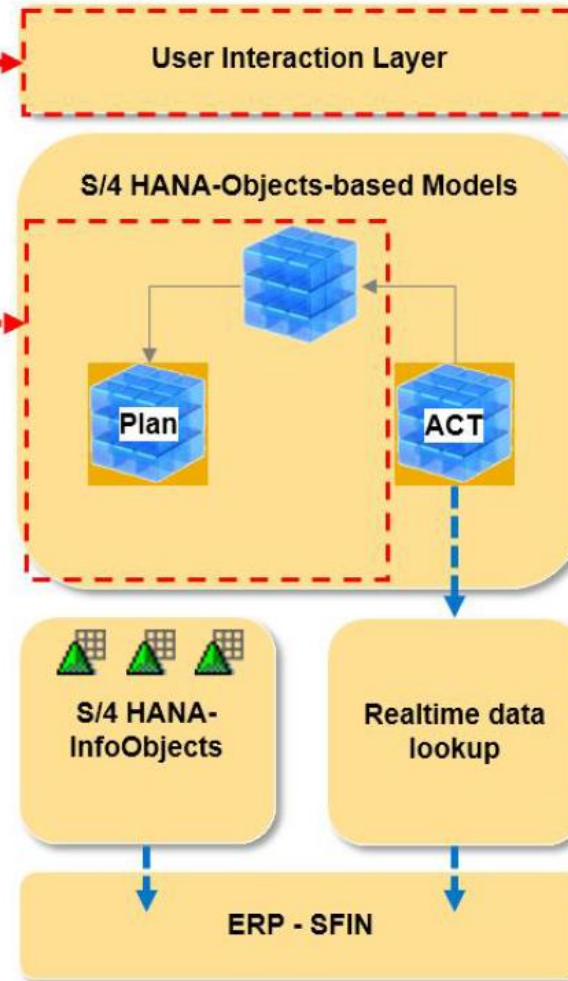
Planned Innovations

Start Today: Prepare SAP BPC Standalone for a Future Migration to SAP BPC, optimized for SAP S/4HANA Finance

BPC Standalone (Embedded Model)
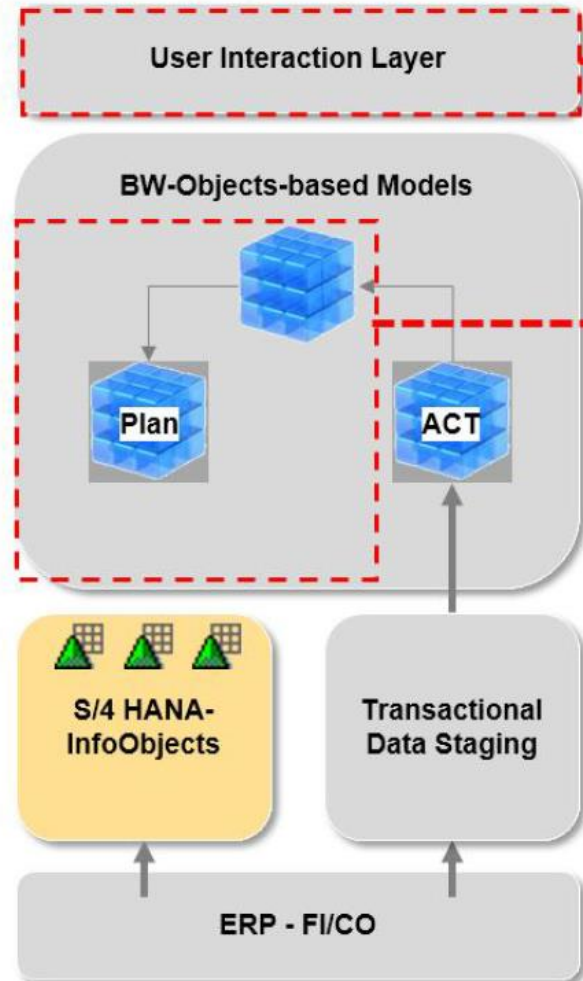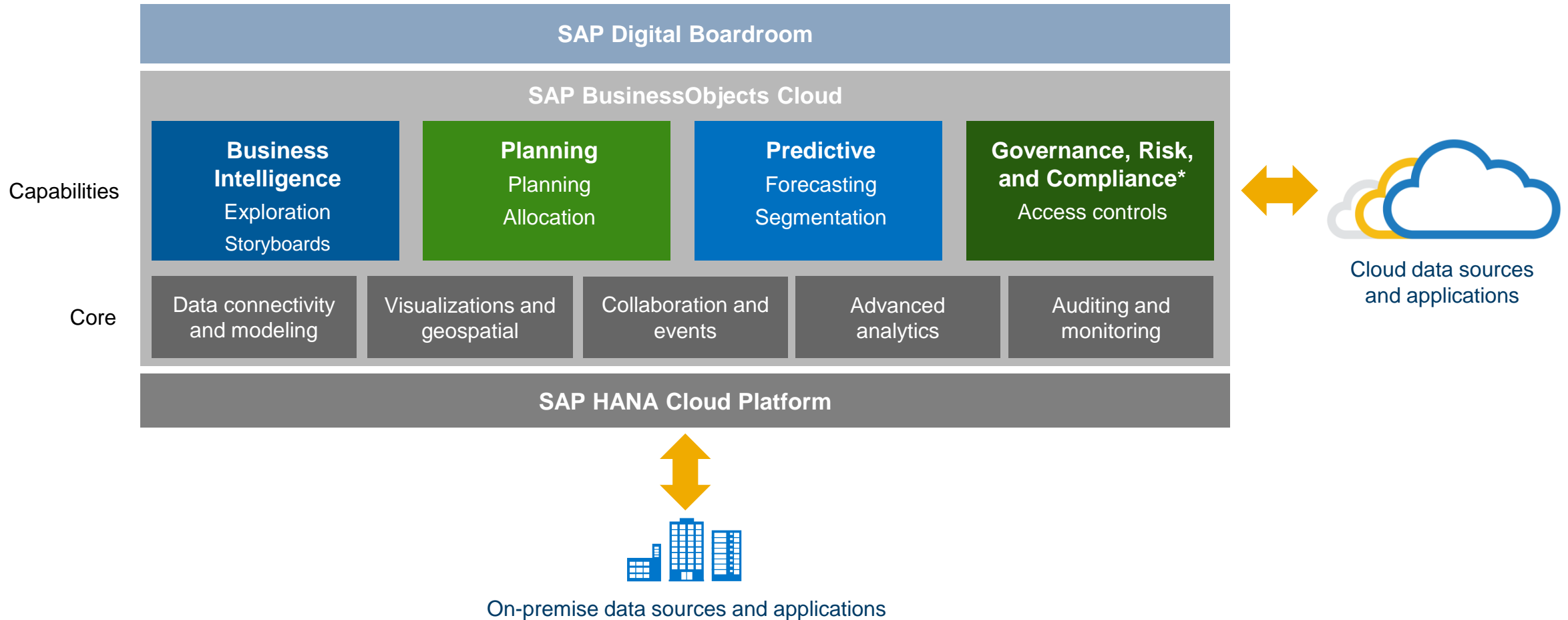
BPC, optimized for SAP S/4HANA Finance

Reporting, Planning Functionality

Please refer to SAP Note 2243472 for further details

SAP BusinessObjects Cloud for planning

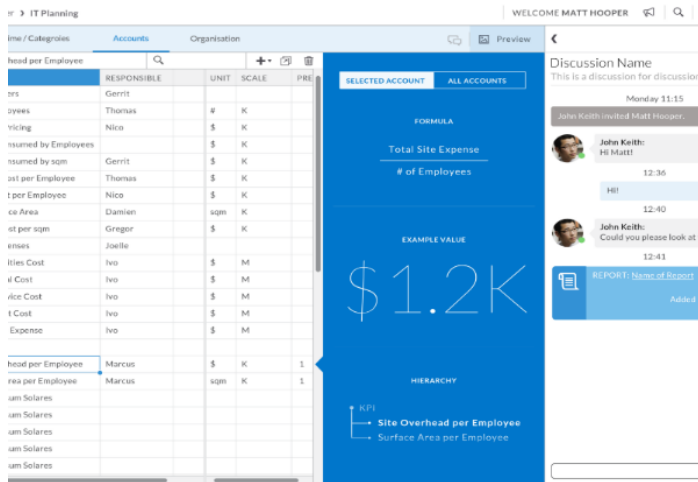# SAP BusinessObjects Cloud Overview

SAP Digital Boardroom

SAP BusinessObjects Cloud

Capabilities

Business Intelligence	**Planning**	**Predictive**	**Governance, Risk, and Compliance***
Exploration	Planning	Forecasting	Access controls
Storyboards	Allocation	Segmentation	

Core

Data connectivity and modeling	Visualizations and geospatial	Collaboration and events	Advanced analytics	Auditing and monitoring

SAP HANA Cloud Platform

Cloud data sources and applications

On-premise data sources and applications
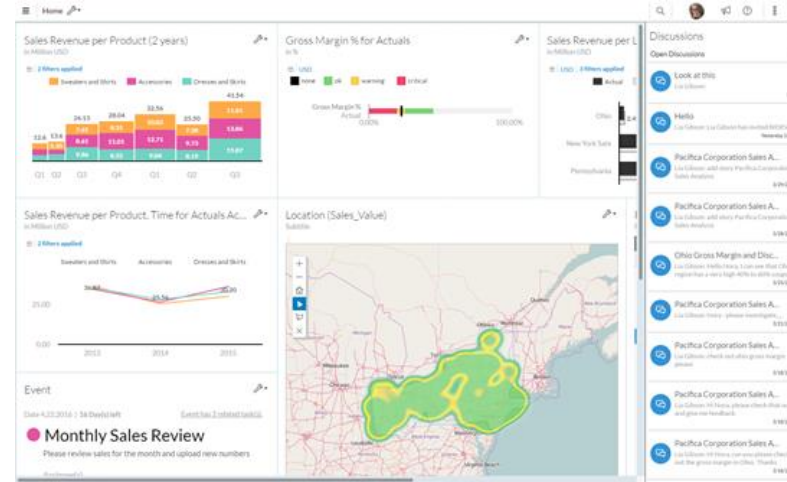
* Planned

SAP BusinessObjects Cloud Overview

Simplify

- Simply create and modify calculations and planning models and on the fly

- Take action anytime, anywhere on the desktop or on the go

- Align plans across Finance and business units with direct integration into SAP Business Planning and Consolidation

Experience

- Analyze, plan and visualize in the same application

- Personalize your KPIs, dashboard, processes and stories

- Collaborate in-context of your plan and make faster decisions

Trust
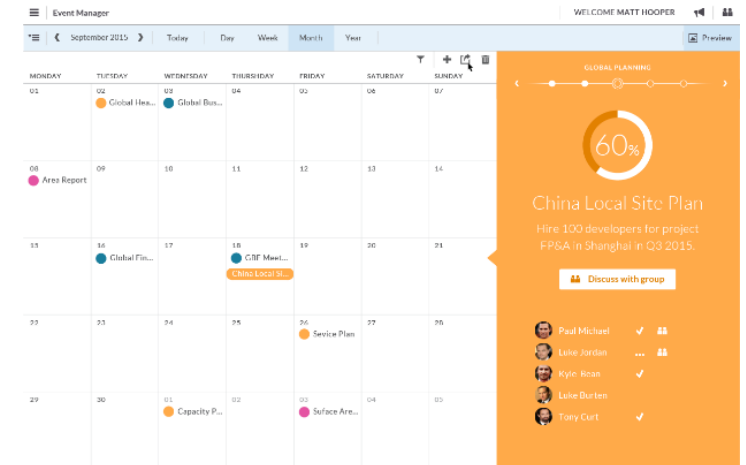
- Enjoy a new generation of planning in the cloud with a modern look and feel

- Plan and simulate at any level of detail, with any number of users, at any time

- Drive high performance planning and forecasting process with the SAP HANA Cloud Platform

SAP BusinessObjects Cloud for planning

Modeling
- Secure version
- Advanced currency conversion capabilities
  - Loading preconverted actuals
  - On-the-fly conversion during planning
- Extended multimodel linking capabilities

Report/calculation engine
- Enhanced asymmetric reporting
- Plan on asymmetric report
- International Business Communication Standards (IBCS)-like table

Process flows
- Enhanced input schedules
  - Set recurrence for input schedules
  - Monitoring of workflows/input schedules
  - Validations enabled

Value driver tree
- Enhanced consumption flow
  - Add, remove, relink nodes
  - Group, ungroup nodes
- Consumption of calculated accounts

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

SAP BusinessObjects Planning and Consolidation, version for the Microsoft Platform

SAP BusinessObjects Planning and Consolidation 10.1
## Version for the Microsoft platform

Increased usability

- New HTML5 UI supporting easier navigation and cross-platform readiness
- New Web report and input form capabilities now available
- Advanced consolidation monitor

Enhanced support for automated variance analysis

Bidirectional integration with SAP BusinessObjects Cloud for planning

Support for Chrome and Windows 10
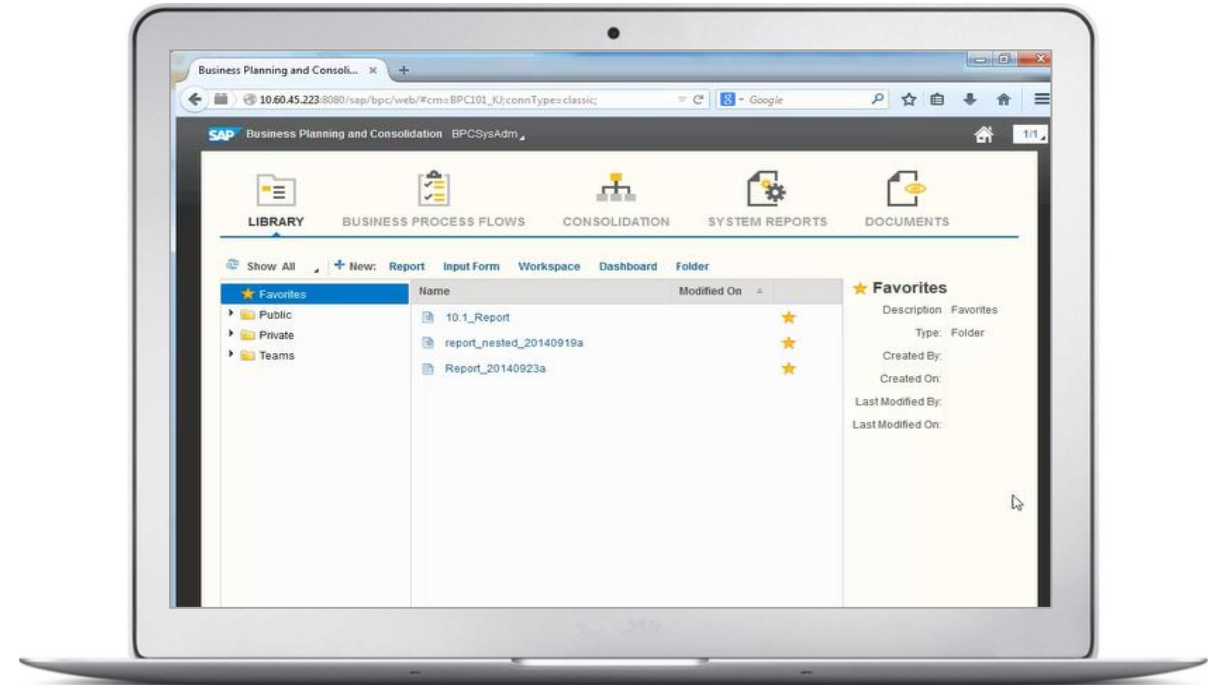
SAP BusinessObjects Planning and Consolidation, version for Microsoft

Scope

- Incremental consolidation
- Matrix consolidation
- Controls monitor
- Advanced business process flow
- Ability to open Excel reports from workspace
- Support for mobile app

Key benefits

- Better performance and productivity to run consolidation when data changes, reducing time to close
- Easier way to run both legal consolidation and management consolidation by sharing same model and data
- Exception-based validation with greater control and visibility, enhancing accuracy
- More powerful and flexible process flow for planning and consolidation activities
- Greater productivity by allowing business users to group relevant reports together for frequent use under the same business context
- Broader adoption and increased engagement by leveraging mobile devices

Planned innovations

Thank you