The Road Ahead for SAP BusinessObjects

Today's Session

Key Topics

- Introduction
- SAP BusinessObjects Update
    - Version 4.3, Service Pack 4
    - Roadmap Plans
- Regrouping to Move Ahead
- Question & Answers – see webinar console

APOS

SAP BusinessObjects

Hybrid BI

SAP Analytics Cloud

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**

Audience Questions

SAP Analytics Strategy
The Road Ahead for BusinessObjects

SAP Analytics
Product Vision: Cloud First

VISION
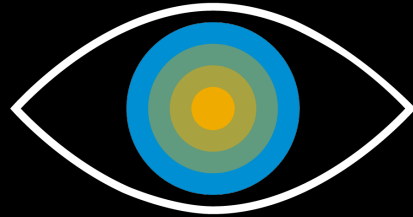
One enterprise grade cloud platform
combining human authored
and automated analytics
for confident decisions

SAP Analytics Cloud is SAP's strategic direction for Analytics

SAP Analytics Cloud (SAC) will be embedded in SAP Cloud Suite

SAP continues to evolve BusinessObjects (BOBJ)

SAP will continue to invest in the interoperability between SAC and BOBJ

SAP Analytics

Portfolio comparison by Use Case

Business Intelligence										Planning	Augmented Analytics		
High Volume Publications	Operational Reporting	Ad Hoc Reporting	MS Office Integration	Analytic Applications	Mobile	Dashboards	Data Exploration	Data Discovery	Content Catalog	Enterprise Planning	Conversational Analytics	Automated Analytics	Predictive Analytics

SAP Analytics Cloud

SAP BusinessObjects BI Suite

SAP Analytics
Hybrid Combination of BOBJ and SAC **EXTENDS** existing investment

SAP Analytics Cloud

Business Objects Enterprise

Search & Explore

Agile Visualizations

Analysis for Office

Application Design

Augmented BI
Planning
Predictive
Digital Boardroom

Access your investment in BOBJ from SAC

Access your SAC data models in Excel (A4O)

Universes and WebI Documents as Data Source

Push BOBJ Security Model

BOBJ Analysis for Office

Lumira Designer

Scheduling and Bursting

Universes
Web Intelligence
Crystal Reports
Lumira Discovery

SAP BusinessObjects
Timelines

	2021	2022	2023	2024	2025	2026	2027	2028	2029

SP09

Mainstream maintenance | Priority 1 support | **BI 4.2 (on prem)**

Mainstream maintenance | Priority 1 support | **BI 4.3 (on prem)**

SP01 SP02 SP03 SP04

SAP BusinessObjects BI 2025

Main code line

SAP BusinessObjects Enterprise, private cloud edition
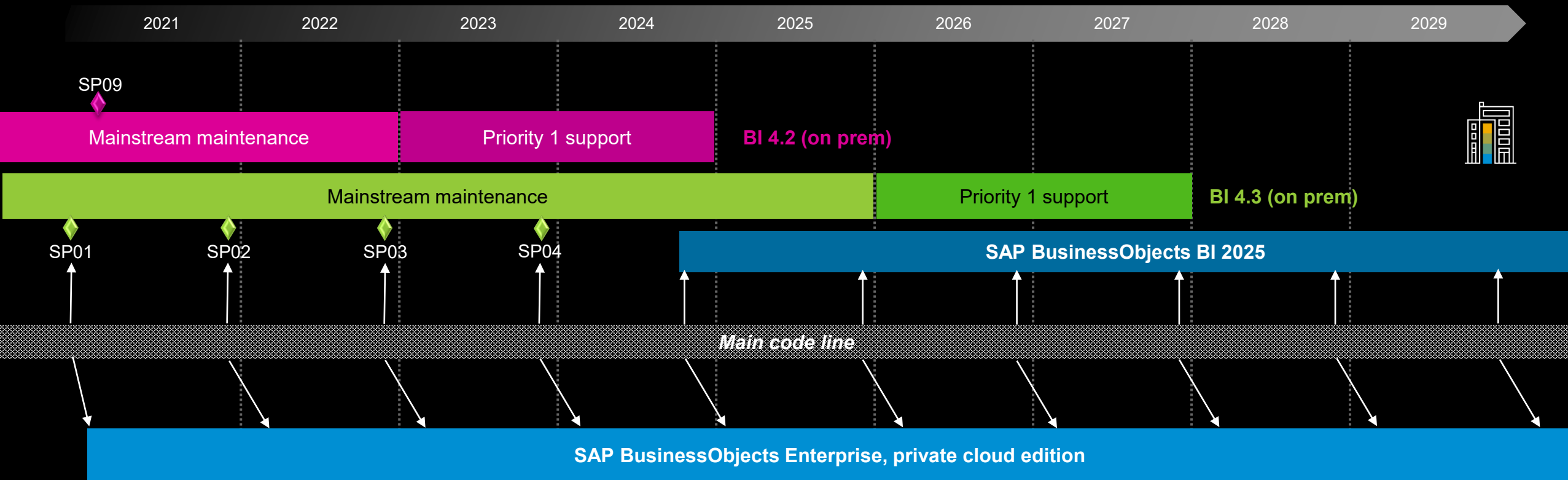
SAP Analytics Statement Of direction > HERE

SAP BusinessObjects
Private Cloud Edition

- **Current** version of BOE managed on Hyperscaler of choice (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

All Included

☑ =

| License subscription price (incl. Enterprise Support) **Licenses** | + | Cloud Infrastructure and Services **Infrastructure** | + | Pro-active Managed Services **Operations** |

+

Optional Additional Offerings

Implementation
Onboarding
Customer Enhancements

Optional Additional Storage and Application Servers

Additional subscription fee

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 Non-Prod Deployments

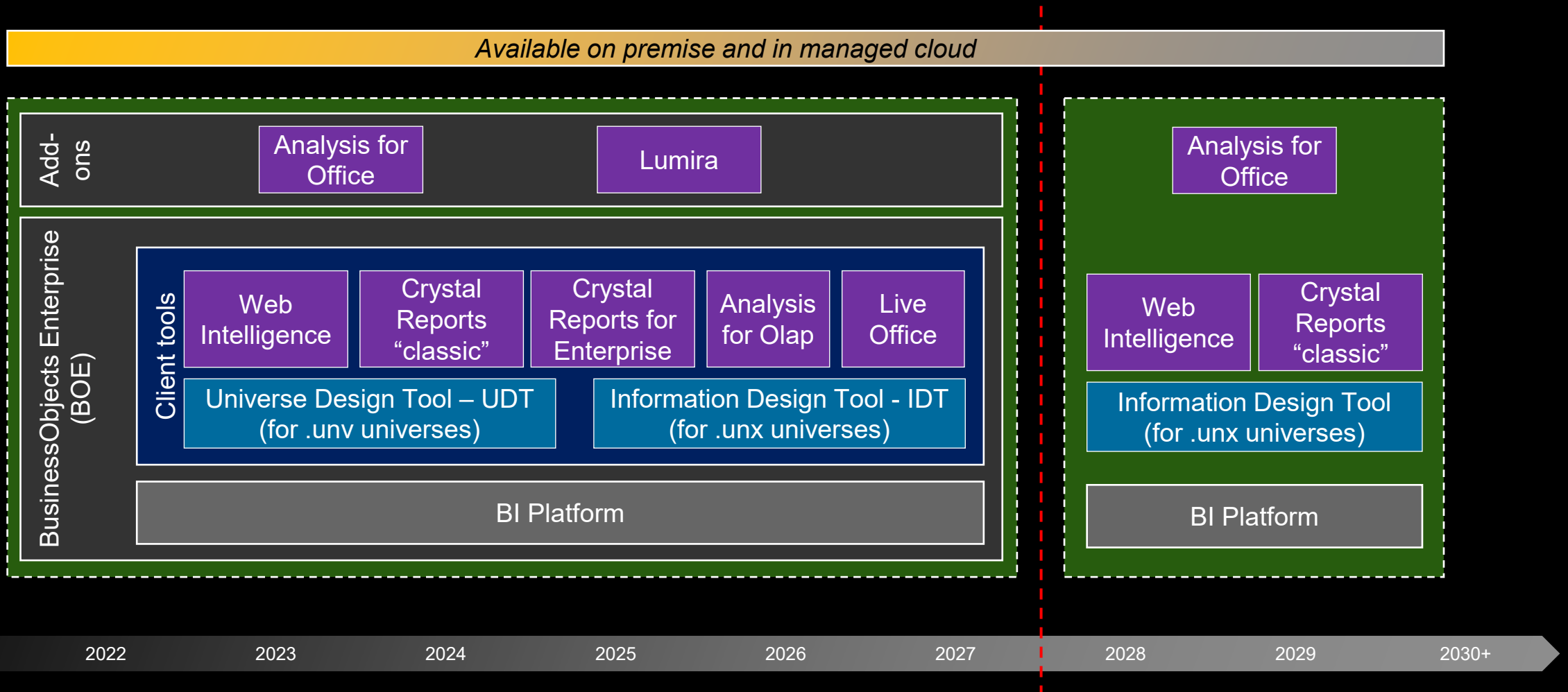Predefined deployment T-shirt sizes for non-prod landscapes

Additional subscription fee

Portfolio Direction

SAP BusinessObjects

Rationalization Strategy: right-size portfolio to focus on most-used tools after BOBJ 4.3 EOM

SAP BusinessObjects

Portfolio planned end of support with BI 4.3 (end of 2027)

Component	Go to solution
Lumira	Web Intelligence or SAP Analytics Cloud
Crystal Reports for Enterprise	Web Intelligence or Crystal Reports "classic" (CR2020, CR202x)
Analysis for OLAP	SAP Analytics Cloud
Live Office	Web Intelligence Document OData Access (4.3 SP2)
Universe Design Tool (and .unv)	Information Design Tool (and .unx)
Multi-source universes and associated connectivity	Data blending in Web Intelligence or at the DB level

Supported platforms
- We plan to stop the support of AIX and Solaris platform after BI 4.3
- Preferred OS are Windows and Linux

# SAP BusinessObjects BI 4.3 SP04 Preview (subject to change)

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# Preview - SAP BusinessObjects BI 4.3 SP04

#1
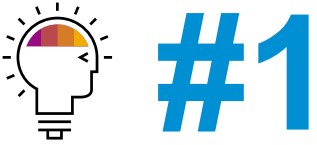
Extend the scope of specific key features:

- Crystal Reports enhancements
- Improve stability of the core BI Workspace
- Web Intelligence Data Mode enhancements:
  - Export your transformed data
  - New combine operators
  - Reuse cubes and objects from Data Flow in different joins
  - In Formula editor, prefix objects' name with the combined cube ID
- Cascading refresh for Web Intelligence document as a source & Web Intelligence OData Service

#2
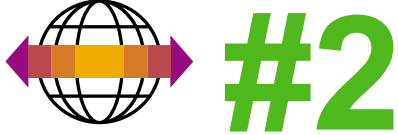
Deliver most wanted customers enhancements:

- Hide column when Empty or Dynamically in Web Intelligence document
- IntraDocument link: filter the target report by using complex input controls
- Support SAP Datasphere OLAP data
- BI Platform :
  - Information Classification capabilities
  - Authentication and Password Policy
  - Handle multiple Events while Scheduling
  - Improve update experience
  - SQL Parameterization

#3
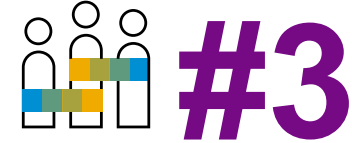
Continue to improve user experience:

- Charts improvements
- Web Intelligence : "Send to Email/FTP/SFTP/File Server"
- New functions in the formula language
- Continuous user interface enhancements
- Grouping prompts in Web Intelligence
- Define and consume Formatting specified on objects, in Web Intelligence designer
- Improve Universes' conversion performance (".unv" to ".unx")
- BILaunchpad: page display improvements
- New SDKs (custom Properties)

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Product direction – SAP Crystal Reports

Recently delivered*	Planned	Future**

User Experience

- Fiori Viewer for Crystal Reports 2020
- Optimize Crystal Reports 2020 Designer for High DPI screen

Increase Productivity

- Export to Google Drive / MS OneDrive from Fiori Viewer
- Export to page based XLSX (with formatting)

Extend Possibility

- 64bit Crystal Reports (End to end)
- All New Scheduling / Publication in Fiori BILP
- Expose Crystal Reports 2020 as OData service
- OData as data source for Crystal Reports 2020
- Respect orientation tag in JPG image
- New image display method – "Fit to Box"

Simplify

- (SP02+) Deprecation of Crystal Reports 2020 services on Linux/Unix

User Experience

- Fiori Viewer available in OpenDocument
- Fiori Viewer available in CMC

Increase Productivity

- Mark Favorite within Fiori Viewer
- Parameter 'Variant' support

Extend Possibility

- Create Crystal Reports 2020 report on relational UNX
- View / schedule / publish Crystal Reports 2020 UNX reports in BOE
- 64bit CR add-on for Business Suite (ALV Adapter)

Enhance Security

- Export password protected PDF from Fiori Viewer

Simplify

- Desktop Viewer for Crystal Reports 202x (Windows)
- Improve CR4E to Crystal Reports 202x migration
- Crystal Reports 202x Unv to Unx report migration
- Make Crystal Reports .NET runtime 64bit only

Increase Productivity

- Direct connection to local Excel / txt / csv
- Optimize CR use cases on mobile browsers
- QR code in CR Classic
- Support more bar code types

Extend Possibility

- Crystal Reports 202x on managed (IDT) relational connection
- Crystal Reports 202x RESTful SDK
- Use CR Fiori Viewer via SDKs
- Integration with new version of MS Visual Studio

** Crystal Reports 202x will be based on the Crystal Reports C++ stack.

Product direction – SAP BusinessObjects Web Intelligence

Recently delivered*

Self-Service BI

- Modern Web Intelligence 4.3 interface
- Simplified workflows for designers and viewers
- Unified query panel for all data sources
- Formulas editor enhanced
- Resize Table via "anchor" and "lasso" selection
- Ease block positioning via "guides"
- Support "pixel perfect" Reporting

Extend Possibility

- Google and Microsoft Drive support
- Web Intelligence OData v4 web services
- Objects enrichment for the end users
- Organize your "Prompts"
- Dynamically show/hide reports
- New Trellis chart

Data preparation

- Share the Web Intelligence Data Model
- Prepare, transform and enrich your data
- Preview your data via Facets navigation
- Visualize and Combine data flows (queries and objects)

Planned

Self-Service BI

- Additional enhancements to simplify user interface
- Advanced search in Available Objects panel
- Improve universes performance (.unx)

Reporting and Visualizations

- Charts improvements
- Hide column when Empty or Dynamically
- IntraDocument link: filters the target report by using complex input controls
- Support SAP Data Warehouse Cloud OLAP data
- New functions for the Formula Language (ex: Time dimensions, Retrieve Custom Properties Values, Data Provider Path, ...)

Data Preparation

- Reuse cubes and objects from Data Flow
- Other combine operators
- Export transformed data cubes
- Format defined at objects level
- Cascading refresh for WID as a Source & OData Service

Future

Self-Service BI

- Additional enhancements for the user interface
- Simplified creation workflows
- Grid and Snap to grid
- Maximize of blocks in the canvas at design

Reporting and Visualizations

- New charts type to enable Data Viz
- Custom tooltip
- Better interactivities
- Input Controls in Report
- Support BEx/HANA Drill Online for table and charts
- Management by exceptions
- OData source
- Canvas ready for Mobility use cases

Data Preparation

- Explore your data

Product direction – SAP BusinessObjects BI Platform

Recently delivered*	Planned	Future

BI Launch Pad

- UX improvements
- Display Document Path
- BI Launch Pad Reports Pinning

Server Management

- Schedule to Cloud (MS One Drive, Google Drive)
- Security – HTTP Strict Transport Security (HSTS) Support
- Enhance Password Policy
- Installer enhancements

Extend Possibility

- BI Platform Restful Services Integration with BOE WEBAPP

BI Launch Pad

- BI Workspace Support text modules (Embedded HTML)

Server Management

- Installation
  - Replace obsolete init.d script for Unix installer
  - Reduce TCO of upgrade
- Schedule with any one event when handling with multiple events
- Cryptographic Key Management Risk
- Information Classification capabilities through Azure Information Protection Platform integration
- Option to authenticate with X.509 certificate between SIA/CMS server and an Oracle CMS data base

BI Launch Pad

- Provide more control and alert in the Scheduling
- Improved search capabilities
- Improved user experience by:
  - Displaying useful alerts,
  - Accessing to document information

Server Management

- Increase CMC experience of the administrator on
  - The control of passwords and logins
  - The control of sessions
  - The reporting
  - The simplification of tools
- LCM: Better management of large repository
- Simplify installation, upgrade and deployment
  - Embed an app server with its full configuration to avoid to do it manually
  - Resistant Configuration for upgrades

Extend Possibility

- Extend BI Platform Restful Services to reduce the gap with .NET API SDK

Useful links

SAP Analytics Statement of Direction : https://www.sap.com/documents/2020/03/908ee705-8a7d-0010-87a3-c30de2ffd8ff.html

What's new in SAP BusinessObjects:
- BI 4.3: https://blogs.sap.com/2020/06/15/sap-bi-4.3-whats-new-in-web-intelligence-and-semantic-layer/
- BI 4.3 SP01: https://blogs.sap.com/2020/12/01/sap-bi-4.3-sp1-whats-new-in-web-intelligence-and-semantic-layer/
- BI 4.3 SP02: https://blogs.sap.com/2021/12/10/sap-businessobjects-bi-4.3-sp2-is-now-available/
- BI 4.3 SP03: https://blogs.sap.com/2022/12/07/sap-businessobjects-bi-4.3-sp3-is-now-available/

Free Learning SAP BusinessObjects BI 4.3: https://lnkd.in/eP93gnsQ

SAP BusinessObjects BI Community: https://community.sap.com/topics/bi-platform

Help Documentations : https://help.sap.com/docs/SAP_BUSINESSOBJECTS_BUSINESS_INTELLIGENCE_PLATFORM

Others: https://blogs.sap.com/2022/12/20/accelerate-your-move-to-sap-businessobjects-bi-4.3-with-360suite/

https://blogs.sap.com/2022/12/21/boost-your-sap-businessobjects-bi-4.3-visualizations-with-need4viz-addons/

Thank you.

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THE BEST RUN **SAP**

Session Resources

(see Handouts tab)

- **SAP Statement of Direction**
- **Session Slides & Recording** – to follow

- Invitation: **On the Road(map) Again (Sept 28)**

- **SAP BusinessObjects Upgrade Kit by APOS**
- **SAP BusinessObjects Operations Kit by APOS**
- **APOS Web Intelligence Migrator**

Regrouping for your SAP BusinessObjects Future

Regrouping for your SAP BusinessObjects Future

Upcoming Events

Regrouping for your SAP BusinessObjects Future

September 28, 2023 – 11 am EDT – 1 Week from Today

Unless your organization has been highly proactive with your BI deployment, there are probably some aspects of the maintenance, management, and roadmap readiness of your SAP BusinessObjects system that deserve attention and action. This session will help to bring those topics into focus and look at how to advance your system.

Session Topics:

- **Roadmap Reassessment** – a review of the latest roadmap update and the key points for consideration
- **Right-Sizing Your BI Deployment** – optimizing your deployment by rationalizing, reducing and restructuring
- **Migration Readiness** – forming and acting upon deep system knowledge
- **UNX Universe Adoption**– converting universes, upgrade and validate reports
- **Maintaining Your BI Deployment with Efficiency** – using automation effectively to do more with less

Register at www.apos.com

Upcoming Events

Breaking BI Barriers:
Live Connectivity from SAP Analytics Cloud to non-SAP Data Sources

October 12, 2023 – 11 am Eastern Time

APOS Live Data Gateway is helping organizations remove obstacles and open new BI and analytics value through live data connectivity from SAP Analytics Cloud to a wide range of enterprise data assets.

This session will focus on:

How to leverage non-SAP data assets from your:
- Cloud data environments, such as Snowflake, Databricks, Google, AWS, and Azure
- Relational sources such as SQL, Oracle, Teradata and DB2
- And many more sources

Latest updates and new capabilities of APOS Live Data Gateway, including:
- Seamless security integration - SSO, OAuth
- Self-service modelling, and management of modelling assets
- Data transformations: geospatial, dimensions, hierarchies, prompts
- Performance advancements

Register at www.apos.com

Upcoming Events

Breaking BI Barriers:
Automated Broadcasting of SAP Analytics Cloud Reports

October 26, 2023 – 11 am Eastern Time

Many organizations that have adopted SAP Analytics Cloud find that their report broadcasting requirements are larger than SAC's built-in publications capabilities. This session will give you a clear view into how **APOS Publisher for Cloud** delivers on enterprise-level report broadcasting and distribution requirements.

This session will focus on leveraging automated, data-driven SAC report broadcasting with:

- Data-driven dynamic broadcasting
- Report broadcast destinations
- Multiple format options
- Consolidation of multiple reports
- Custom scheduling
- SAP BW & Datasphere user-based broadcasting
- High availability; Distributed processing
- Security & administration

Register at www.apos.com

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

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

STREAMLINE YOUR MOVE TO UNX UNIVERSE
Freemium Upgrade Offer

Automate UNX Adoption with APOS Web Intelligence Migrator

APOS Web Intelligence Migrator helps you reduce risk, reduce cost, and increase speed of UNX upgrades through rapid, high volume conversion, bulk repointing, automated testing and strong process controls.

APOS Freemium offer includes:

- ✓ Free Production deployment use of APOS Web Intelligence Migrator
- ✓ Scan and inventory your SAP BI systems
- ✓ Bulk convert all UNV universes to UNX
- ✓ Bulk repoint a target set of 200 WebI reports
- ✓ Validate migration success
- ✓ 100 days of free use
- ✓ Inventory multiple systems
- ✓ Guidance and support

Access now at apos.com/freemium

APOS

APOS Solutions for SAP Analytics Cloud

APOS Live Data Gateway

- High performance, live data connectivity from SAC to wide range of data sources

APOS Publisher for Cloud

- Automated broadcasting and distribution of personalized SAC reports to target user groups

APOS Insight for Cloud

- Enhanced Monitoring, Auditing and Report Testing for SAP Analytics Cloud

Interested in learning more about SAP Analytics Cloud and Sharing your experience?

JOIN THE SAP ANALYTICS CLOUD GROUP TODAY!

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

QUESTIONS?

Please enter your questions in the Q&A panel.

APOS

Thank You!

Get in Touch

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