SAP BusinessObjects 4.3

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SAP is committed to continue to invest into the on-premise BI Suite

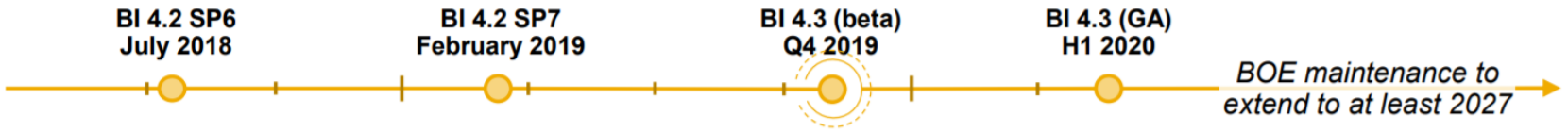
SAP BusinessObjects BI 4.3
Expanding, Extending, and Innovating SAP Analytics

SAP continues to invest into the on-premise BI Suite

- SAP plans to release the next version of the BI suite by Q4 2019 (beta)
- BusinessObjects BI 4.3 will then become generally available in Q2 2020 (GA)
- As per the Maintenance Policy, the maintenance will be extended to 2027 at a minimum

…while 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 onprem 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

- 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
Harmonize user experience and foster BI adoption with a Fiori like 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
Enhance ease of deployment and support latest industry standards

- 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

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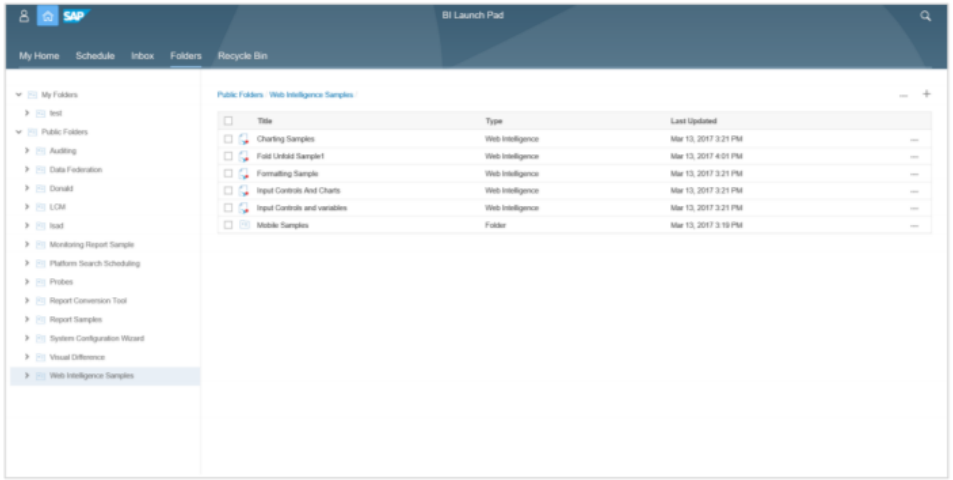
New Fiori like BI Launchpad

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



Customization

- Customizable home page of BI launchpad that offers quick access to information and personalized experience
- Style and branding customization persisted in future software maintenance

SAP BusinessObjects Web Intelligence 4.3
One Web Intelligence client

Improved user experience

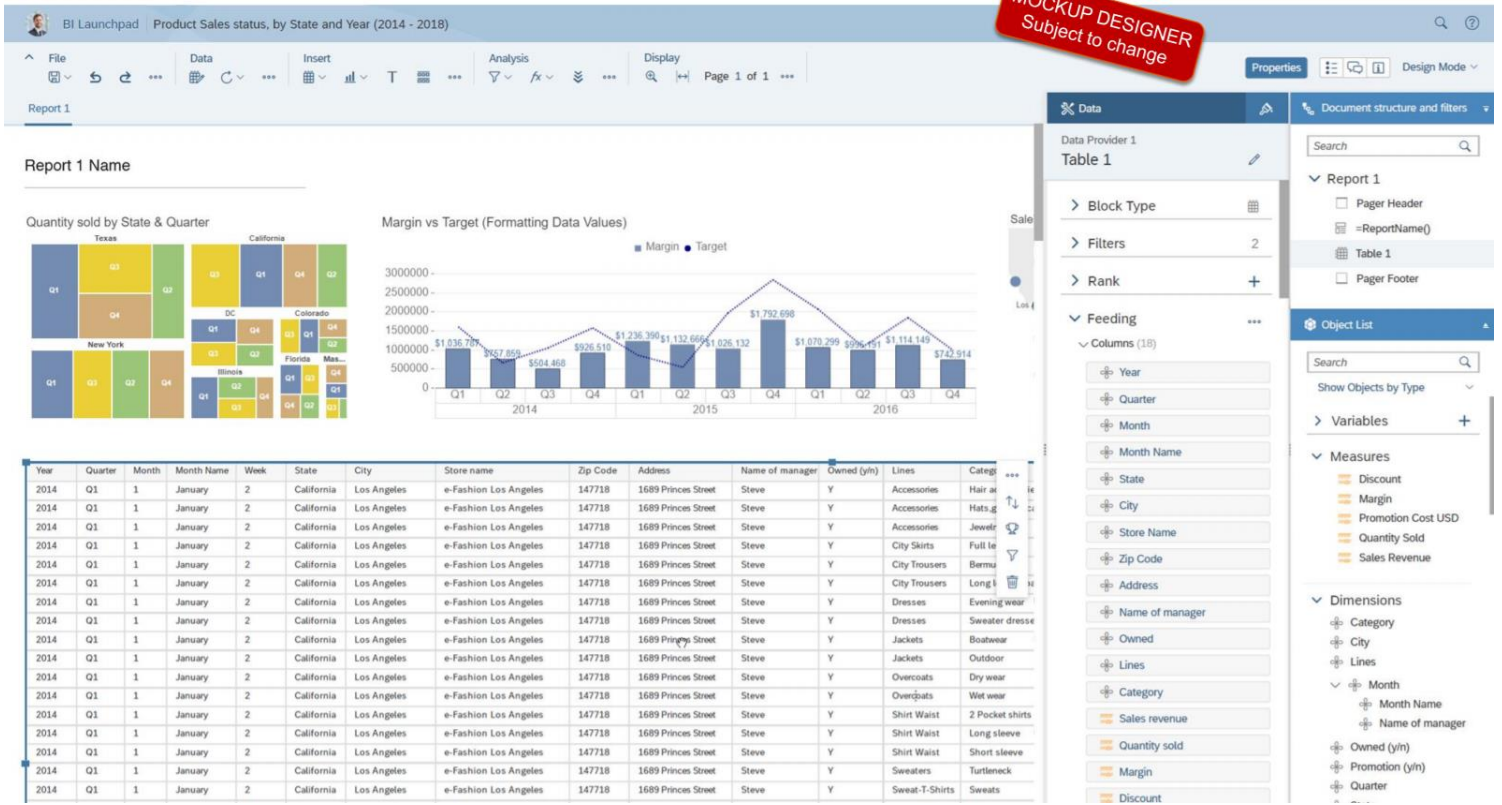
- One client for the web and the desktop, for viewers and designers
- Consistent with the new Web Intelligence interactive viewer
- HTML5 (no Java required anymore), FIORI like
- Touch ready
- Full parity with the Web Intelligence Java Applet and Web Intelligence Rich Client 4.2 SP07

Main UI improvements

- Light menu bar (no double ribbon)
- New Formatting panel, with immediate result of contextual formatting actions
- New Build (Feeding) panel, for a "trial" experience when authoring and analyzing a report
- New contextual Widget in addition of the Right-Click
- **Overall, the UI enhancements unlock end-user autonomy, self-service Reporting and Dashboarding**

SAP BusinessObjects Web Intelligence 4.3

One Web Intelligence client - designer



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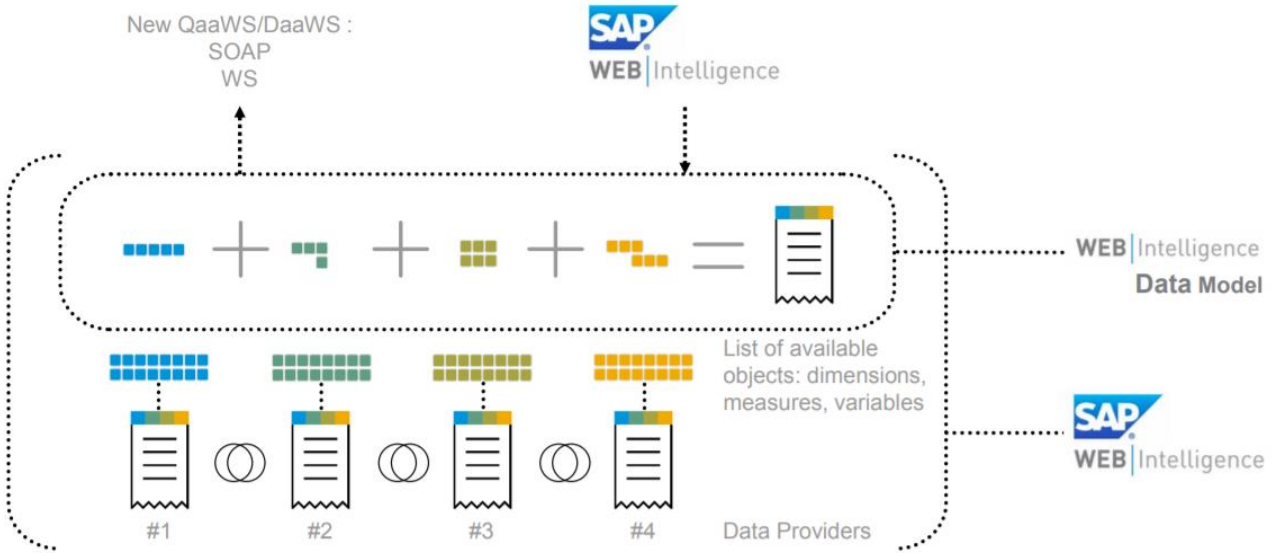
SAP BusinessObjects Web Intelligence 4.3
Sharing the SAP BusinessObjects Web Intelligence data model

- 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)



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SAP BusinessObjects Web Intelligence 4.3

Sharing the SAP BusinessObjects Web Intelligence data model (2)

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 or a Dashboard
- Share their analysis via a WebI document

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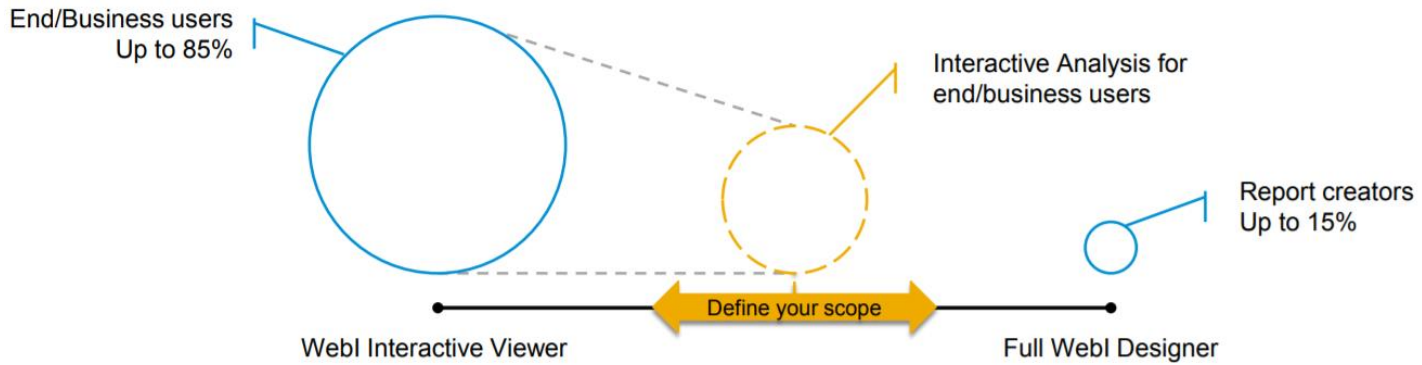
SAP BusinessObjects Web Intelligence 4.3

Continuous innovations to simplify the report consumption and creation

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

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



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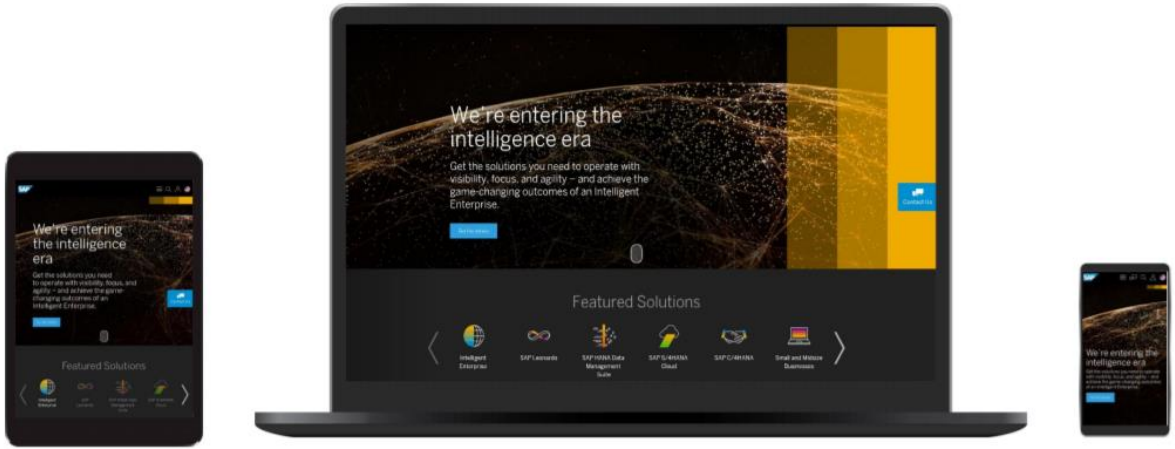
SAP BI Mobile
New Web Intelligence 4.3 experience

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



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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 (ex: Snowflake, Google BigQuery)
- Simplified IaaS deployment: enhancements provided to support bulk updates, track settings etc.

Products not shipped with 4.3

- Adobe will stop supporting and distributing the Flash player on Dec 31 2020
- SAP BusinessObjects Dashboards and SAP BusinessObjects Explorer both depend on Flash
- and hence will not be available in SAP BusinessObjects BI 4.3
- Please refer the following links for additional details
  - KBA 2739919 – Dashboards will be removed in BI4.3
  - KBA 2729987 – BI Widgets will be removed in BI4.3
  - KBA 2679783 – Explorer will sunset by end of 2020
- After Dec 31 2020, existing installations may continue to work, but will not be supported by SAP
- SAP recommends SAP Analytics Cloud as the replacement for SAP BusinessObjects Explorer
- SAP recommends SAP Lumira Designer as the replacement for SAP BusinessObjects Dashboards

SAP BusinessObjects Business Intelligence suite
Product or portfolio areas of future investment

- The product vision is to build further on strengths and key capabilities to satisfy the needs of SAP Enterprise customers to create, manage, and operate cost effectively.
- A new BI launchpad offers an SAP Fiori–like experience for both reading and design workflows
- There is a 64-bit installer, and going forward, the client tools will be 64 bit.
- In addition, enhancements in semantic layer, core BI platform capabilities, and installation experience will continue to be better with every service pack.
- Enhancements are planned for the existing offering based on customer inputs, user groups, and top-voted ideas in the Customer Influence program.
- The next big steps in SAP BusinessObjects Web Intelligence are to enhance the viewing capabilities, to improve sharing of data semantics defined in reports, and to further improve user experience and functionalities in key workflows such as interactive analysis and notification, query creation, and report creation.
- In addition, enhancements in the hybrid use cases are planned to integrate seamlessly with both SAP Analytics Hub and SAP Analytics Cloud.

SAP BusinessObjects Business Intelligence suite
Upcoming short- and midterm innovations

- Automate onboarding of SAP BusinessObjects Enterprise users as SAP Analytics Cloud users: Provision to easily create an SAP BusinessObjects Enterprise user as an SAP Analytics Cloud user with an appropriate role mapping and enabling all required attributes.
- Identify access to content in the BI platform from SAP Analytics Hub: Provide access information in SAP Analytics Hub for
- SAP BusinessObjects Enterprise report contents, such as green indicator if the user has access or red indicator has no access.
- Provide an automated option to create SAP BusinessObjects Enterprise assets in SAP Analytics Hub with metadata populated
- Enable accessing SAP BusinessObjects Web Intelligence data from SAP Analytics Cloud
- Take advantage of geo hierarchy and time hierarchy support in universes
- Provide performance improvements in key applications, such as auditing, monitoring, promotion management, and more
- Provide an SAP Fiori–like BI launchpad on par with the old version; it will be the default available out of the box

Transition from BEx to modern BI tools

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Transition from BEx to modern BI tools

SAP Business Explorer	SAP® Analytics Cloud
Query Designer	Query Designer in BW Modeling Tools (Eclipse)
Analyzer	SAP Analysis for Microsoft Office, edition for SAP Analytics Cloud
Web Application Designer	SAP Analytics Cloud Analytic Applications
Web Analyzer	SAP Analytics Cloud Data Analyzer

SAP Analysis for Microsoft Office and SAP Analytics Cloud

SAP Analysis for Microsoft Office, edition for SAP Analytics Cloud

- Available as of Q2 2019
- Real subset of standard edition of Analysis Office
  - With forced authentication to SAP Analytics Cloud
- Targeted for
  - SAP Analytics Cloud subscription customers
  - Live connection to HANA and BW sources

SAP Analysis for Microsoft Office, Standard edition

- You have a BI deployment and want to store workbooks on BI platform or BW
- You want to access BW and HANA models directly (not via SAC models)
- You want to use EPM or BPC
- Note: the standard edition can also access SAP Analytics Cloud Models

SAP Analysis for Microsoft Office – Analysis plug-in

Product road map overview – Key innovations

Recent innovations

Analysis – Integration into SAP Analytics Cloud

- Planning support

Analysis – Continuous improvements

- Comments (SAP BW/4HANA)
- Enhanced reporting features GetData enhancements
- Planning
  - Support planning function for file upload
  - Master data planning (SAP BW/4HANA)
- UX: Two ribbon tabs

Performance improvements

- Enhanced book publication template validation
- Enhanced refresh action
- Enhanced dynamic formatting based on dimension member/property

2019 – Planned innovations[1]

Analysis – Integration into SAP Analytics Cloud

- Access to online SAP BW and SAP HANA sources (live connection)
- Plan on new data

Analysis – Continuous improvements

- Enforce secure connection
- Support for cloud-based SAP S/4HANA
- SAPGetData function enhancements
- Grouping of dimensions
- Repeat headers in cross-tab
- Open workbooks from SAP Fiori launchpad

EPM and analysis

- Merge of EPM stand-alone add-in and EPM plug-in
- Office 2019 support

2020 – Product direction[1]

Analysis – Integration into SAP Analytics Cloud

- SAP Analytics Cloud repository

Analysis – Continuous improvements

- Comments enhancements (for printing)
- Filter on display attributes (SAP BW)
- Use restricted/calculated key figures as template (SAP BW repository)
- Delete row in master data plan query (SAP BW/4HANA)

Analysis and EPM – Continuous improvements

- Strengthen self-service

2021 – Product vision[1]

Analysis – Continuous improvements

- Support new sources such as SAP Data Warehouse Cloud

Analysis and EPM – Continuous improvements

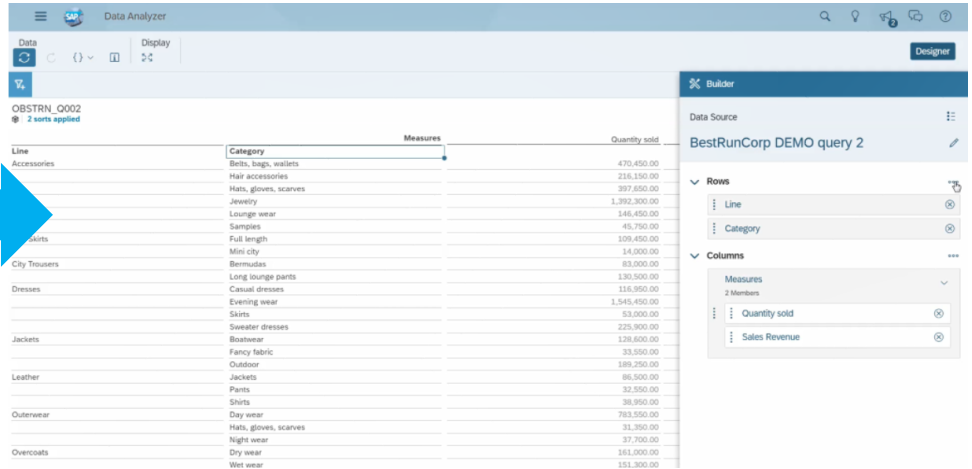
- Strengthen self-service
- Enhanced reporting features
  - Asymmetric reporting: Simplified definition of asymmetric structures

1. This is the current state of planning and may be changed by SAP at any time without notice.

SAP Analytics Cloud
Data Analyzer

The data analyzer is a predefined ready-to-run service for SAP BW queries. It uses SAP BW live connections created in SAP Analytics Cloud. All SAP BW queries can be accessed directly in the *Select Data Source* dialog and no additional model is created.

- Can be used for S/4HANA as well
- SAP BEx Web Analyzer „replacement"
- URL parametrization - specify the SAP BW connection and the query:
  `view_id=dataAnalyzer;connection=<CONNECTION_NAME>;dataSourceName=<DATA_SOURCE_NAME>`



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How to start with SAP Analytics Cloud?
Best practices

Try out SAP Analytics Cloud

- Free 30-Day Trial (Import Data Connections only)
- Live Connection to On-Premise systems (Contact your SAP AE for options)

SAP Analytics Hub – expand analytics across the organization

Move to the latest version of SAP BusinessObjects BI 4.2

- Make sure your Universes and connectivity with SAP Analytics Cloud are available today

Right position for SAP BusinessObjects BI 4.3

- Consider "Right Size / Down Conversion" based on your needs
- Get the best return for your SAP BI investment

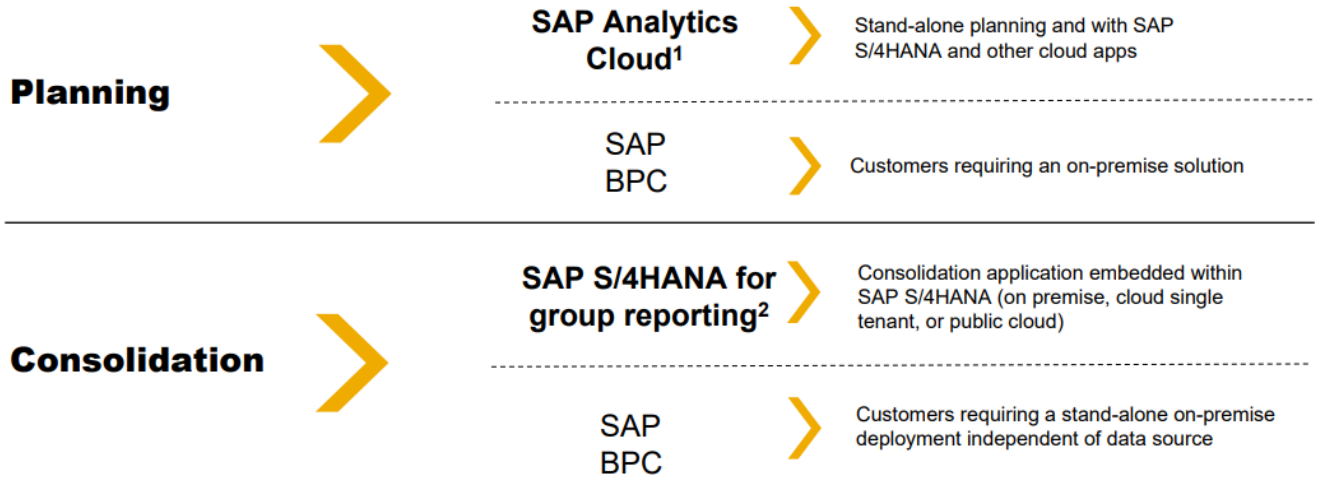
Innovation with SAP Analytics Cloud

Business Planning and Consolidation

Business Planning and Consolidation

SAP Business Planning and Consolidation

Direction update



1. SAP's primary strategic solution for planning moving forward is SAP Analytics Cloud. SAP BPC for SAP S/4HANA can still be used for real-time planning on SAP S/4HANA on premise, and SAP BPC, version for SAP BW/4HANA, is recommended for stand-alone on-premise deployments.
2. SAP S/4HANA for group reporting is SAP's strategic consolidation solution moving forward, in particular for customers implementing SAP S/4HANA irrespective of deployment option (cloud or on premise) as well as for customers looking for a public cloud stand-alone offering. Group reporting can be used independently from operational accounting or other ERP functions in SAP S/4HANA if desired.

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