

Roadmap for BI Success:

**The latest on SAP BusinessObjects 4.3
& SAP BusinessObjects Private Cloud Edition (PCE)**



Today's Session

Key Topics

- Introductions
- SAP BusinessObjects Update
 - BusinessObjects 4.3
 - Private Cloud Edition
- PCE Adoption Kit
- Q & A

Today's Presenters



ERIC FENOLLOSA

*Head of Product Management,
Augmented Analytics,
SAP*



ALLAN PYM

COO, APOS

Who is APOS?

- Formed in 1992
- Enabling BI platform management, administration, migration, governance and compliance
- Simplifying, automating, extending SAP BusinessObjects and SAP Analytics Cloud
- Strategic SDK development and consulting
- Hundreds of customers globally



APOS



**SAP
BusinessObjects**



Hybrid BI



**SAP
Analytics Cloud**



EXTEND
SAP ANALYTICS



HOUSEKEEPING



You will have
access to the
slides via
email



You will get
the recording
within 24
hours



Tell us how
we did in the
survey



Eric Fenollosa

Head of Product Management, Augmented Analytics
SAP





The latest on SAP BI 4.3 & Private Cloud Edition (PCE)

Eric Fenollosa, SAP
January 20, 2022

Public

Speaker



Eric Fenollosa

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

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Agenda

SAP BusinessObjects BI 4.3 overview

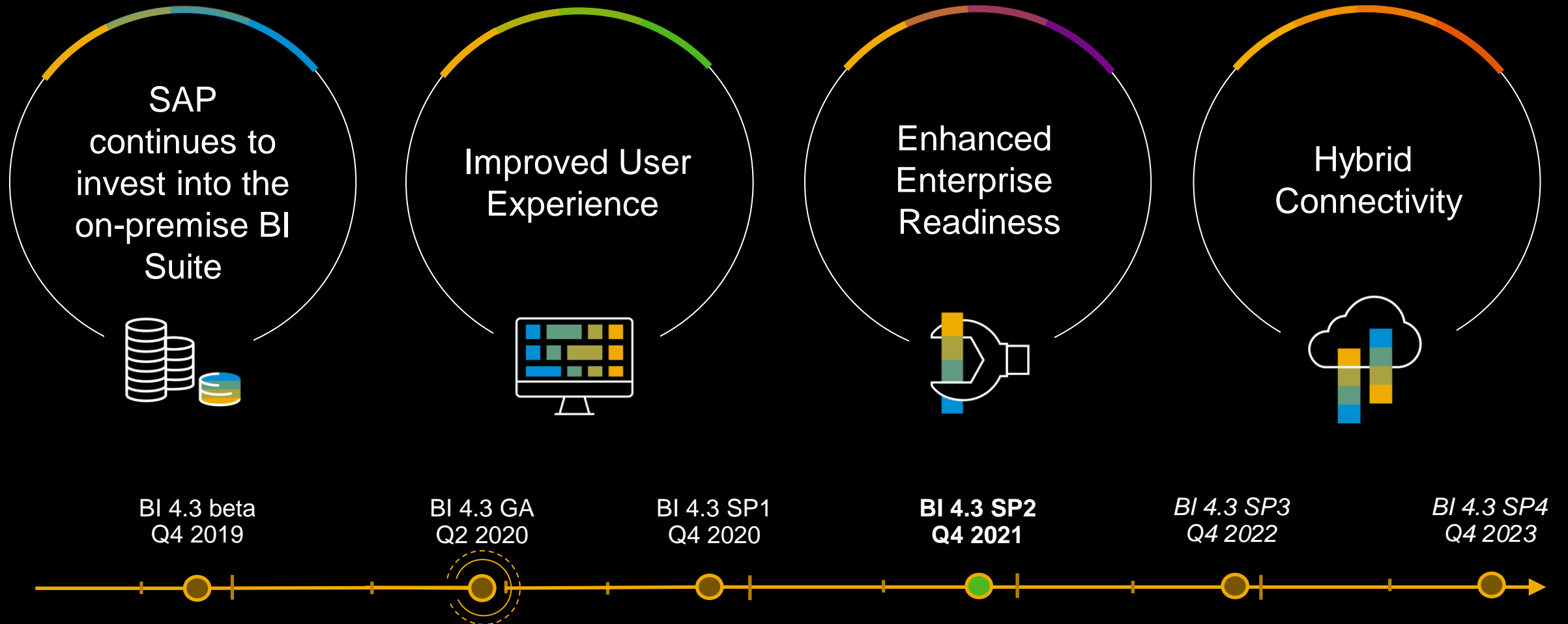
SAP BusinessObjects BI 4.3 SP2 selected features

SAP BusinessObjects, private cloud edition overview

The road ahead

SAP BusinessObjects BI 4.3

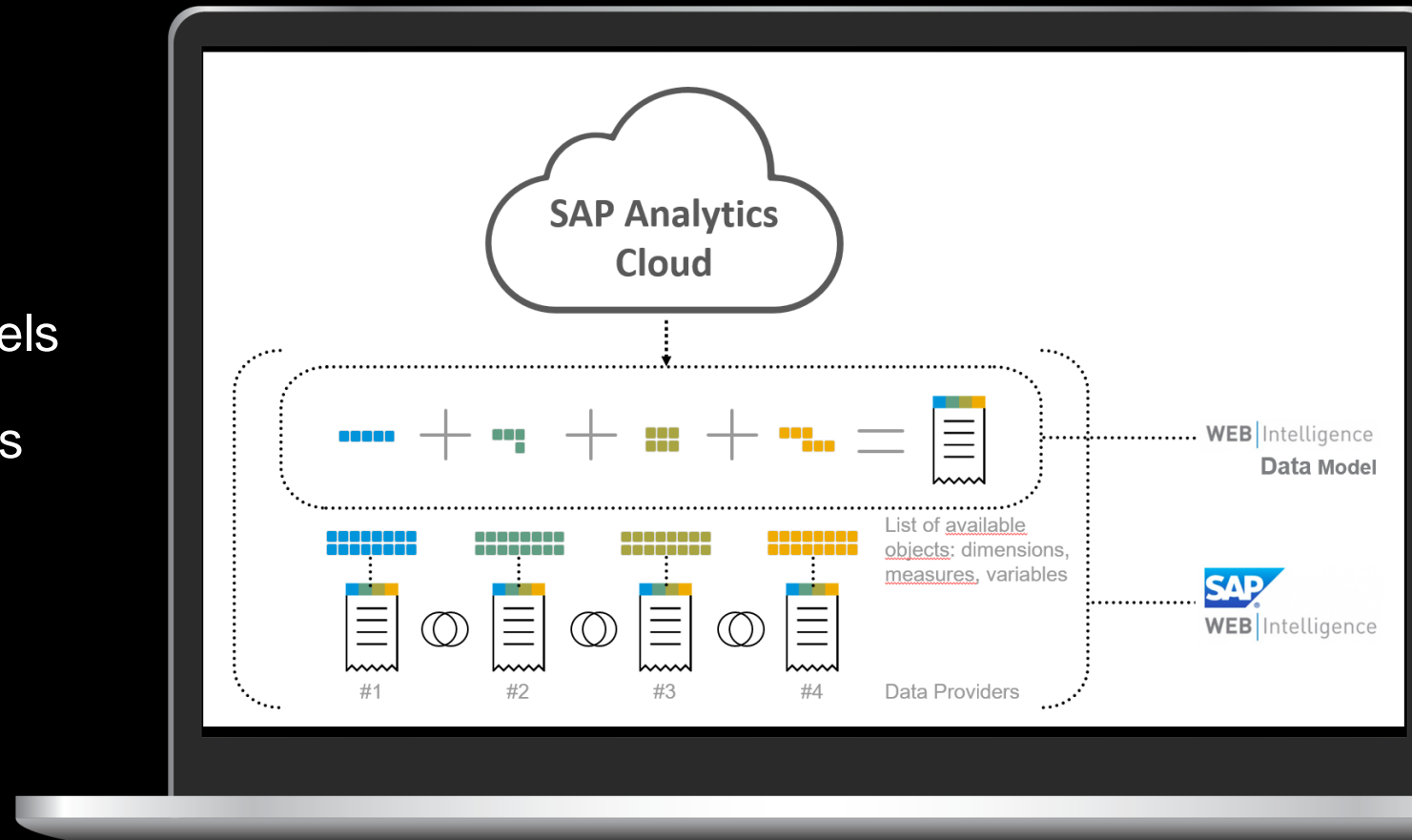
Expanding, Extending, and Innovating SAP Analytics



SAP BusinessObjects BI 4.3

Hybrid

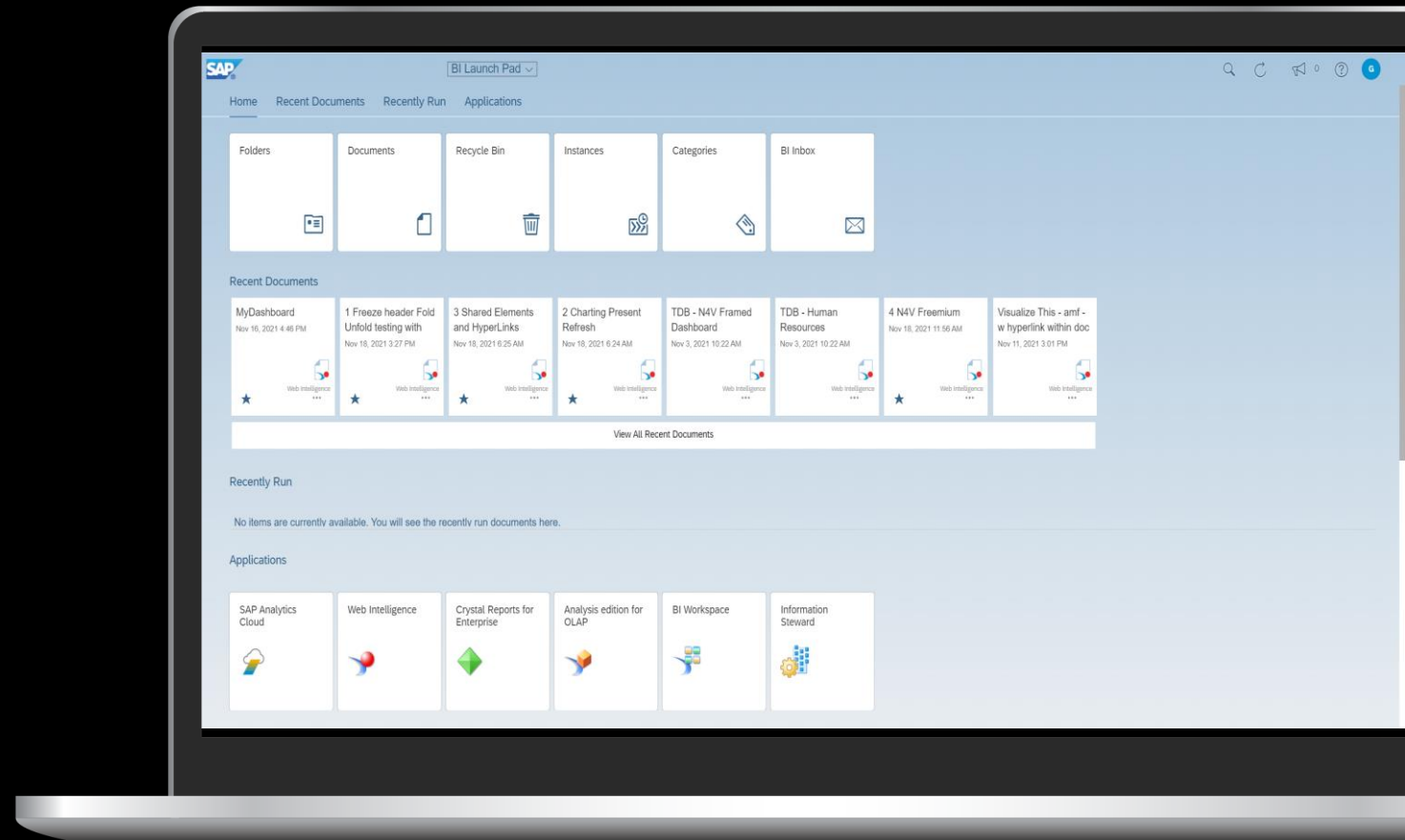
- Live Connectivity to BI Universe data
- Access to Web Intelligence Data Models
- Consume Crystal Reports Calculations
- Hybrid User Management



SAP BusinessObjects BI 4.3

Enterprise Readiness

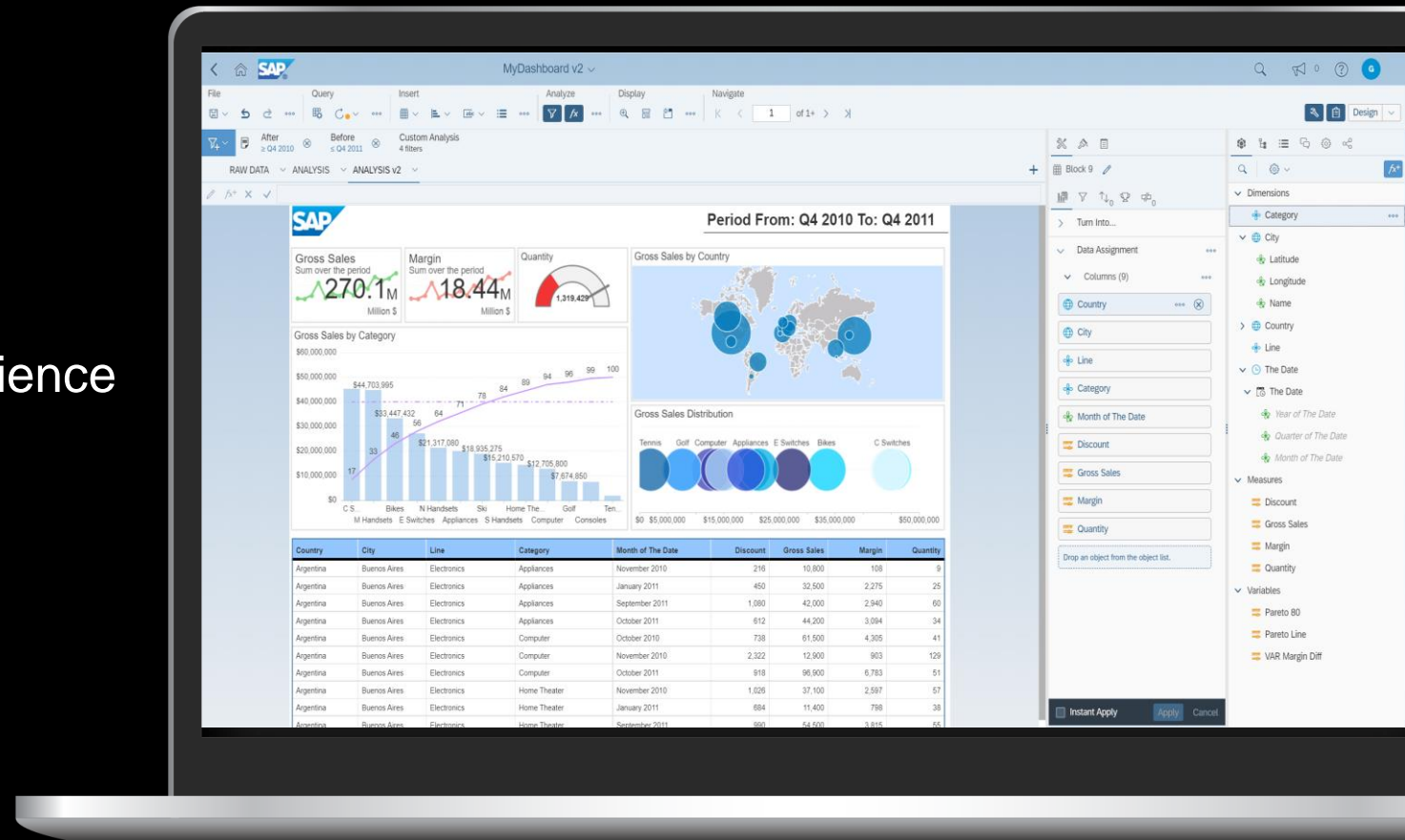
- Installation and Deployment
- Security Enhancements
- Administrator Tools
- Improved Audit Functionalities
- New supported Data Sources
- Multiple Secondary Credentials



SAP BusinessObjects BI 4.3

User Experience

- New Fiori like BI Launch Pad
- New Web Intelligence 4.3 User Experience
- Scheduling and Publication



SAP BusinessObjects BI 4.3 SP2



#1

EXTEND POSSIBILITY

- Google Drive support
- Web Intelligence OData web services
- New connectivity & SDKs
- Need4viz freemium



#2

IMPROVE USABILITY

- Show/hide reports
- Presentation mode
- Improved prompts and input controls
- Date/time picker



#3

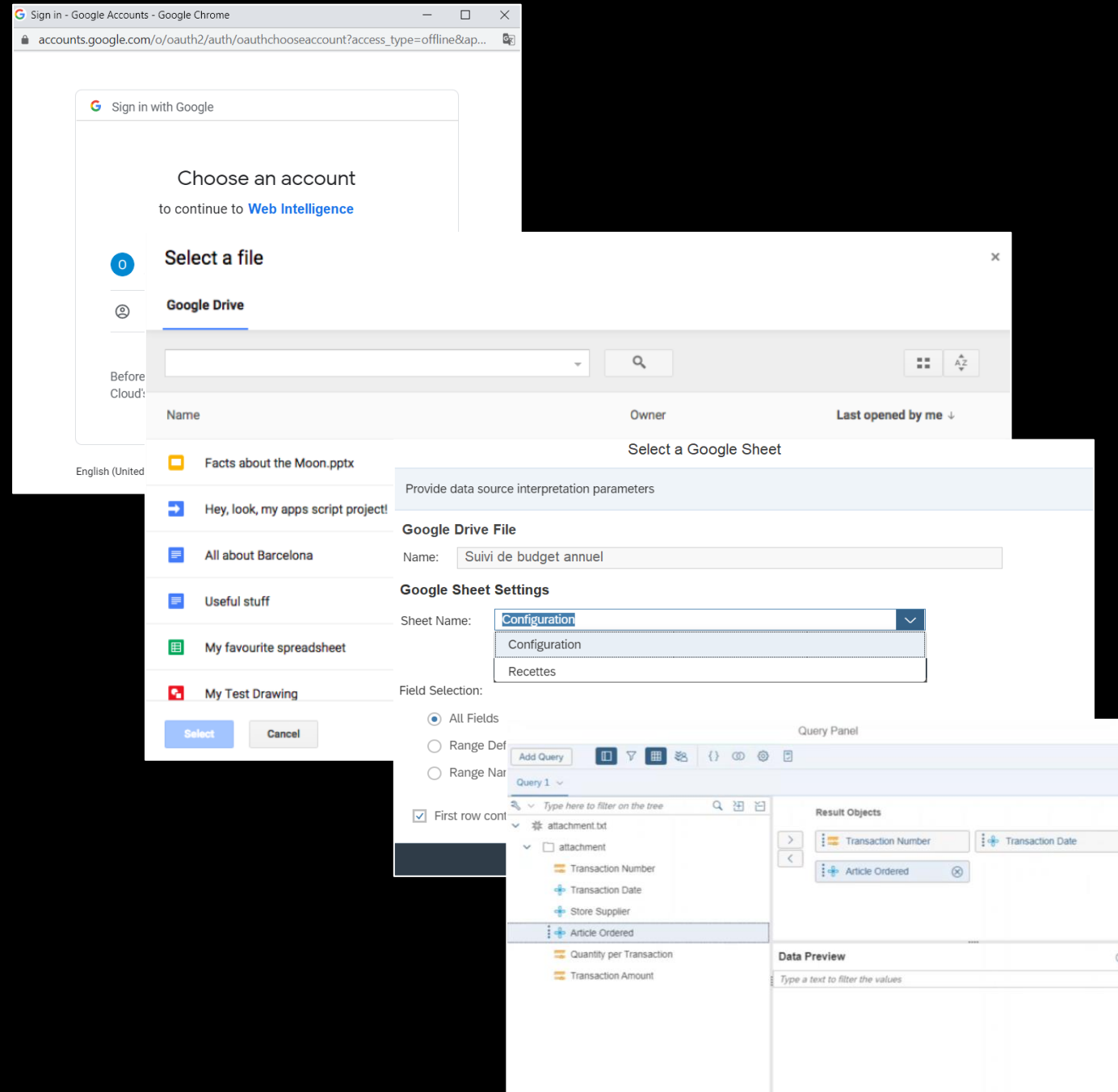
INCREASE PRODUCTIVITY

- Shared elements
- Unified query panel
- Object enrichment
- Variable editor
- Local files for WebI RC

New Data Source: Google Drive

Google Drive is a new data source repository

- Authenticate to Google Drive through “Oauth”
 - Use the CMC to configure the “Oauth” authentication
 - “Oauth” token is saved per user and be used until expiration (end of validity)
- Select the file to be used as a data source thanks to the Google Drive object picker
 - Google Spread Sheet
 - Text
 - Excel
- Define the properties (column separator, spread sheet range...) to use to parse the selected data source



New Data Source: OData Web Service

Create a OData web service to be used as a data source for Web Intelligence

- “Web Services” option supports only the “OData Web Services” created from Web Intelligence
 - If from the same repository: it will re-use the same login token
 - If from another repository: use “Secondary Credentials” to log into this repository
 - Otherwise: use “Oauth” authentication
- New Query Panel and Object definition (name, data type, object type, aggregation) is similar to other data sources (Text, Excel, Free hand SQL)

Select a Data Source

SAP BI Platform Repository
Browse resources from your enterprise repository

Google Drive
Select a data source from Google Drive

Web Services
Select public or internal web services

Web Intelligence OData Web Services
Enter an URL that returns Web Intelligence OData web services

No Data Source
Create an empty document

Insert OData Web Service

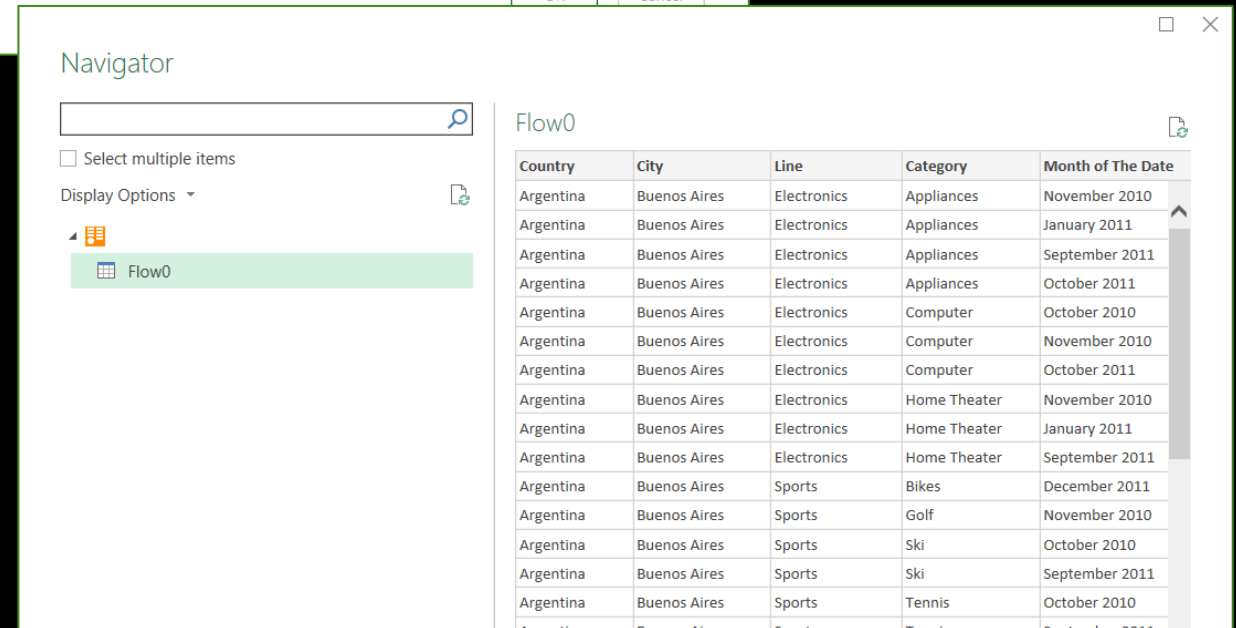
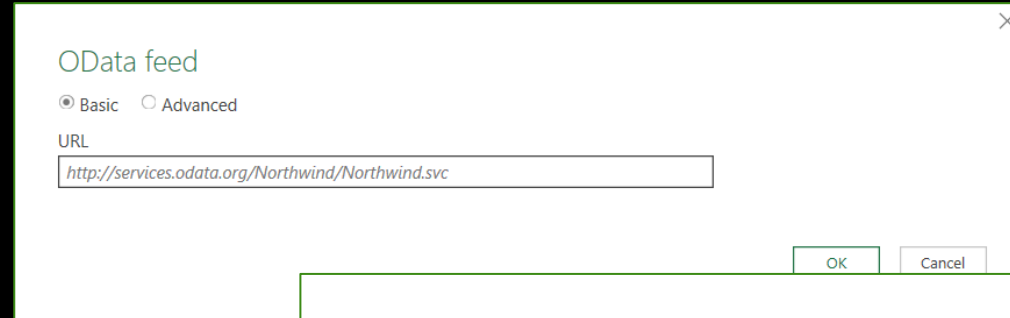
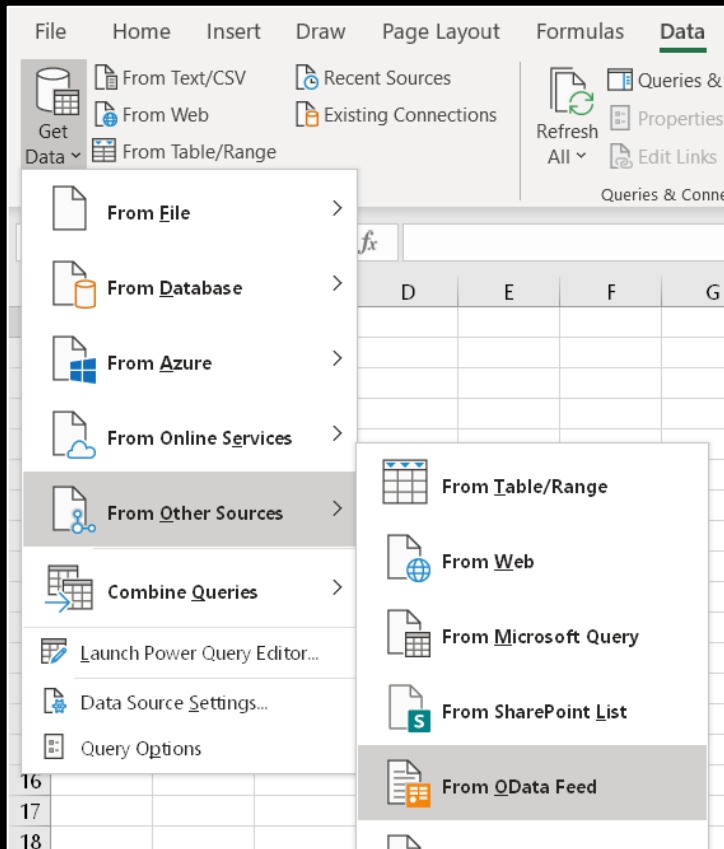
Paste your OData link here

`https://services.odata.org/V4/Northwind/Northwind.svc/`

OK Cancel

OData Web Services from a Web Intelligence Document

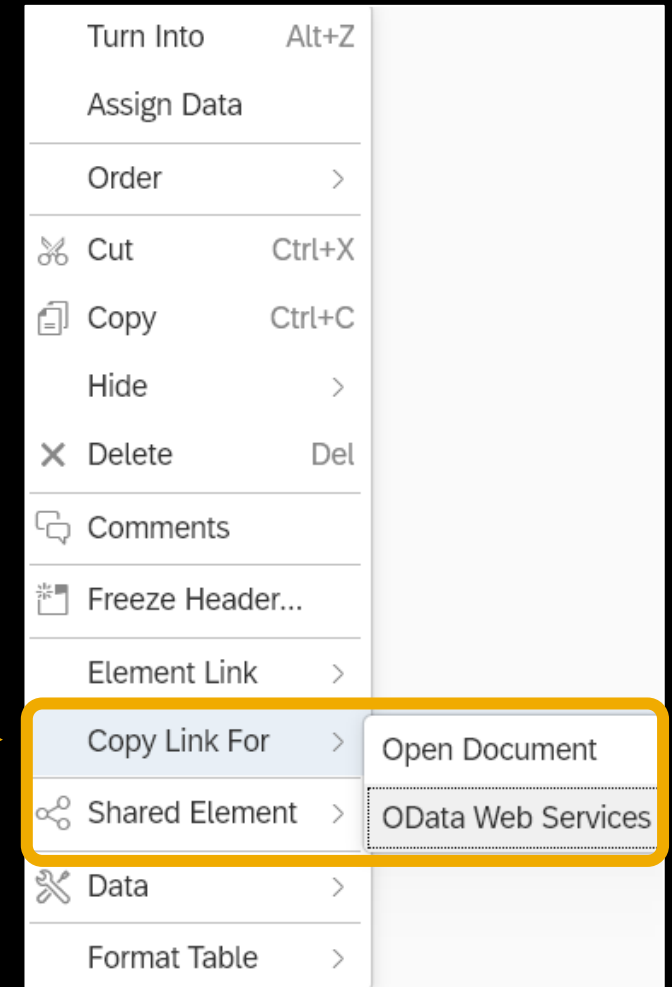
- Use Web Intelligence OData link to retrieve data
- OData standard protocol used by many other vendors
- Basic Authentication is defined by default (can be combined with another security protocol)



OData Web Services from a Web Intelligence Document

It replaces “Query as a Web Service” and “Document as a Web Service”

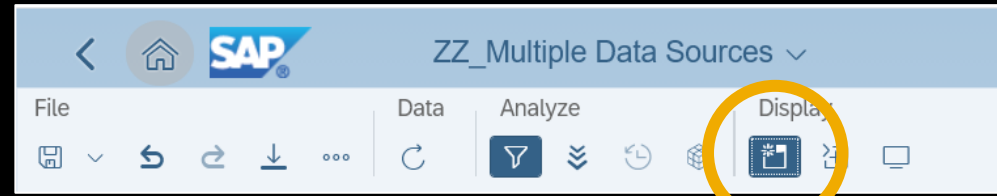
- Generate an OData REST Web Service link from a report element (block)
- Use the web service link to retrieve dataset from your Web Intelligence document
- In *Design* mode :
 - In the contextual menu of a report element (block)
 - Use the **Copy Link For > OData Web Services** command to copy the OData URL into the Clipboard.



Freeze header

Option is back in SAP BI 4.3 SP2!

- Depending on the table type
 - Freeze horizontal and/or vertical headers
 - Freeze first rows/columns
- Option available in *Reading* and *Edit* modes
 - In the toolbar: to be applied on all tables in the report
 - In a table's contextual menu: to be applied on this table only



The screenshot shows a table with two columns: 'StateArea' and 'Area'. A contextual menu is open over the table, and the 'Freeze header' option is circled in orange. An arrow points from this menu to the 'Freeze header' dialog box.

StateArea	Area
Area: California	704
Area: Colorado	232
Area: DC	606
Area: Florida	507
Area: Illinois	999
Area: Massachusetts	1,625
Area: New York	1,302
Area: Texas	145

The 'Freeze header' dialog box is shown. It has a checkbox labeled 'Freeze header rows' which is checked. Below it, there is a field 'Freeze first data columns:' with a value of '0' and minus/plus buttons. At the bottom are 'OK' and 'Cancel' buttons.

Freeze header

☒ Freeze header rows

Freeze first data columns:

OK Cancel

The screenshot shows the full SAP BI 4.3 SP2 interface. The 'Display' tab is active. Below the toolbar, there are tabs for 'Summary', 'Geo Map', 'Tables', 'Sections', 'References', and 'RAW DATA'. The 'RAW DATA' tab is selected, showing a report with two tables. The first table is the same as the one in the previous screenshot. The second table has columns 'City', 'Latitude', 'Longitude', and 'Inhabitants'.

StateArea	Area
Area: DC	606
Area: Florida	507
Area: Illinois	999
Area: Massachusetts	1,625
Area: New York	1,302
Area: Texas	145

City	Latitude	Longitude	Inhabitants
Chicago	41.88	-87.63	2,896,000
Colorado Springs	38.83	-104.82	416,427
Dallas	32.78	-96.8	1,300,092
Houston	29.76	-95.37	2,099,451
Los Angeles	34.05	-118.25	3,971,883
Miami	25.73	-80.24	399,457
New York	40.71	-74.01	8,550,405
San Francisco	37.78	-122.42	870,887
Washington	38.89	-77.03	681,170

Hyperlinks

Options are back in SAP BI 4.3 SP2!

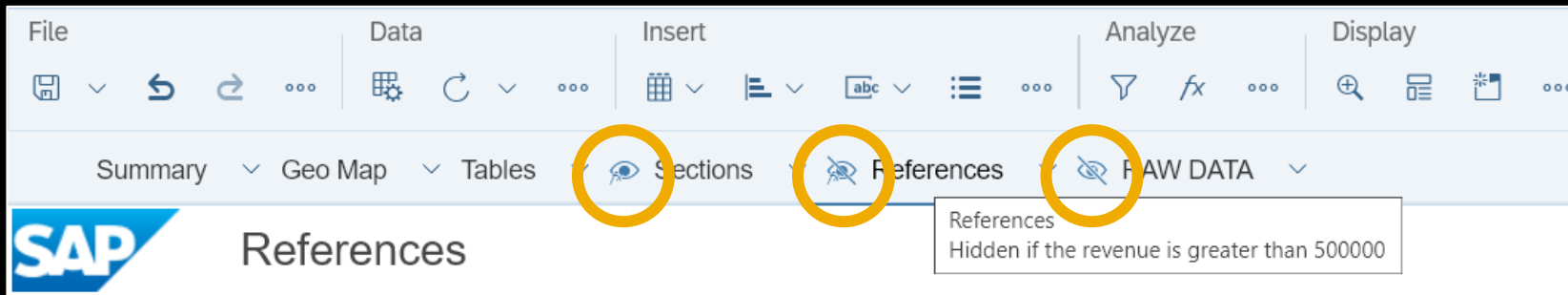
- Hyperlink to document target
 - Browsing dialog box to select a document
 - Option “Open in Current Window”
- OpenDocument URL
 - “sReportMode=light” tag to display a simplified interface without toolbar and side panel
- Enabling Java Script in CMC is no more needed for intra-document link

The screenshot shows the 'Hyperlink' configuration dialog box. On the left, under 'Hyperlink', the 'This Document' option is selected. The main area is titled 'Target URL' and contains a text field with the following URL: `../..../opendoc/openDocument.jsp?sIDType=CUID&iDocID=AXh9_cKJdExMjgu9ADurUzo&sReportName=Report1&sRefresh=N`. To the right of this field is a 'Browse...' button. Below the URL field is a checkbox labeled 'Use complete URL path to create hyperlink', which is currently unchecked. To its right is a button labeled 'Customize URL Parameters (Parse)'. Under the 'URL Options' section, which is expanded with a checkmark, there is a 'Label' dropdown menu showing '=NomRapport()' and an 'Open in' dropdown menu. The 'Open in' menu is open, showing three options: 'Current Window' (selected), 'New Window', and 'Current Window' (repeated). At the bottom right of the dialog are 'OK' and 'Cancel' buttons.

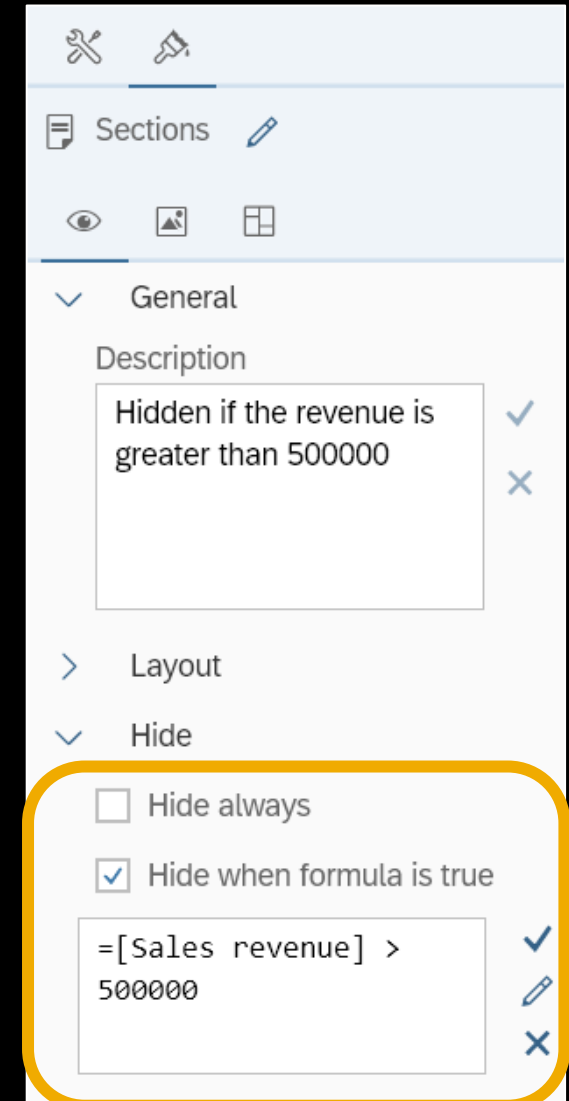
Show/hide reports automatically, or not

New Show/Hide report options

- In *Design* mode
 - Define if a report has to be “Hide always” or “Hide when formula is true”
 - New icons to distinguish “hidden” reports
 - Add a description to a report (to be displayed into report tab’s tooltip)



- In *Reading* mode
 - Do not display always hidden reports
 - Evaluate formula to define whether conditionally-hidden reports are visible
 - The description is displayed in report tab’s tooltip
- New function: **ReportDescription()** in the formulas’s editor



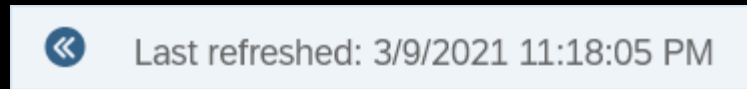
Presentation mode

Enhanced “Auto-Refresh” mode

- Mode available in *Reading* and *Design* modes
- Ability to switch from one report to another one
 - Select reports switch period
 - Select reports to display

Optimize the information being displayed

- Full Screen mode
- Show/Hide reports tab
- Show/Hide refresh bar
- “Warnings” are hidden on screen (except in the refresh bar)
- Reports with the option “Hide always” are not displayed
- Reports with the option “Hide when formula is true” may be displayed or not (depending on the refreshed dataset)



Presentation Mode

Automatic Refresh

☒ Auto refresh every: minutes

dialog.autoRefresh.group.display

☒ Switch reports after: seconds

☒ Display in fullscreen

☐ Show reports tabs

☒ Show refresh bar

Search

☐ All reports

☐ Summary

☒ Geo Map

☒ Tables

☒ Sections

☒ References

OK Cancel

Improved prompts and input controls

Prompts dialog box has been split in two

- Prompts and selected values
- Direct copy/paste values from Excel, or Text, into the prompts is now supported

Prompts

Search

Enter value(s) for Country (11)
Australia; France; Germany; Holland; Japan; Madagascar; Middle East; Nepal; South Africa; US; UK

Enter value(s) for Region
Please select at least one value

Enter value(s) for Year (3)
FY92; FY93; FY94

Enter value(s) for Month

Country

Australia

France

Germany

Holland

Japan

Madagascar

Middle East

Nepal

South Africa

UK

US

Mandatory (2) Reset All Run Cancel

Input Control

- Display the hierarchy tree (and not only one node members)
- Input control dialog box can be resized

Employee Department_NoLOV
Karen R. Berge

Report Search

All Employees

Document Control

Control Specialist

Chris K. Norred

Tengiz N. Kharatishvili

Document Control Assistant

Document Control Manager

Engineering

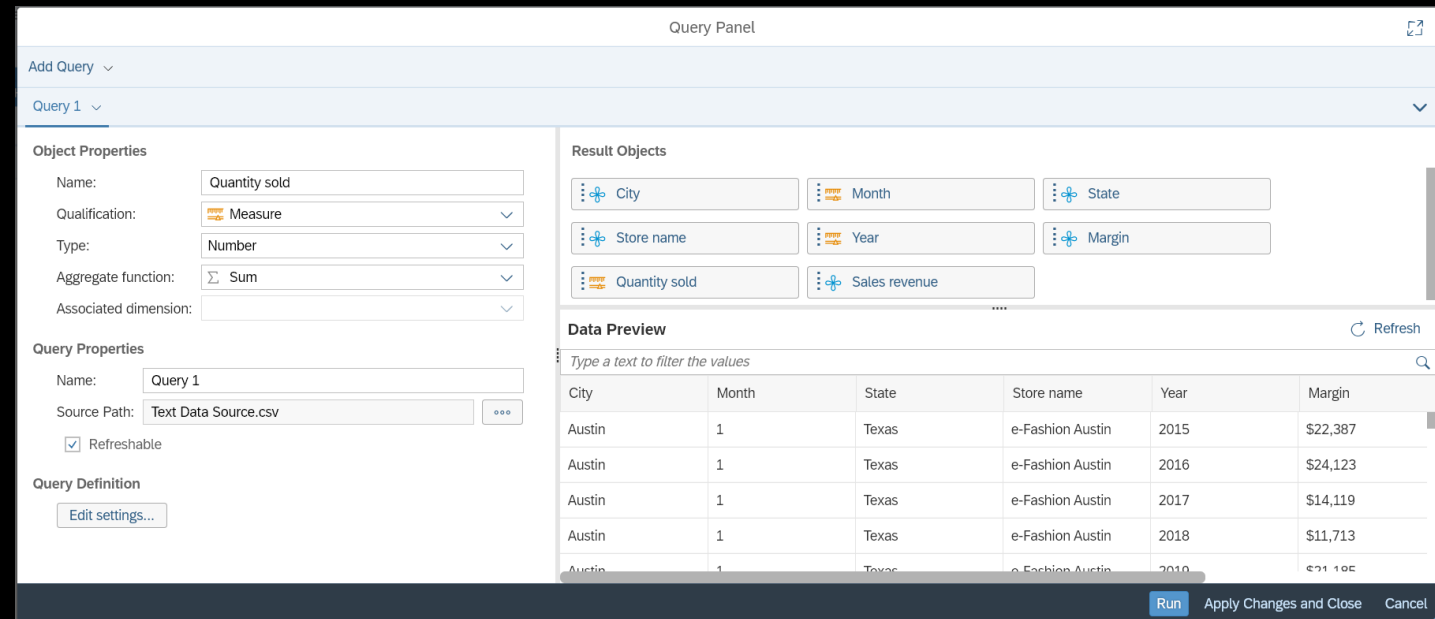
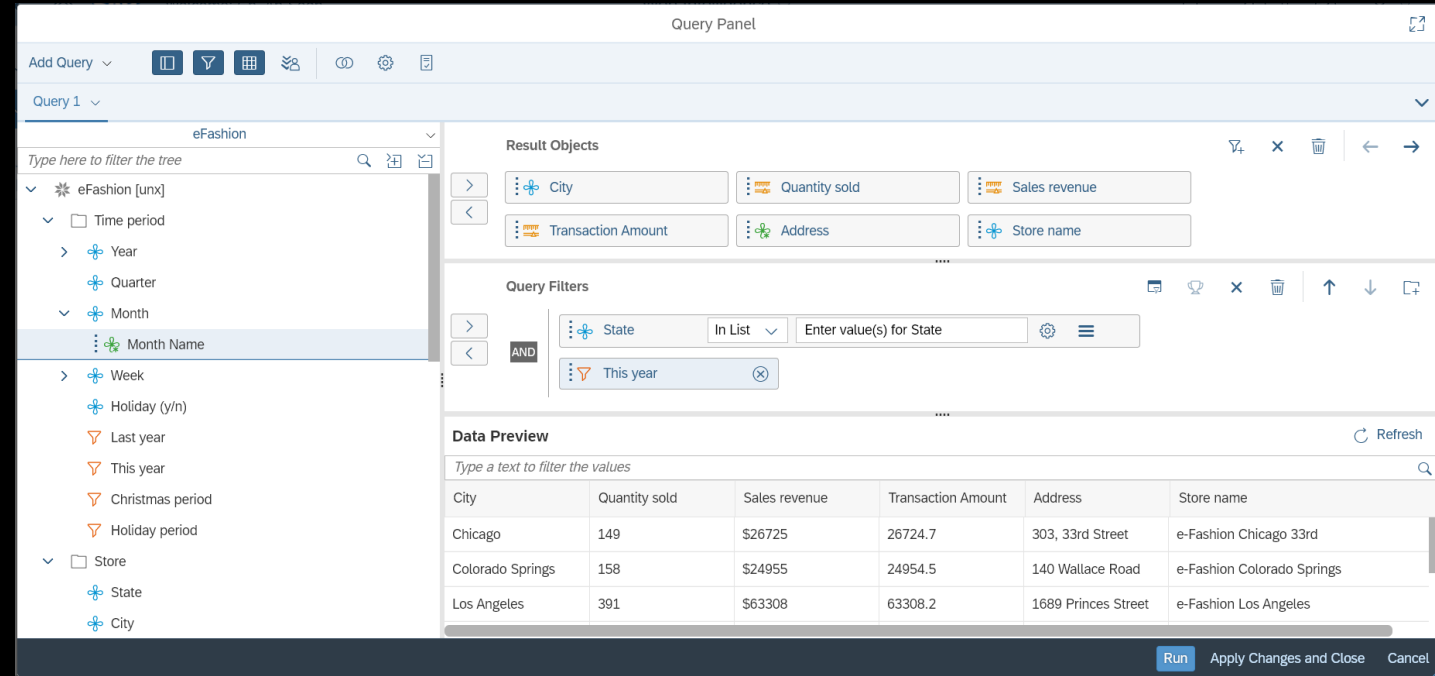
Executive

Reset document.filterbar.filters.tree.collapseAll OK

New Unified Query Panel

Before BI4.3 SP2, two Query Panels co-existed

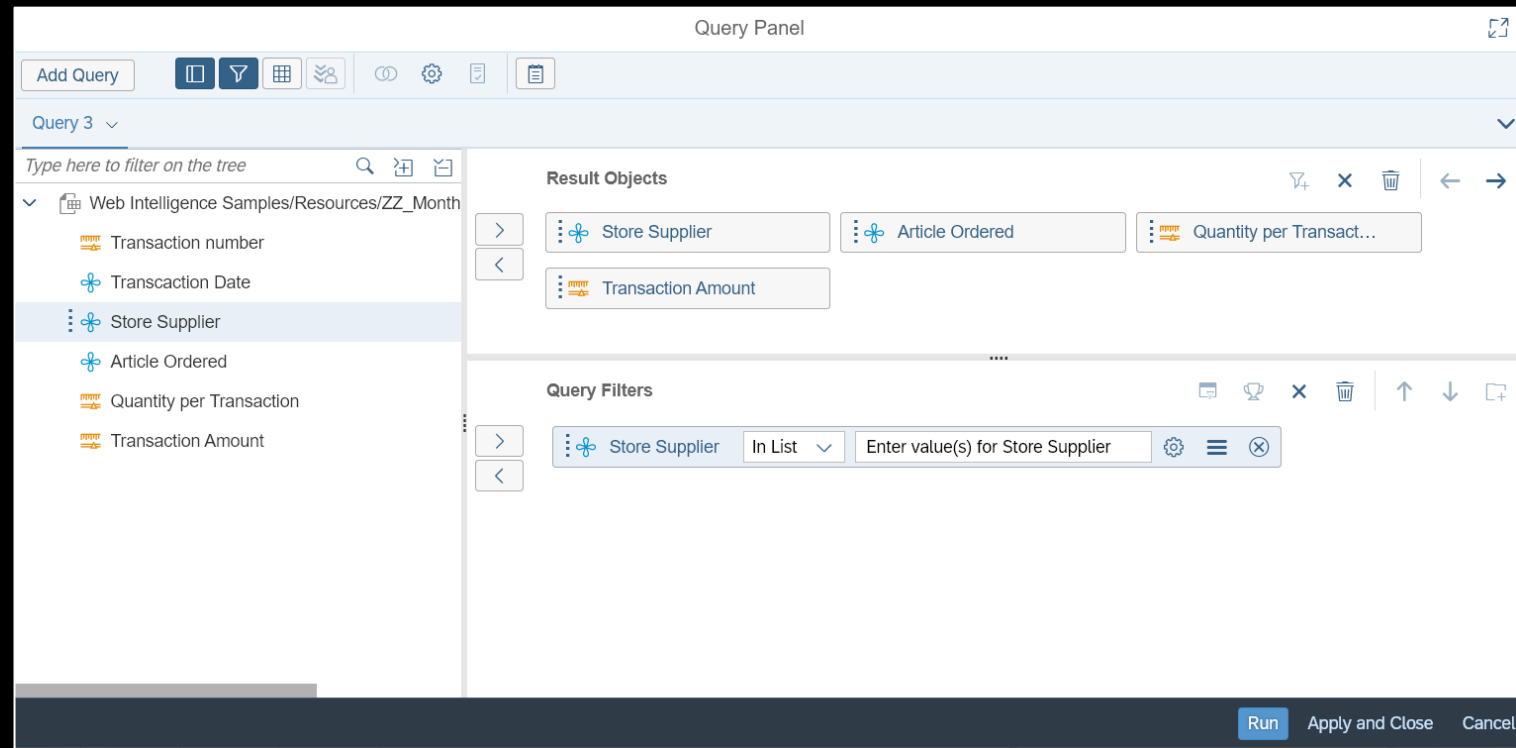
- “Semantic Query Panel” for UNV, UNX, WID, SAP BW, SAP HANA, with the abilities to
 - Select objects in the query
 - Add filters
 - But no aggregation, no type selection
- “Custom Data Provider” for Excel, Text, Free hand SQL, with the abilities to
 - Object type selection
 - Data type selection
 - Aggregation
 - But no filters, no object selection



New Unified Query Panel

In BI4.3 SP2, a common Query Panel for all data sources has been implemented

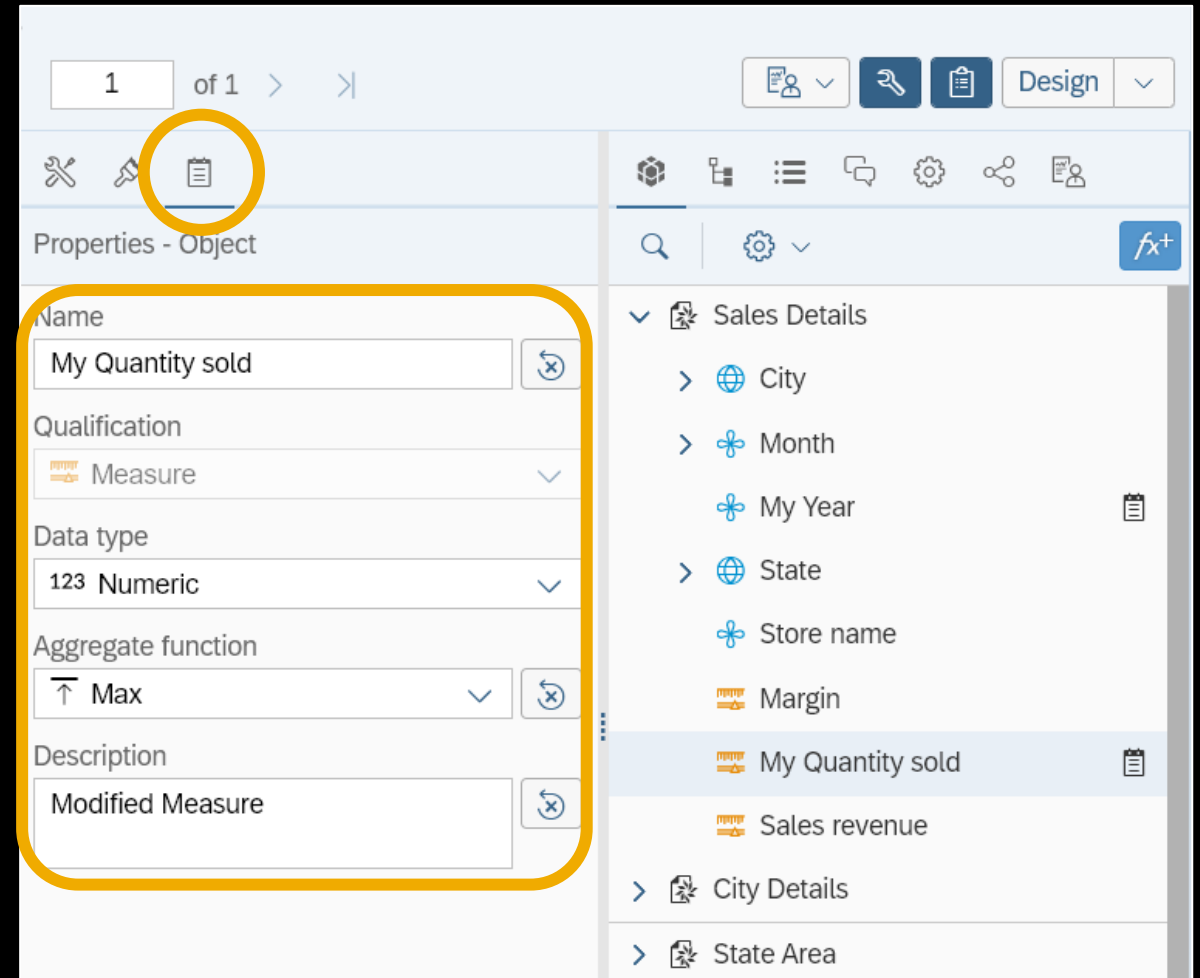
- It increases consistency and usage simplification between
 - Universe, Web Intelligence, SAP BW, SAP HANA
 - **New:** Text, Excel, Free hand SQL, OData, Google Spreadsheet
- Common workflows
 - Select objects from the data source
 - Add filters
 - Preview
 - Run query
 - ...



New Unified Query Panel

Modify the Objects' properties

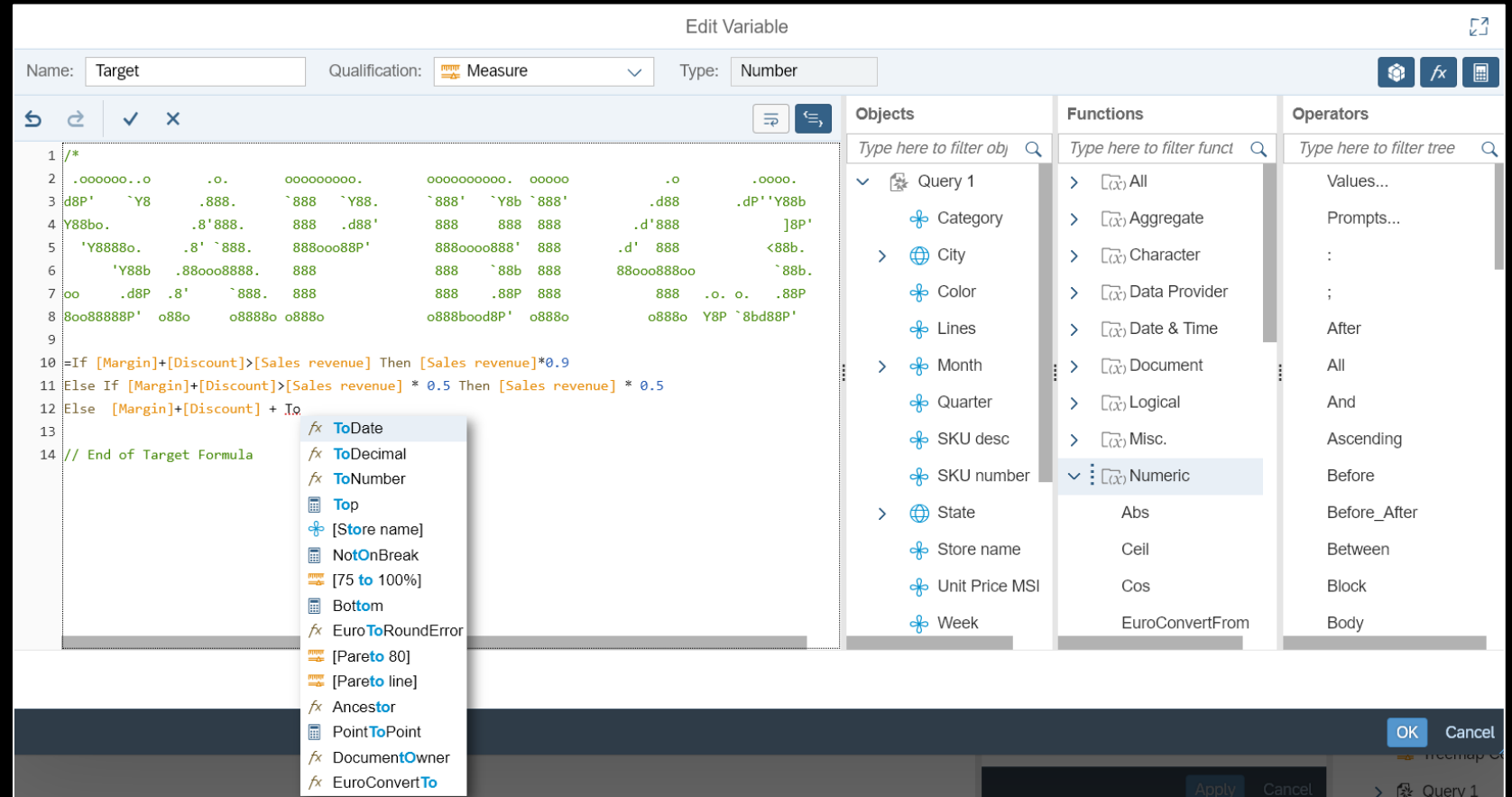
- Option available for **all data sources**
 - Excel, Text, Free hand SQL, OData, Google spreadsheet
 - Universe, Web Intelligence, SAP BW, SAP HANA (**New!**)
- Specifically for Excel, Text and Free hand SQL, the workflow is now in two steps
 1. In the Unified Query Panel: create and run the query
 2. In the document design mode: set object's properties (in **Build** panel >> **Properties**)



New Variable Editor

New Formula editor to simplify variable creation and edition

- Colored text
- Auto-completion
- Parenthesis management
- Line number
- Wrap lines
- Undo/Redo
- Shortcuts
- Mono-space font



SAP BusinessObjects BI 4.3 SP2



#1

EXTEND POSSIBILITY

- Google Drive support
- Web Intelligence OData web services
- New connectivity & SDKs
- Need4viz freemium



#2

IMPROVE USABILITY

- Show/hide reports
- Presentation mode
- Improved prompts and input controls
- Date/time picker



#3

INCREASE PRODUCTIVITY

- Shared elements
- Unified query panel
- Object enrichment
- Variable editor
- Local files for WebI RC

Agenda

SAP BusinessObjects BI 4.3 overview

SAP BusinessObjects BI 4.3 SP2 selected features

SAP BusinessObjects, private cloud edition overview

The road ahead

SAP BusinessObjects Enterprise, private cloud edition



- BOE Hosted on Hyperscaler infrastructure (Amazon, Google Cloud, MS Azure)
- Subscription licensing
- On-premise functional scope
- Predefined Landscapes (based on T-shirt sizes)
- Yearly release cycle, customers chooses upgrade window within **12 months**
- Low TCO and fast time to value
- Dedicated system landscape on cloud infrastructure
- Two-tier system (dev-prod)

ONE Contract



=

License subscription price
(incl. Enterprise Support)

Licenses

+

All Included

Cloud Infrastructure
and Services

Infrastructure

+

Pro-active Managed
Services

Operations

+

**Optional
Additional
Offering**

**Implementation
Onboarding
Customer
Enhancements**

**Optional Additional
Storage and
Application Servers**

Additional Storage

Additional App Server
from delivery
perspective will be
same as the app server
of the DEV or PRD in
each package

**Optional Disaster
Recovery**

Disaster Recover
replicates the
repository database
and File Repository
System (FRS) to a
secondary region

Technical details
vary by Hyperscaler

Additional
subscription fee

Optional Application Operations

Program object actions: import and execution
Promote/deploy objects between environments
Provide user access and maintain authorizations

SAML configuration

Auditing/monitoring driver setup and
configuration for auditing reporting

ERP integration setup and configuration

Configure cryptography settings

Manage process and server groups

CTS+ Integration setup

SAP BusinessObjects Enterprise, private cloud edition

Included Components



SAP BusinessObjects Enterprise 4.3 SP1 Private Cloud Edition

Desktop

Mobile

Enterprise Reporting Crystal Reports	Ad Hoc Reporting Web Intelligence	Analytic Applications Lumira Designer	MS Office Integration Analysis Office	
Enterprise Platform				
Semantic Layer	Report Scheduling	Content Translation	Auditing	APIs
Admin	High Volume Publication	Lifecycle Mgmt	Monitoring	Security

Full Use BusinessObjects BI Components available

- Operational and interactive reporting (Web Intelligence)
- Powerful semantic layer supporting complex semantic use cases and 100's of data sources
- Dashboards and Analytic Applications with Lumira Designer
- Multidimensional data analysis in Excel (Analysis for Office)
- Pixel perfect, operational reporting (Crystal Reports)
- Large scale report scheduling and bursting (BI Platform) powered by Linux OS platforms on Hyperscalers

Your favorite add-ons are supported

- We collaborate with partners to streamline install and operations
- Partners remain accountable for their solutions

SAP Cloud & Hyperscaler IaaS Comparison




BOE PCE

- Private managed cloud designed for mission-critical SAP enterprise solutions
- SLA for entire solution stack
- Full stack cloud application services
- Engagement Lead (EL) for individual communication and support
- System landscapes designed for innovation
- SW subscription in one contract, and ability to sell licenses on subscription
- Business Continuity

Hyperscaler IaaS

- Multi-tenant infrastructure and Public cloud for infrastructure
- Infrastructure-level SLA only; SLA shared among two vendors. When downtime happens, finger pointing begins
- None. Hyperscaler only manages the physical infrastructure up to the virtualization layer + SI throwing bodies at managing S4
- Infrastructure for ongoing operation
- No reference architecture
- No SW subscription
- None by default; no guaranteed RTO and RPO – DR construct unknown

Support Scope in Private Cloud Edition

		On Premise	IaaS	PCE BOE
				
Advisory & Implementation Services	Business Context, Blueprint, Testing, Configurations	Managed by customer	Managed by customer	Managed by customer
Application Management	Additional Application Management Services	Managed by customer	Managed by customer	Managed by customer
	Additional Technical Services (non-recurring)	Managed by customer	Managed by customer	Managed by service provider
Standard Technical and Application Management Services	Platform Management	Managed by customer	Managed by customer	Managed by service provider
	Database Management	Managed by customer	Managed by service provider	Managed by service provider
	Operating System	Managed by customer	Managed by service provider	Managed by service provider
	Virtualization	Managed by customer	Managed by service provider	Managed by service provider
Technical Infrastructure Management and Setup	Servers	Managed by customer	Managed by service provider	Managed by service provider
	Storage	Managed by customer	Managed by service provider	Managed by service provider
	DC, Hardware, NW	Managed by customer	Managed by service provider	Managed by service provider



Managed by customer



Managed by service provider

SAP BusinessObjects Enterprise, private cloud edition offers Flexibility

Extend to the Cloud with Confidence and Protect Existing Investments



Benefit

from latest innovations
in SAP Analytics Cloud

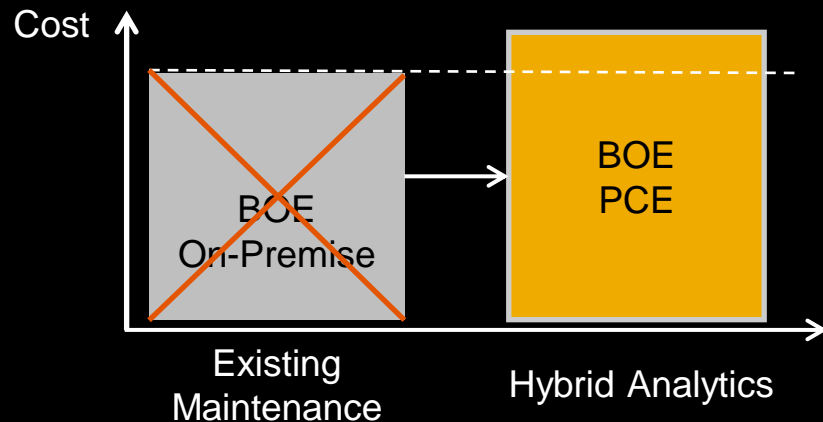
Savings

from a new, less expensive
Private Cloud Edition license

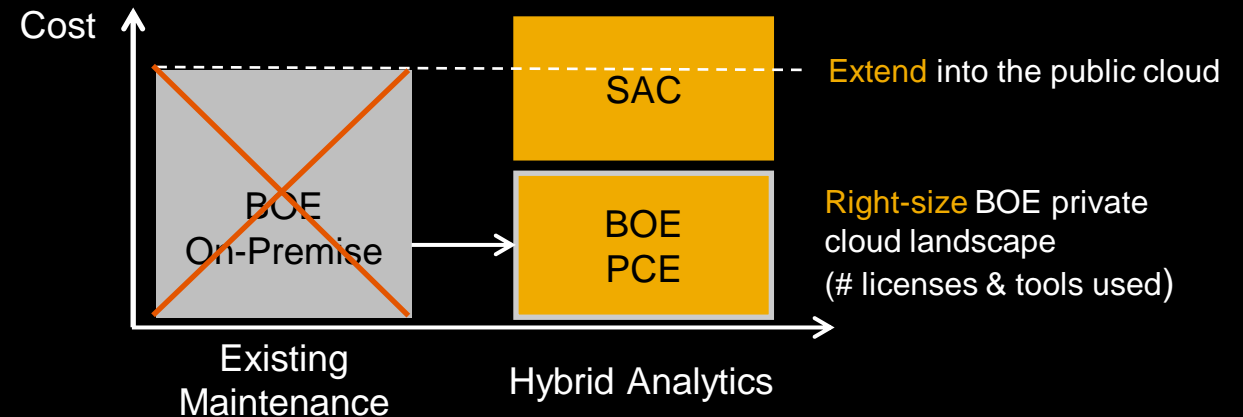
Save maintenance on unused on-premise
licenses when purchasing a new cloud
subscription

Savings can be used to start moving discovery
use cases to the public cloud

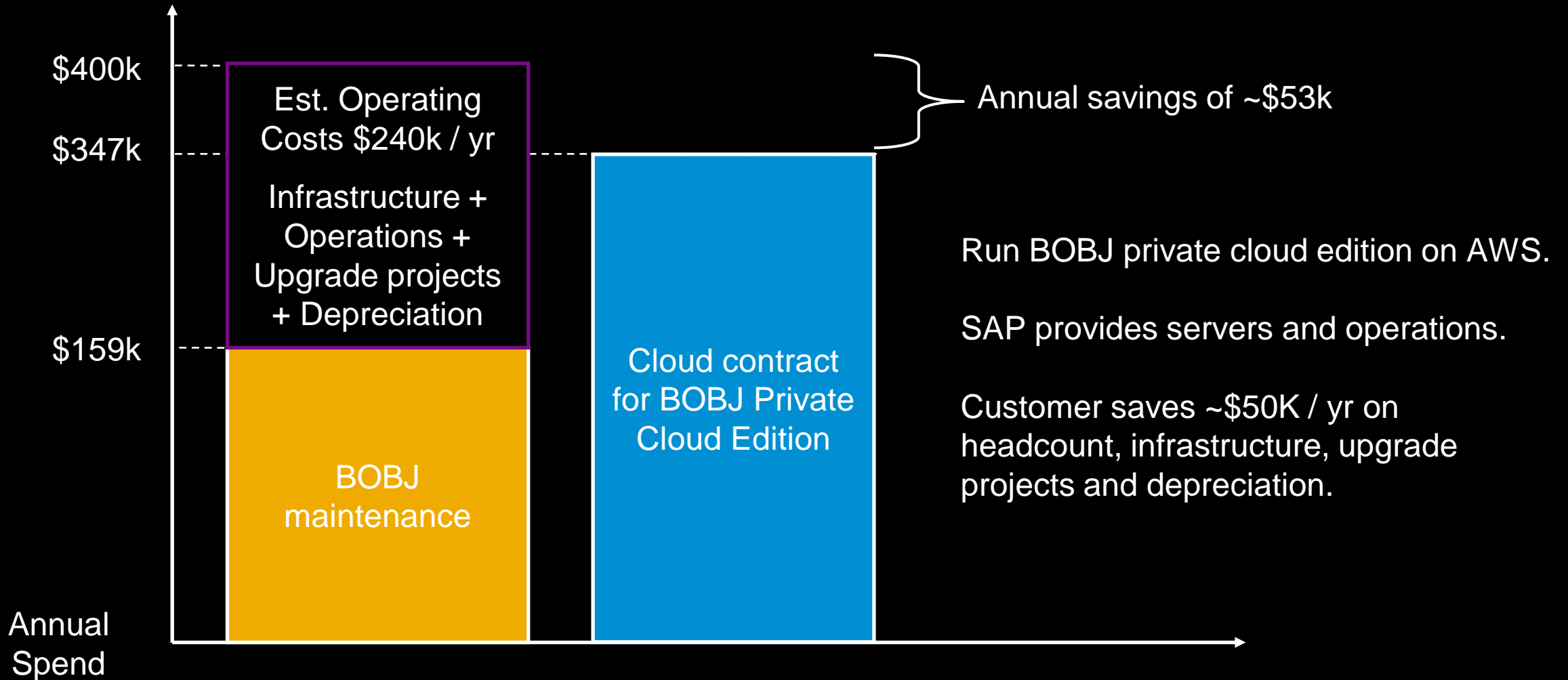
Scenario 1: **Migration** from on-
premise into the private cloud



Scenario 2: **Extend** from on-premise into the
public cloud and **Right-Size** BOE landscape



Exit the Business of Operating SAP BusinessObjects



Why SAP BusinessObjects Enterprise, private cloud edition?

Exit the business of operating SAP BusinessObjects software

Reduces opportunity cost

- Redeploy scarce IT resources to higher value projects

Reduces risk

- Guaranteed to be on a supported version of SAP BusinessObjects with one upgrade per year included
- Single SLA for the entire solution stack
- Optional offsite disaster recovery

Reduces cost

- In most cases, PCE costs less than the combination of maintenance + operations staff + infrastructure
- Gives an opportunity to retire maintenance on unused SAP BusinessObjects software

SAP BusinessObjects addendum to Statement of Direction - [link](#)

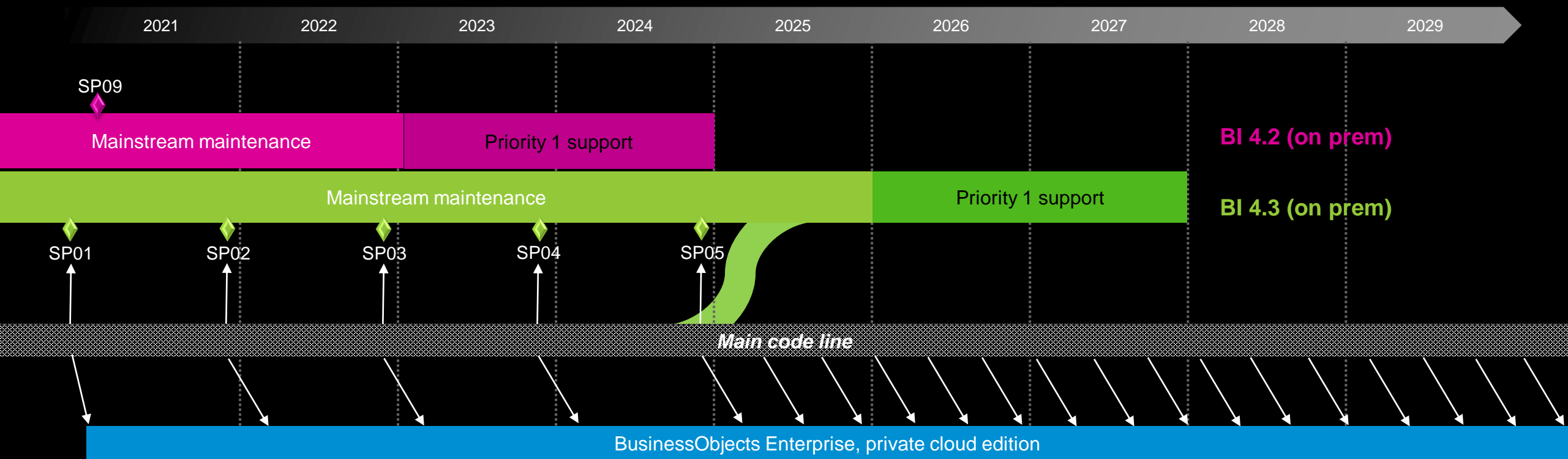
Executive Summary

1. BI 4.3 is the place to go
 - We don't plan any further SP on BI 4.2 after SP9
 - BI 4.2 will receive mainstream maintenance until end of 2022
2. We will invest in Web Intelligence and in the Enterprise Platform
3. We will support Crystal Reports Classic on Windows (and Crystal for Enterprise on all platforms)
 - We will stop supporting Crystal Reports 2020 services on UNIX / Linux operating systems from version BI 4.3 SP2 on
 - No major new features planned
4. We plan to sunset some components at the end of BI 4.3 maintenance period (end of 2027)

Deprecated component	Recommendation
Universe Design Tool and .unv universes	Information Design Tool and .unx universes
Multi-source universes and associated connectivity	Several other SAP solutions available depending on the use case – please contact us
SAP BusinessObjects Analysis, edition for OLAP	
Live Office	SAP Analysis for Microsoft Office

SAP BusinessObjects BI Roadmap

Available only on Private Cloud Edition beyond 2027



Thank you.

Eric Fenollosa

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twitter.com/EricFenollosa

APOS Solutions for SAP BusinessObjects



APOS Insight

BI System Auditing

- System Inventory
- Security Analysis
- System Usage Analysis
- Report Impact Analysis

BI Report Testing

- Automated Report Testing
- Regression Testing
- Validation of Report Data
- Report Performance Testing

BI System Monitoring

- Advanced System Monitoring
- Operating Environment Monitoring
- Database Monitoring
- Process Monitoring

BI Query Surveillance

- Real-time BI Query Monitoring
- Query Performance Alerting & Auditing
- Query Intervention; Remote Cancelling
- Sensitive Data Audit



APOS Administrator

Object Management

- Bulk Security Management
- Bulk Settings Management
- System Objects Promotion
- Connections Maintenance

Schedule Management

- High-volume schedule management
- Multiple schedule properties editing
- Grid scheduling interface
- Repeatable scheduling templates

Instance Management

- Manage entire instance inventory
- Granular instance search
- Stop, pause, release, reschedule
- Rapid recovery to failed schedules

Web Intelligence Migration

- Bulk conversion of Universes from UNV to UNX
- High-Volume Repoint Web Intelligence reports
- Success validation
- Controlled, project-based workflow

APOS Storage Center



- System Backup
- Content Archiving
- Content Versioning
- Selective Restoration
- Automated System Clean Up

APOS Publisher

- Systematic Content Delivery
- Advanced Document Bursting
- Enhanced Content Distribution
- Security and Encryption
- Statement Generation



APOS Solutions – Support for Version 4.3



APOS Insight



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- Manage entire instance inventory
- Granular instance search
- Stop, pause, release, reschedule
- Rapid recovery to failed schedules

Web Intelligence Migration

- Bulk conversion of Universes from UNV to UNX
- High-Volume Repoint Web Intelligence reports
- Success validation
- Controlled, project-based workflow



APOS Storage Center



- System Backup
- Content Archiving
- Content Versioning
- Selective Restoration
- Automated System Clean Up

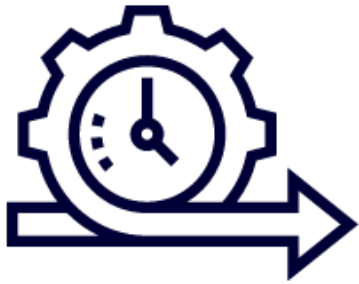
APOS Publisher

- Systematic Content Delivery
- Advanced Document Bursting
- Enhanced Content Distribution
- Security and Encryption
- Statement Generation

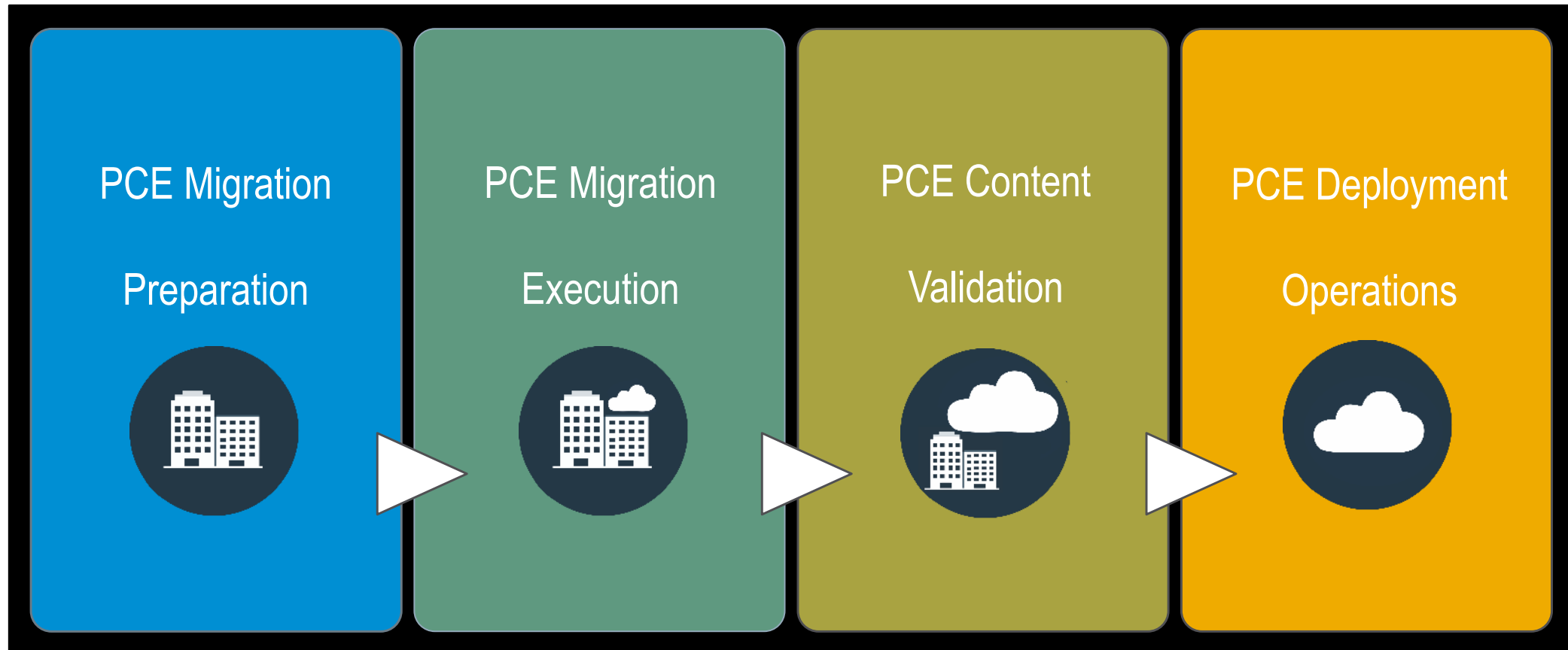


PCE Adoption Kit

by APOS



The **PCE Adoption Kit by APOS** is a set of migration focused technologies that streamline, simplify, safeguard, and accelerate your move to SAP BusinessObjects PCE, through four key phases:



PCE Adoption Kit



PCE Migration Preparation



Build the foundation for a successful migration



Deep system audit and metadata capture for analysis

- Capture and leverage extensive system metadata for project planning, content prioritizing, and system sizing decisions



Comprehensive back-up of system content assets

- stabilize and secure entire system; protect and retain assets for targeted future imports - delta uploads, strategic restores



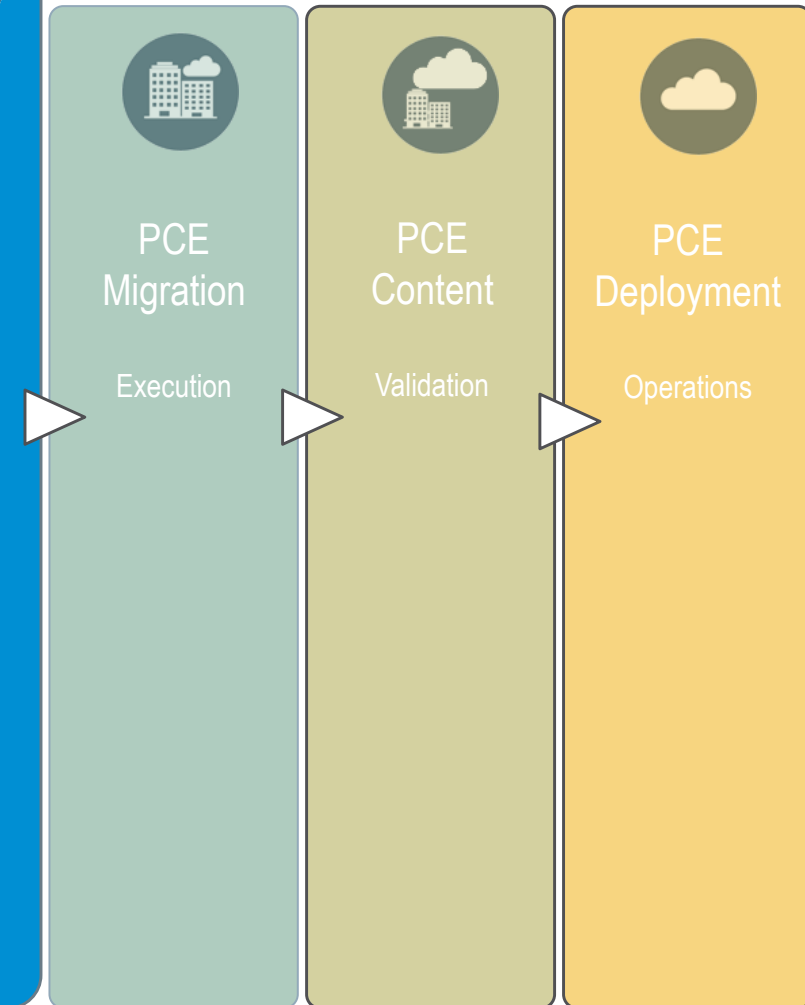
Automated, rules-driven clean-up of system content

- Systematic archival and removal of unnecessary content; 'Right-Size' the system; streamline content to be migrated

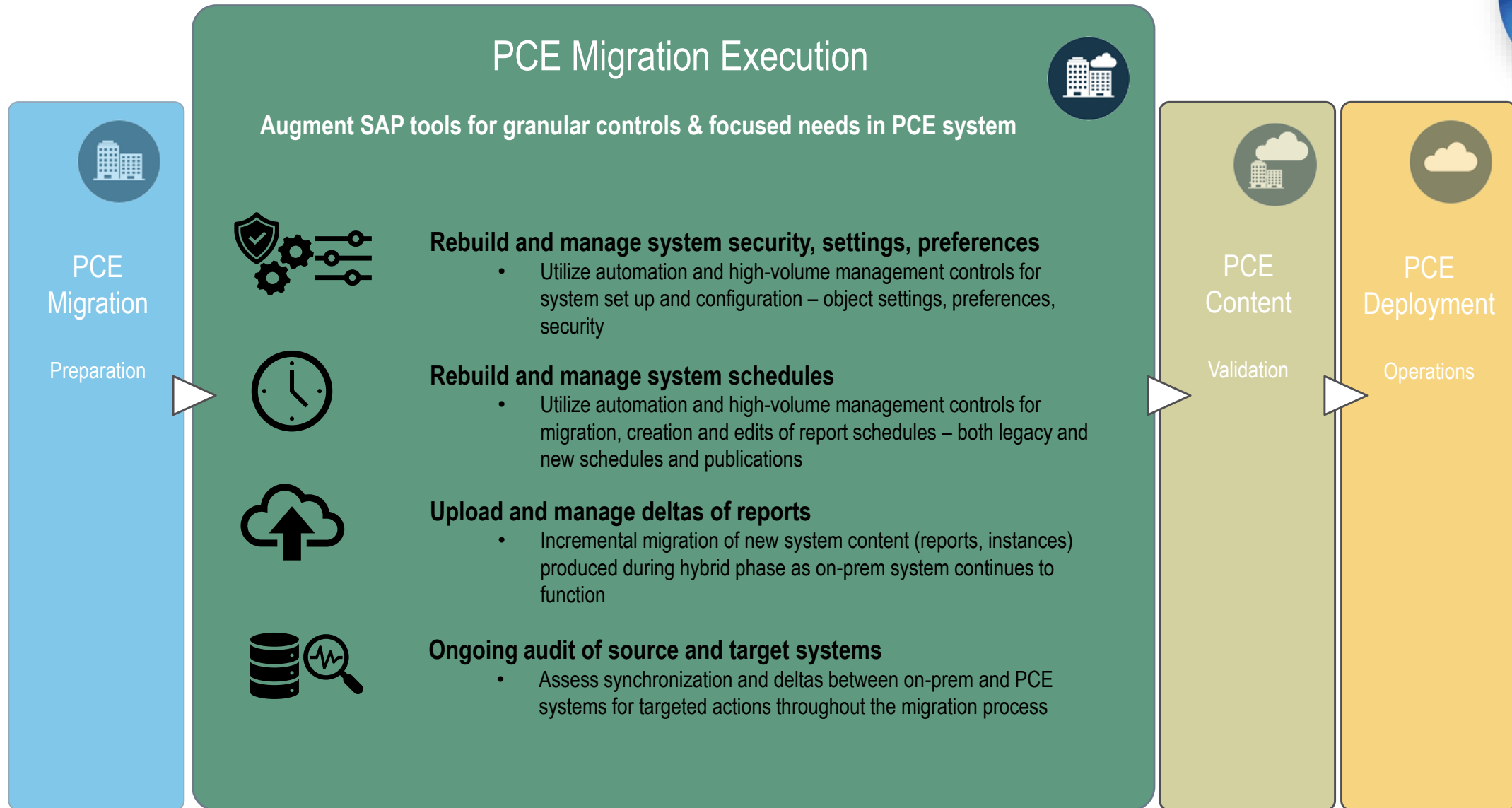


Automated transition of content assets for PCE compatibility

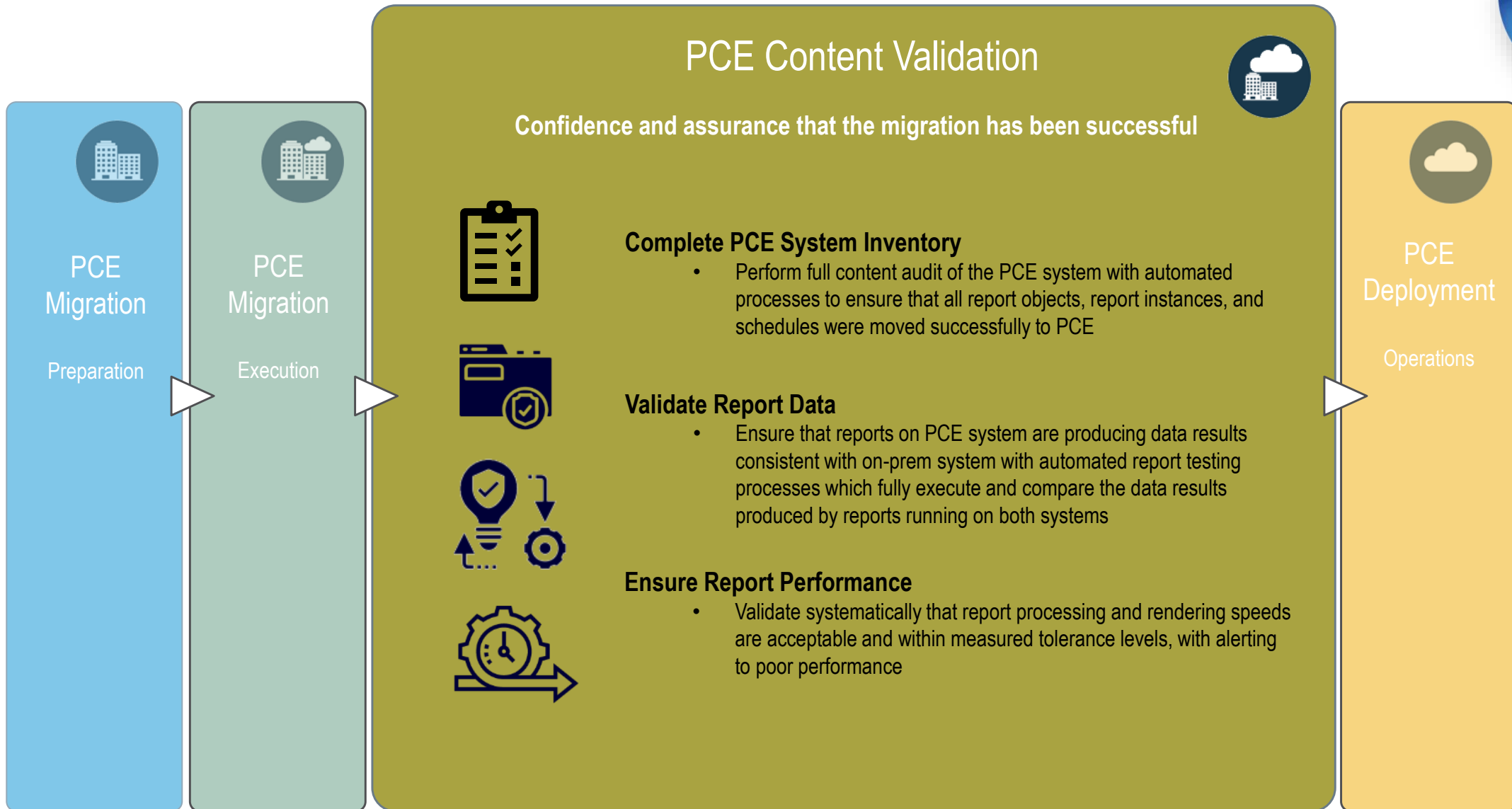
- Bulk conversion of universes to UNX format; update & repoint all report connections to the new universes



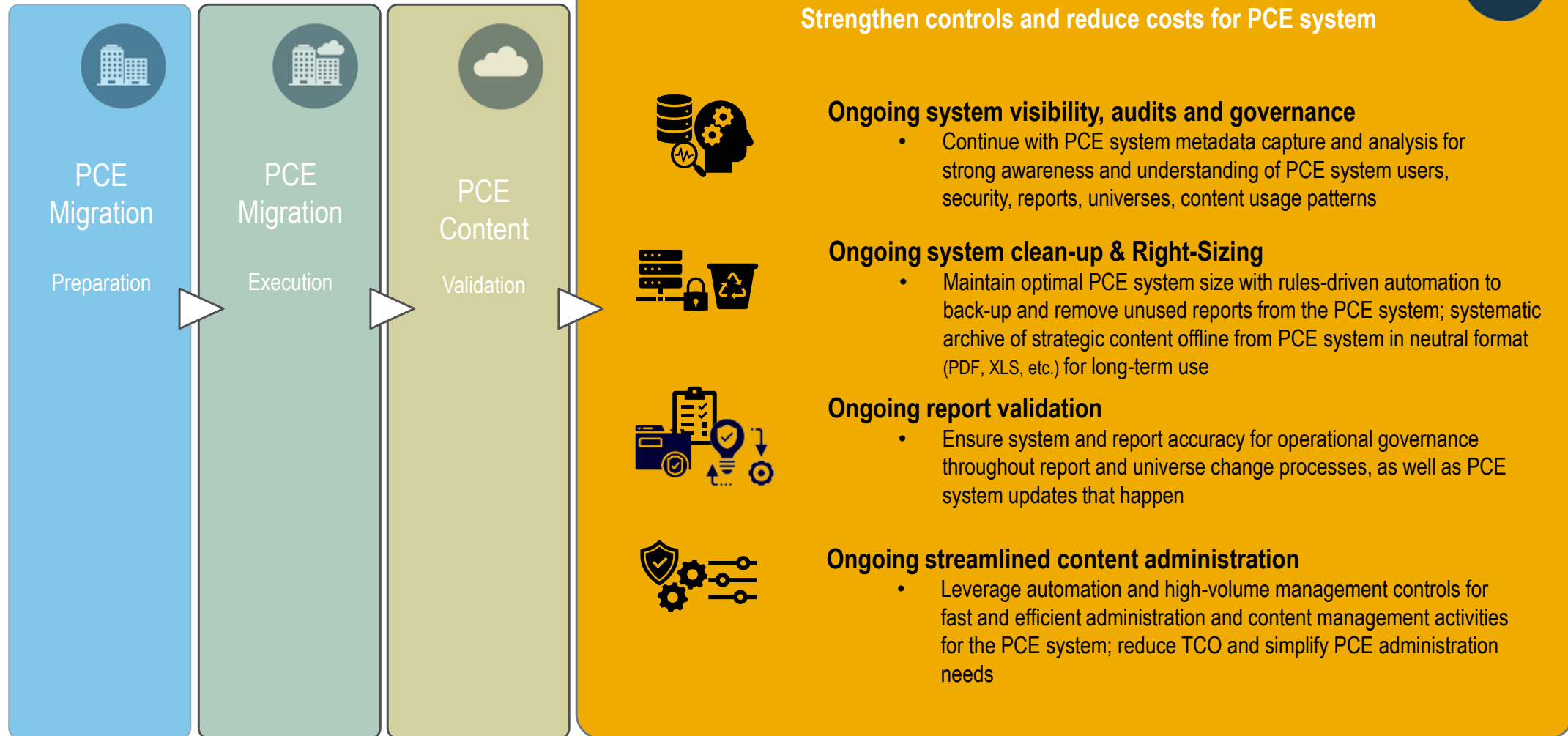
PCE Adoption Kit



PCE Adoption Kit



PCE Adoption Kit



SAP Analytics Cloud

APOS Solutions for SAP Analytics Cloud



APOS Live Data Gateway

- High-performance live data connectivity
- Virtualized, governed, self-service connectivity
- Connect to Relational databases
- Connect to OLAP data sources
- Connect to Cloud data environments
- Connect to SAP Application data

APOS Publisher for Cloud

- Automate secure information delivery
- Deliver timely information
- Create a flexible messaging environment
- Simplify administration
- Use multiple formats & destinations
- Burst stories with multiple filters
- Burst conditionally
- Collate stories
- Personalize PowerPoint bursting



APOS Insight for Cloud

Monitor – tracking & alerting for:

- SAC story performance
- System response measures

Validation automated comparisons across SAC versions of:

- SAC story data
- SAC story performance
- SAC story structure

Impact analysis – granular auditing of SAC story structure metadata

APOS Semantic Layer Migration

- Capture SAP BI Universe data connection and data modelling logic
- Project-based, wizard-driven interface
- Scan your SAP BI content for relevant data connections
- Harmonize SAP BI and HANA data modelling throughout Hybrid BI
- Translate SAP BusinessObjects modelling to SAP HANA Calculation Views
- Translate SAP BusinessObjects modelling to a unified semantic layer



Upcoming Events

Live Data Analytics – Unlock New Value and Insight - *Webinar*

February 10, 2022 - 11am EST

Using live data analytics, you can examine the current state of your enterprise data at any time, regardless of where that data is stored. APOS Live Data Gateway provides virtualized data connectivity to connect SAP Analytics Cloud and other analytics solutions to relational and OLAP, cloud-based or on-premise data assets, and even application-based data sources such as SAP Ariba.

Join us to find out how this virtualized data connectivity can provide the live data analytics you need.

What we will discuss:

- Why do so many organizations prefer live data connectivity?
- How does live data access deliver expanded value?
- How can you leverage live data from non-SAP sources with SAP Analytics Cloud?
- How can both self-service and governance be achieved with live data connectivity?
- ...and more.



Register at www.apos.com



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Join easily by searching "SAP Analytics Cloud (SAC)" & Request to Join on LinkedIn!

QUESTIONS?

Please enter your questions in the Q&A panel.



Thank You!

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