WEBINAR

Upgrade & Adapt

Preparing for the SAP BusinessObjects Roadmap

SPEED   QUALITY   COSTS

APOS

Today's Session
Key Topics

Upgrade & Adapt - SAP BusinessObjects

- SAP Statement of Direction Update

- SAP BusinessObjects Timelines

- BI 2025 Supported Content Changes

- Preparing for BI 2025

- Q&A – see webinar console

APOS

Who is APOS?

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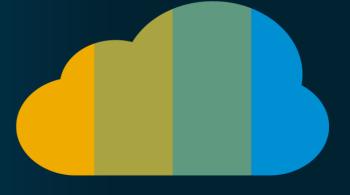- Strategic SDK development and consulting
- Hundreds of customers globally

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

Download the **handouts** in the panel

Tell us how we did in the **survey**

APOS

Alan Golding
Solution Consulting Manager
APOS

Fred Walther
Senior Solution Consultant
APOS

Chris Hickman
Founder & Data Strategist
Blueline Insights

Updated Statement of Direction – SAP BI & Analytics

PUBLIC

SAP ANALYTICS
Business Intelligence Statement of Direction
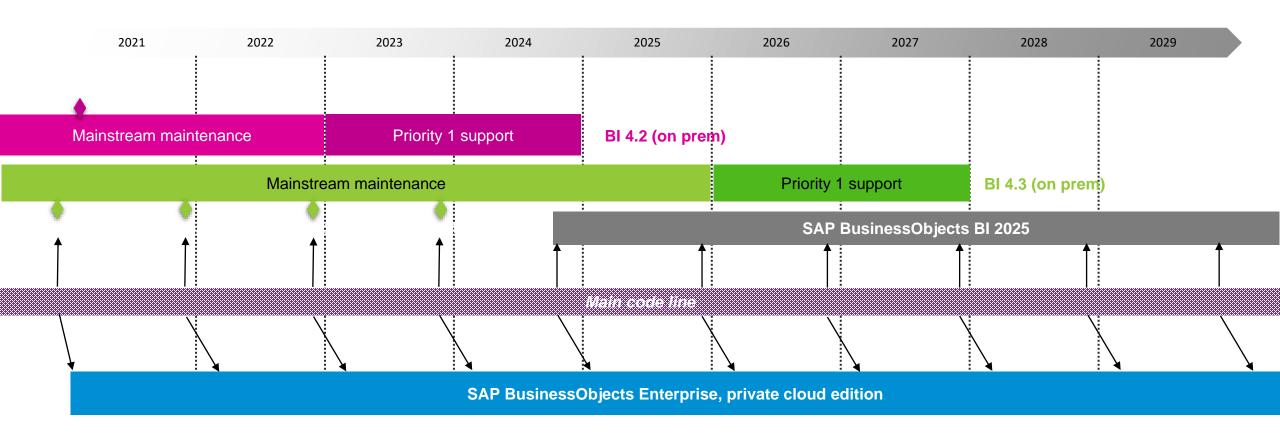
October 2023

SAP BusinessObjects
Timelines

Timelines below are as of October 2023 Statement of Direction and are no longer current!!

2021	2022	2023	2024	2025	2026	2027	2028	2029

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

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

SAP BusinessObjects BI 2025

Main code line

SAP BusinessObjects Enterprise, private cloud edition

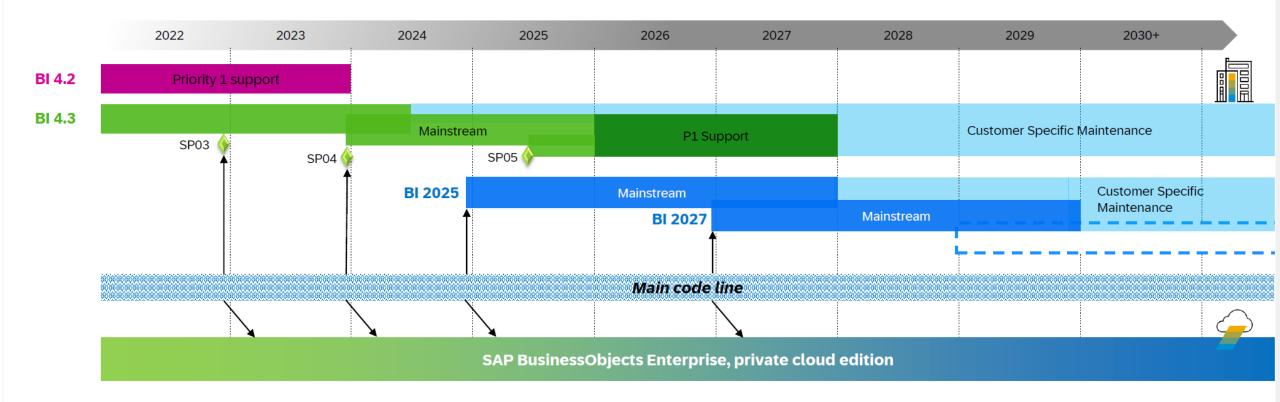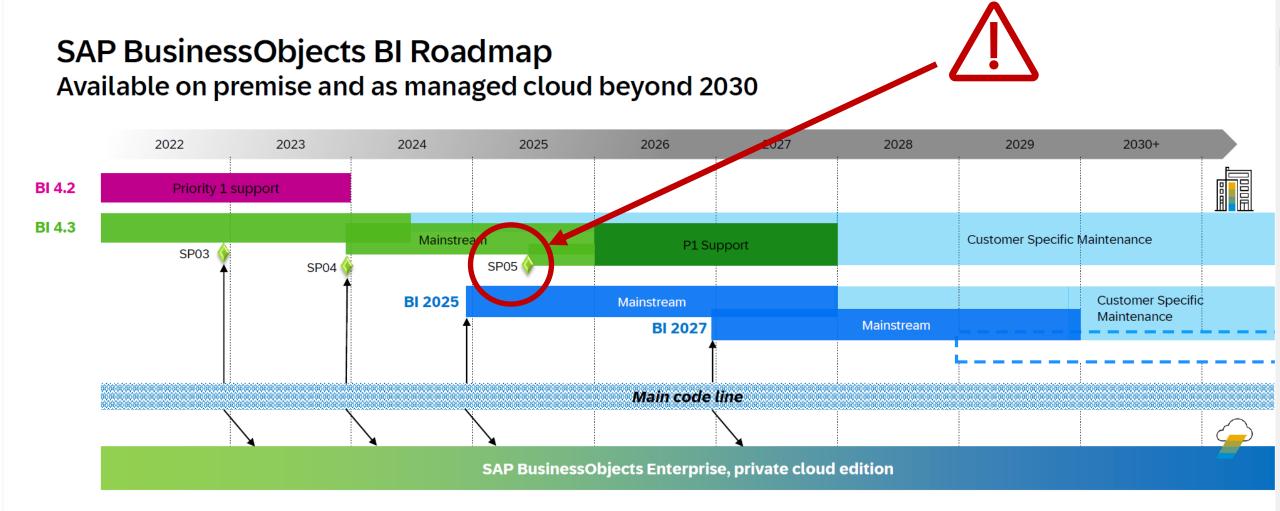# Updated Statement of Direction – SAP BI & Analytics

> "
>
> With more than 30 years of innovations, **SAP BusinessObjects Business Intelligence platform (SAP BusinessObjects BI)** equips thousands of companies which reliably manage enterprise reporting use cases at scale. With upcoming versions following 4.3, available on premise and as managed cloud, your investments are safe beyond 2030.
>
> "

SAP BusinessObjects BI Roadmap
Available on premise and as managed cloud beyond 2030

	2022	2023	2024	2025	2026	2027	2028	2029	2030+

BI 4.2 — Priority 1 support

BI 4.3 — SP03, SP04, Mainstream, SP05, P1 Support, Customer Specific Maintenance

BI 2025 — Mainstream, Customer Specific Maintenance

BI 2027 — Mainstream

Main code line

SAP BusinessObjects Enterprise, private cloud edition

- We will revisit our roadmap on a regular basis
- Starting with BI 2025, we plan to align with SAP standard maintenance strategy
- Learn more in the SAP Analytics Business Intelligence Statement of Direction

SAP BusinessObjects BI Roadmap
Available on premise and as managed cloud beyond 2030

| | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030+ |

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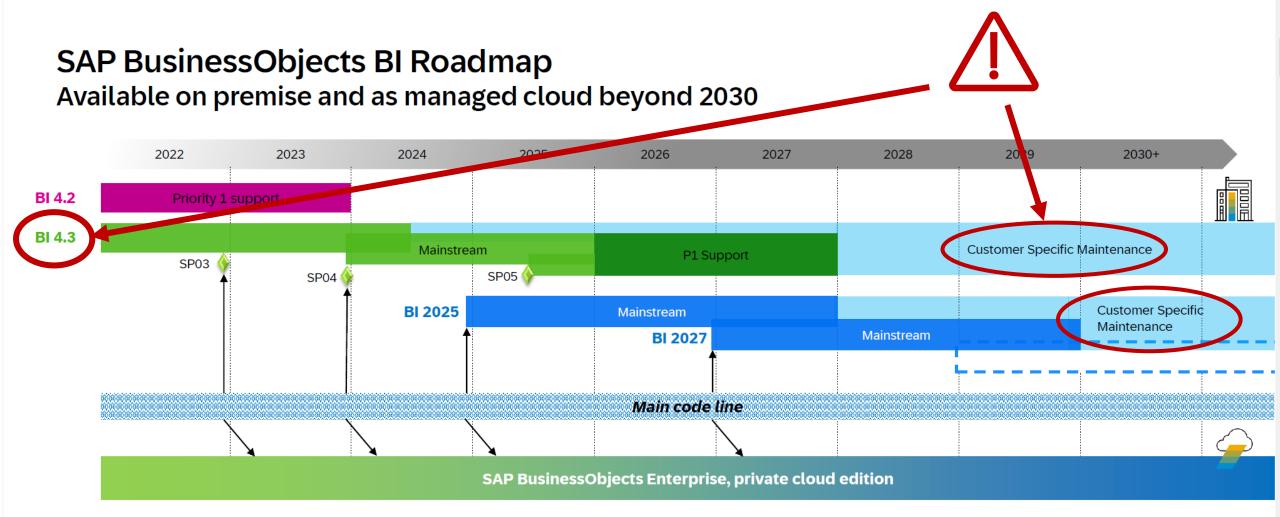
SAP BusinessObjects BI Roadmap
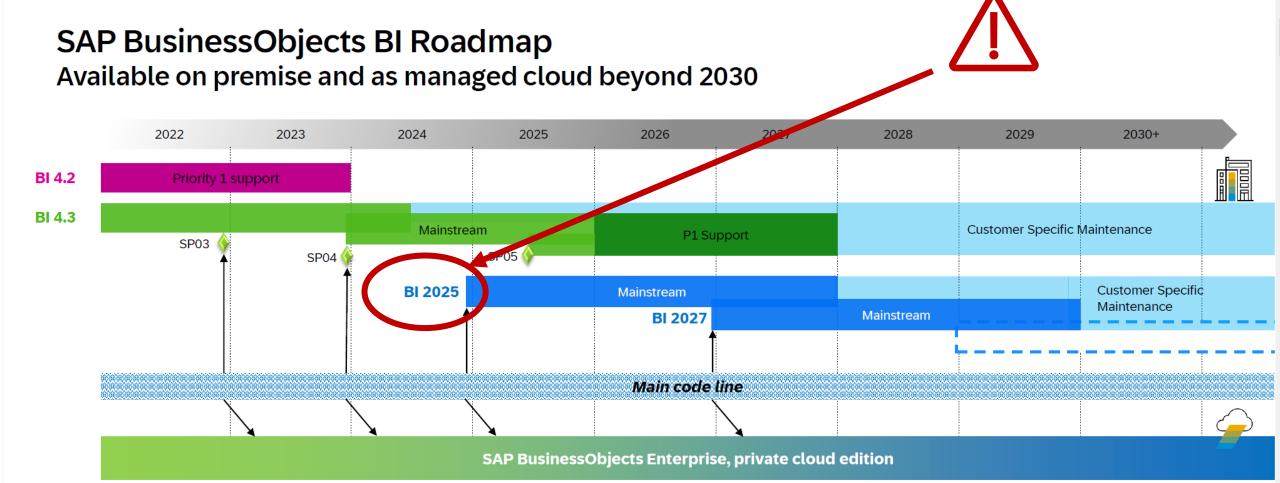## Available on premise and as managed cloud beyond 2030

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"All versions from BI 4.3 will benefit from Customer Specific Maintenance as soon as Mainstream Maintenance ends. During this phase, support service is provided, but no software updates or fixes."

SAP BusinessObjects BI Roadmap
Available on premise and as managed cloud beyond 2030

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SAP BusinessObjects BI 2025 and beyond

We plan to release the first version of SAP BusinessObjects BI 2025 in Q4 2024. In order to accelerate the go live to production for early adopters, we plan to run an Early Adopter Care Program during first months of 2025, after which BI 2025 will be Generally Available. If you want to benefit from exclusive support from Product Group during this program, please contact us at sapaskanalytics@sap.com.
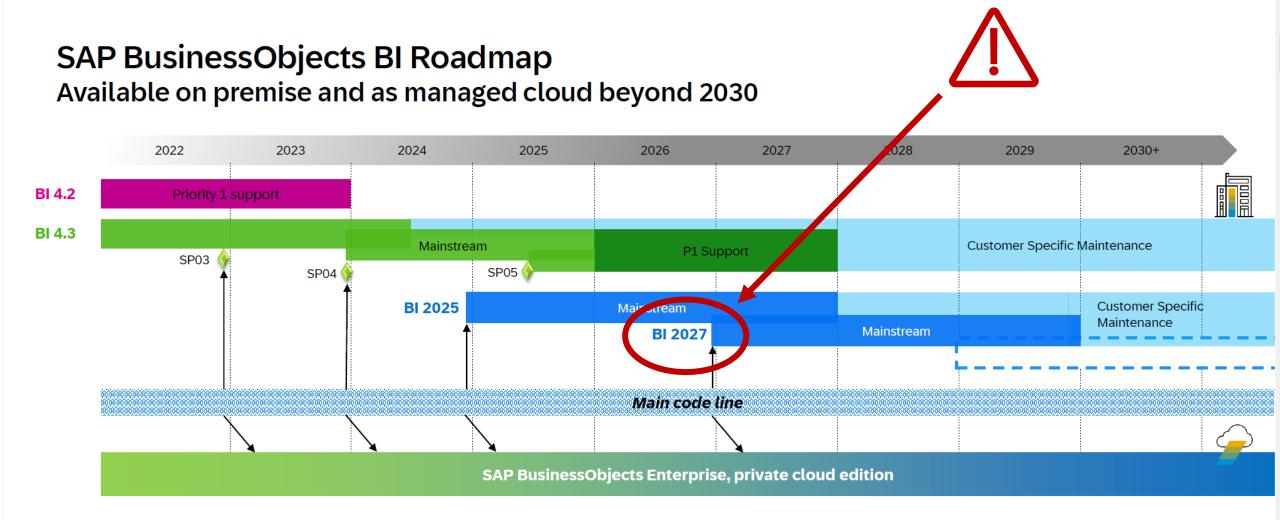
SAP BusinessObjects Web Intelligence is a powerful business intelligence tool that enables organizations to make informed decisions based on actionable insights through an intuitive user interface. Its value proposition lies to its strong link to the Semantic Layer (universes) enabling an incomparable no-code ad-hoc query experience and in its ability to deliver real-time data analysis and reporting.

Within BI 2025, Web Intelligence will receive a significant upgrade, enabling users to go beyond transactional reporting and data preparation thanks to three main innovations:
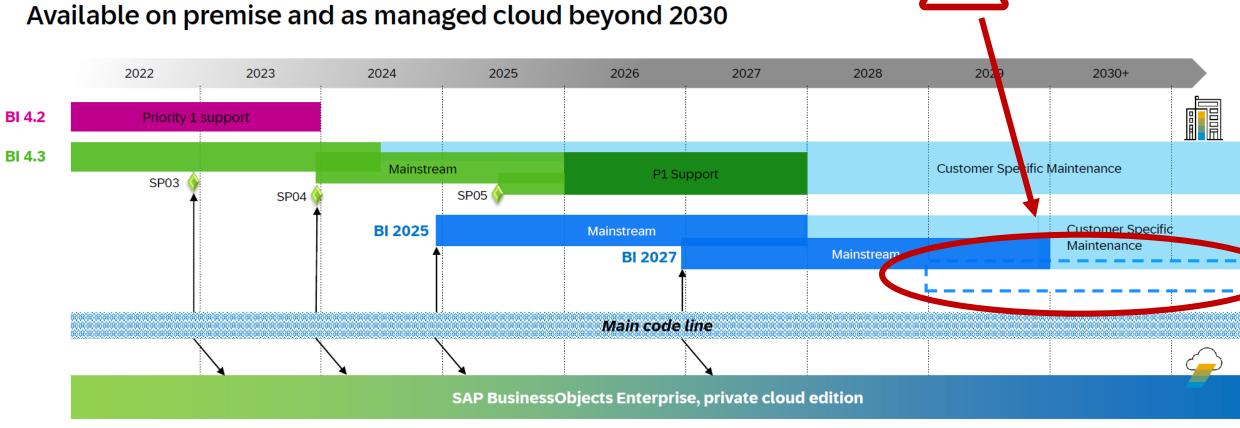
"

In alignment with SAP standard maintenance strategy, we will switch from yearly support packages to minor releases every 2 years, with Mainstream Support for 3 years followed by Customer Specific Maintenance. This new model will address the need for more stability while keeping regular updates.

"

SAP BusinessObjects BI Roadmap
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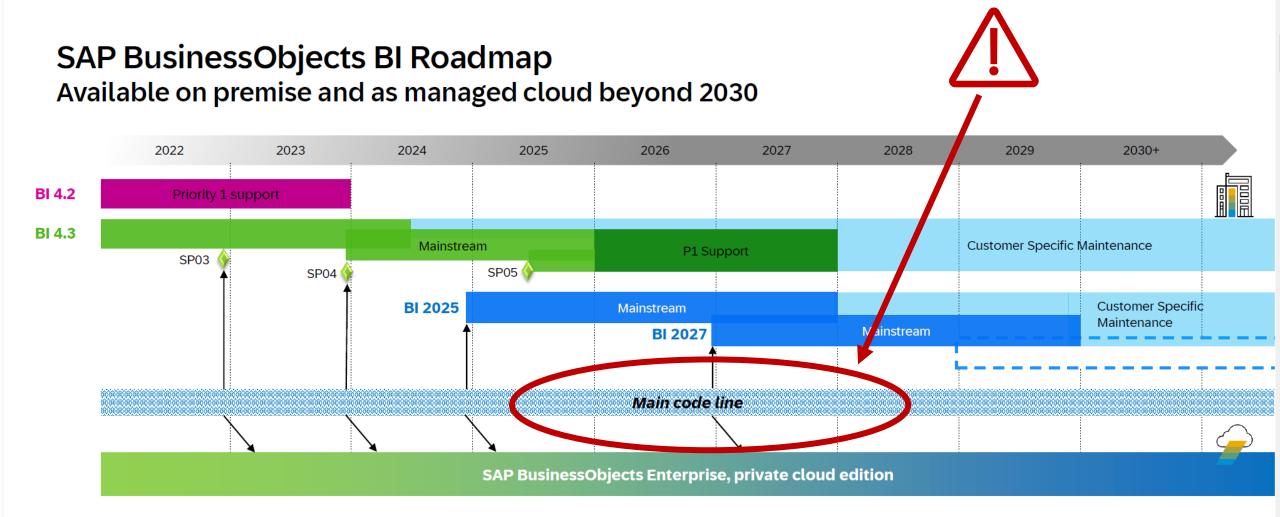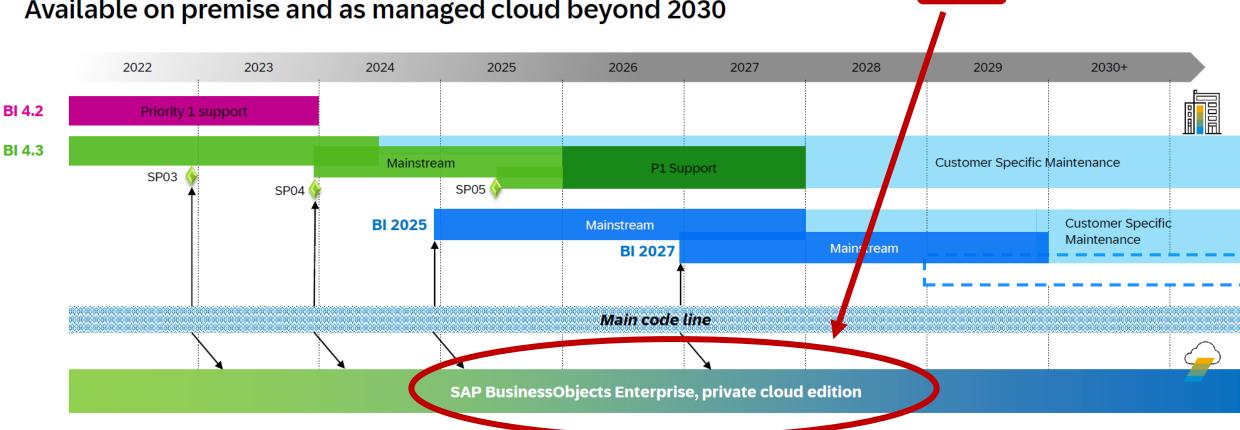
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> **SAP Analytics Cloud** is SAP's strategic analytics & planning offering and is changing the way our customers run their business, by allowing them to analyze their data in context and to make better and faster decisions. The integration of analytics and planning augmented by AI in one native cloud solution allows to move from insight to action, brings analytics closer to the point of decision, and provides trusted insights from customers' most valuable data.

> ## Transition to SAP Analytics Cloud
>
> SAP Analytics Cloud is SAP's strategic analytics & planning offering and customers should consider it for new applications, use cases and users. Rather than a big bang approach, we recommend to gradually move workloads from SAP BusinessObjects to SAP Analytics Cloud, and along with our partner community, we are committed to support every customer through this journey.
>
> Please refer to our [move your analytics to the cloud](#) portal to learn more about benefits and resources.
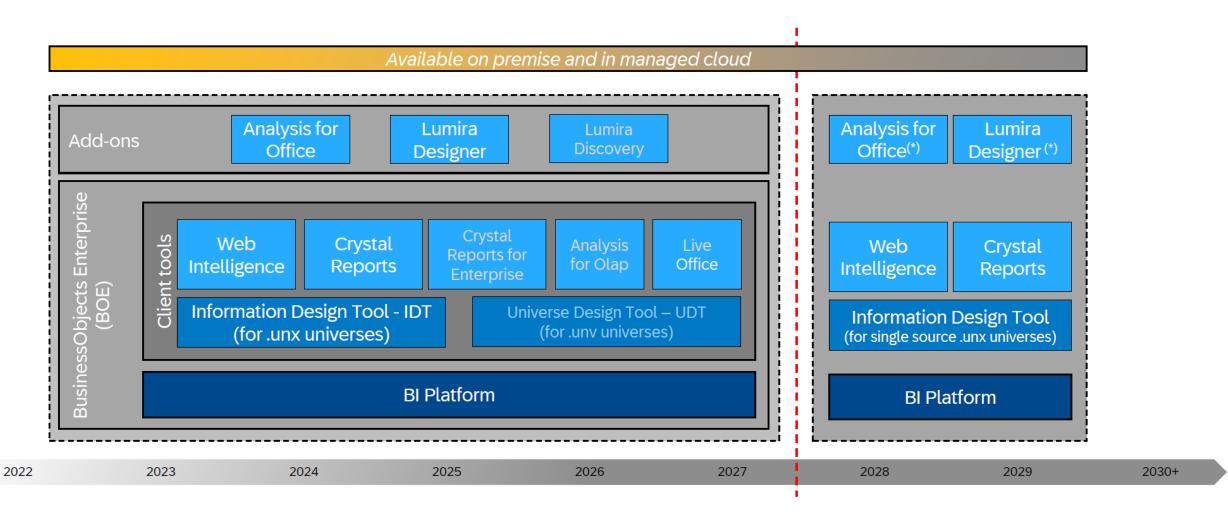
Preparing for BI 2025:

Supported Content Changes

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SAP BusinessObjects portfolio
Rationalization strategy

Available on premise and in managed cloud

BusinessObjects Enterprise (BOE)

Add-ons
- Analysis for Office
- Lumira Designer
- Lumira Discovery

Client tools
- Web Intelligence
- Crystal Reports
- Crystal Reports for Enterprise
- Analysis for Olap
- Live Office
- Information Design Tool - IDT (for .unx universes)
- Universe Design Tool – UDT (for .unv universes)

BI Platform

- Analysis for Office(*)
- Lumira Designer (*)
- Web Intelligence
- Crystal Reports
- Information Design Tool (for single source .unx universes)

BI Platform

| 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030+ |

(*) SAP Analysis for Microsoft Office and SAP Lumira Designer will be maintained and supported, but no new feature will be delivered

SAP BusinessObjects portfolio
Not delivered from BI 2025 on

Component	Go to solution	Blog
Lumira Discovery	SAP Analytics Cloud	Accelerate your move from SAP Lumira Designer to SAP Analytics Cloud
Crystal Reports for Enterprise	Web Intelligence or Crystal Reports	Moving from Crystal Reports for Enterprise to Crystal Reports
Analysis for OLAP	SAP Analytics Cloud	SAP-BusinessObjects Analysis Edition For Olap Alternatives
Live Office	SAP Analysis for Microsoft Office Web Intelligence Document OData Access (4.3 SP2)	SAP BusinessObjects Live Office Alternatives
SAP BusinessObjects Mobile	Web browser on mobile devices	SAP BusinessObjects Mobile alternatives
Universe Design Tool (and .unv)	Information Design Tool (and .unx)	Unv is dead long live-unx
Multi-source universes and associated connectivity	Data blending in Web Intelligence or at the DB level	BusinessObjects Multi source Universes Alternatives

Supported platforms

- We will stop the support of AIX and Solaris platform after BI 4.3
- Preferred OS are Windows and Linux
- Crystal Reports 2020 services are supported on Windows only from version BI 4.3 SP2 on

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Preparing for BI 2025:

UNV Deprecation

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Upgrade Challenge: UNV Deprecation

Across BusinessObjects deployments, the UNV universe is the most common and prevalent universe format in use.

- UNV format universe introduced in early 1990s

- UNX format universe introduced in 2011 (BI 4.0) but significant percentage of deployments continued fully with UNV, or only partial use of UNX

- Vast amounts of Web Intelligence reports rely on UNV universes

- BI 2025 will not support UNV, so all relevant content must be migrated to UNX format

Solution Requirement: Upgrade Content

Relevant content for upgrade to UNX format includes:

- all UNV universes must be upgraded to UNX format

- all Web Intelligence reports that connects to those universes must have their connection changed from the old UNV universe to the new UNX universe

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Solution Barrier: Heavy Manual Process

Manual update of all universes and individual reports is very time consuming, so many organizations have avoided starting the project of UNX adoption due to:

- Project budget restrictions

- Limited team resources, higher priority projects

- Challenge of coordination with BI User departments

- Risk avoidance

Solution Results: Automate UNX Adoption Steps

Automate the process of:

- Manual conversion of universes from UNV to UNX format

- Publish new UNX universe

- Manual repointing of Web Intelligence report to new UNX format universe

- Verify and validate the repointed Web Intelligence report results

- Publish the repointed Web Intelligence report

APOS

UNX Universe Adoption Considerations

Manual Upgrade Time Estimates

- Manual conversion of universes from UNV to UNX format
  - 5 minutes per universe

- Publish new UNX universe
  - 2 minutes per universe

- Manual repointing of Web Intelligence report to new UNX format universe
  - 10-15 minutes per report

- Verify and validate the repointed Web Intelligence report results
  - 8-10 minutes per report

- Publish the repointed Web Intelligence report
  - 2 minutes per report

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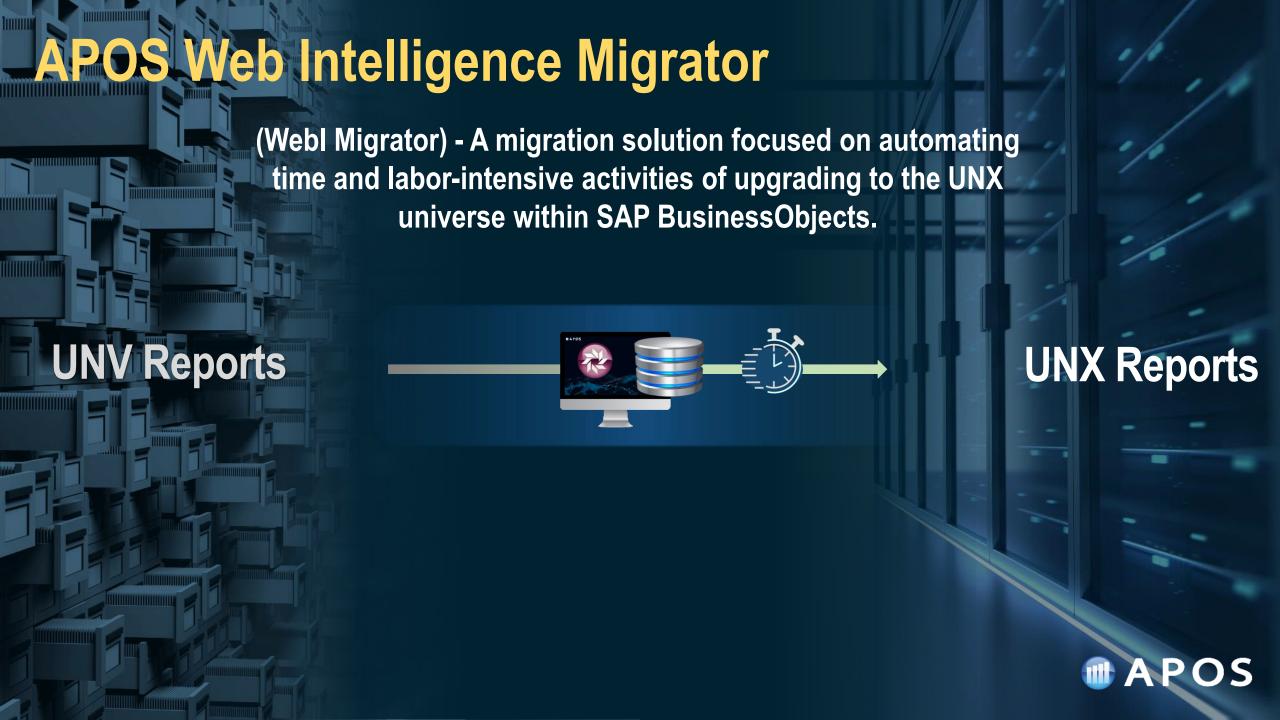
UNX Universe Adoption Considerations
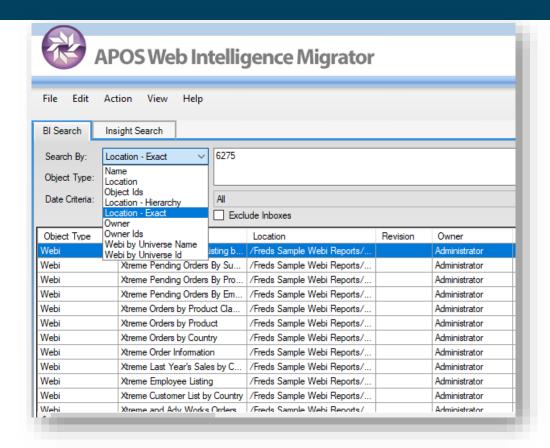
Example Manual Upgrade Estimate

- 50 universes
- 5000 Web Intelligence reports
  - @ 7 minutes/universe
  - @ 20 - 27 minutes/report
  - = ~1700 - 2250 hours (212 – 281 days)

- 100 universes
- 75000 Web Intelligence reports
  - = ~25700 - 34450 hours   (3213 – 4306 days)

APOS

APOS Web Intelligence Migrator

(WebI Migrator) - A migration solution focused on automating time and labor-intensive activities of upgrading to the UNX universe within SAP BusinessObjects.

UNV Reports

UNX Reports

APOS
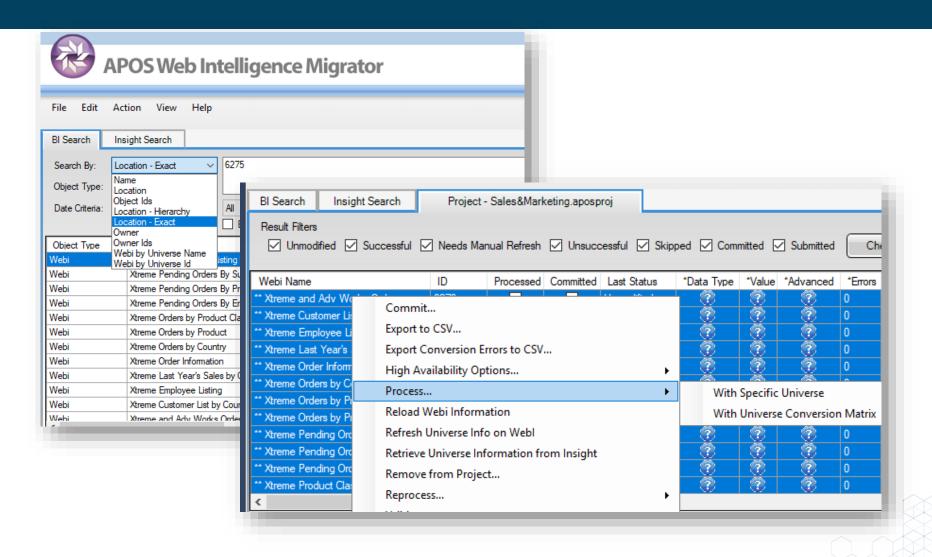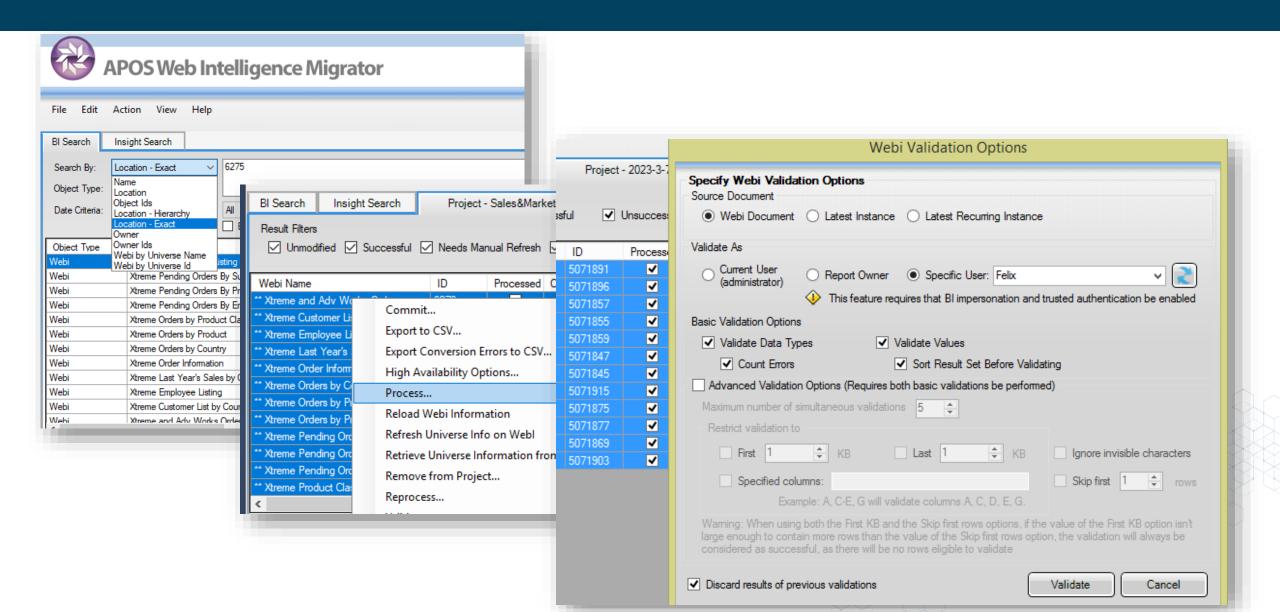
Web Intelligence Repointing Step 1 – Select
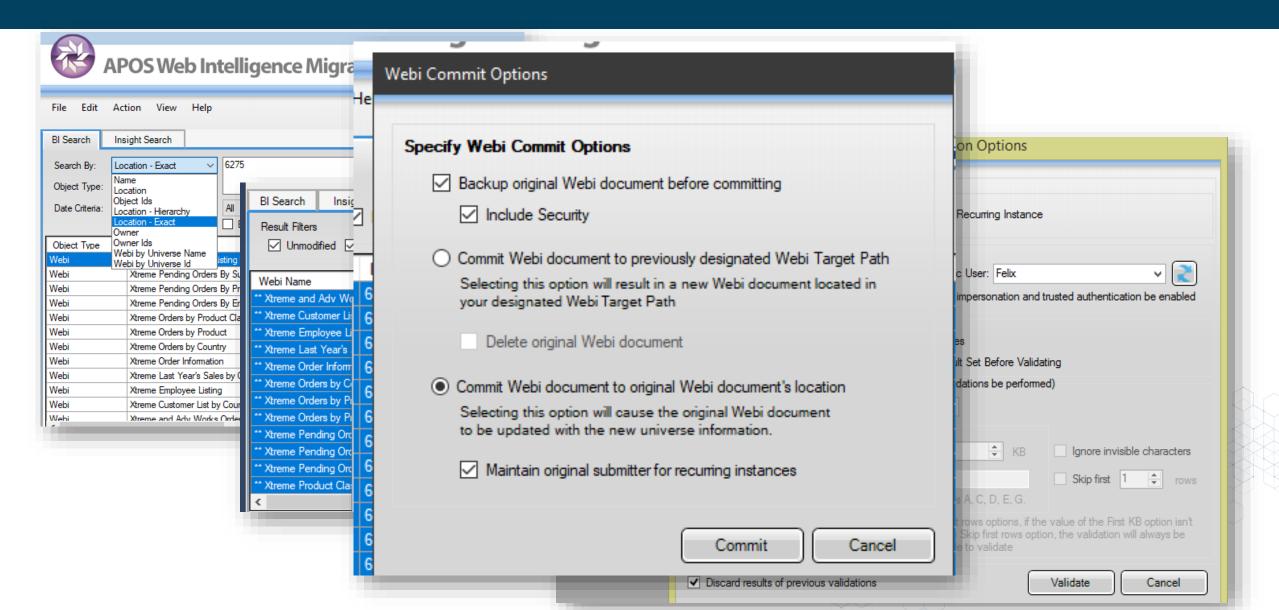
Web Intelligence Repointing Step 2 – Process

Web Intelligence Repointing Step 3 – Validate

Web Intelligence Repointing Step 4 – Commit

Preparing for BI 2025:

Streamline System Content

Upgrade Challenge: Unnecessary System Content

Over time, most BusinessObjects deployment have significant growth in the amount of report content and other system content within the BusinessObjects system.

- It is very common for this content to become outdated, unused, and no longer relevant.

- Many organizations are left with a proliferation of content that does not need to exist in the system, and this 'technical debt' leads to unnecessary cycles, workloads and inefficiencies during an upgrade process.

- Content migration, management, storage, security and testing are all executed needlessly on this system content

Solution Requirement: Streamline System Content

In order to simplify the migration process, the excess and unnecessary content needs to be removed from the system. By removing from the system, it is removed from all of the upgrade and migration processes, and is no longer technical debt for the system

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Solution Barrier: Poor Visibility + Manual Actions

While the concept of streamlining the system and removing unnecessary content is simple in concept, challenges exist in executing this efficiently and effectively:

- Finding unused content accurately

- Prioritize content for retention or deletion

- Removing content with granular control

- Retaining BI assets for potential future use or compliance
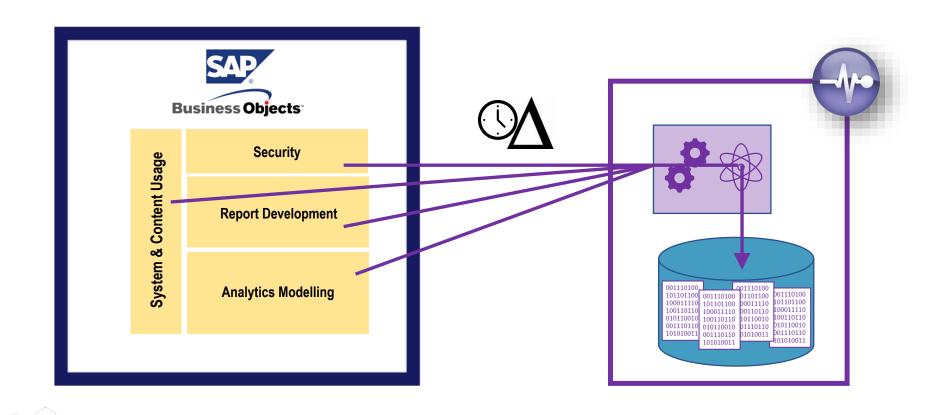
Solution Results: Automated System Clean Up

Automate the process of:

- Isolating unnecessary and unused reports

- Archive the BI asset in an offline repository for future access when needed

- Delete the unnecessary report from the main BusinessObjects system

- Repeat the automated steps in an ongoing manner

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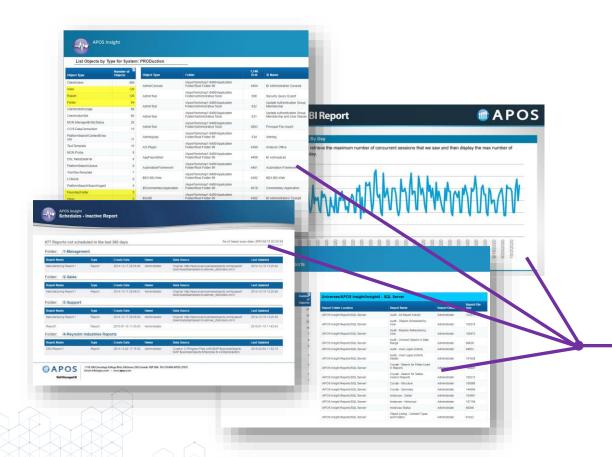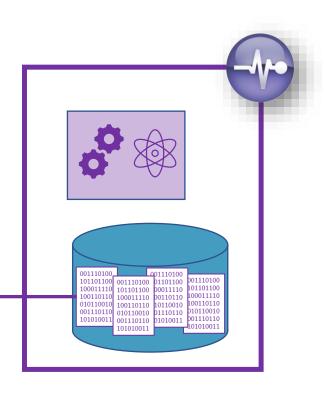
System Metadata
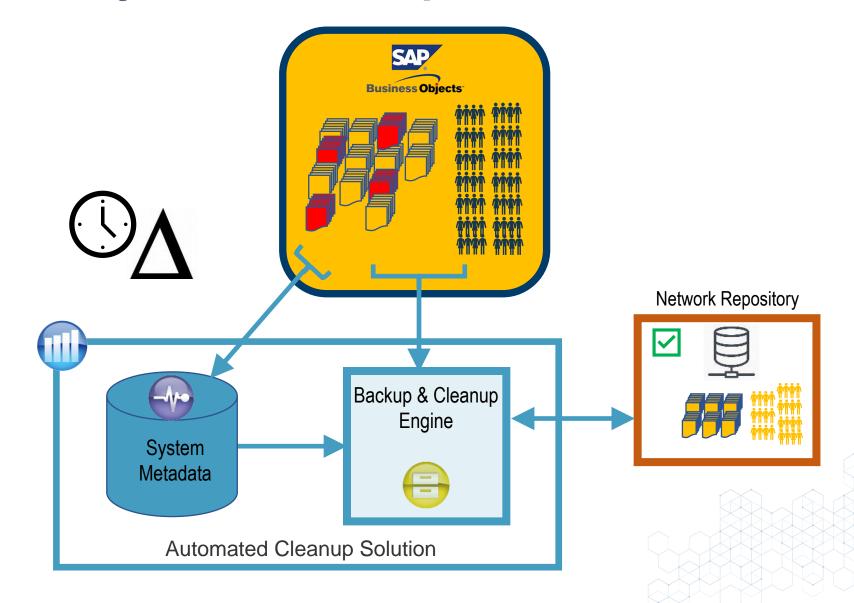
System Analysis

Automated System Clean-Up

Network Repository

System Metadata

Backup & Cleanup Engine

Automated Cleanup Solution

APOS

Automated System Clean-Up

Network Repository

System Metadata

Backup & Cleanup Engine

Automated Cleanup Solution

APOS

Reduce - Content & Users

Before	After
Reports = 1200	Reports = 350
Instances = 150,000	Instances = 73,550
Universes = 45	Universes = 20
Users = 750	Users = 500
Groups = 65	Groups = 30
Total Objects = 152,060	Total Objects = 74,450

End Result : SAP BI content and user count reduced by over 50%

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Upgrade Challenge: Time Consuming Upgrade Steps

Even with simplified upgrades and migrations, certain steps within the BusinessObjects migration process are time intensive. These time intensive and repetitive manual steps are problematic due to:

- Upgrade project timeline pressures

- Limited BI team resources & competing priorities

- Human error - oversights and execution mistakes

Solution Requirement: Reduce Execution Time of Steps

By simplifying the platform migration execution steps and reducing the associated time required, BI team resources can complete the upgrade project in significantly improved and condensed schedules. In addition to lowering project risk, this allows the BI team resources to move on to fulfill other higher value activities.

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Solution Barrier: Execution Step Obligations

While repetitive and time consuming, many of the migration execution steps cannot be compromised and are fully necessary to ensure:

- System functionality
- System performance
- System accuracy
- User trust
- Process governance

Solution Results: Automate Execution Steps

Automate the challenging & time consuming manual steps:

- Rebuild and manage system security, preferences, settings
- Rebuild and manage system schedules
- Granular content promotion
- Report testing and validation
- Process validation

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Migration Execution

Augment SAP tools for granular controls & focused needs in Target system

Rebuild and manage system security, settings, preferences
Utilize automation and high-volume management controls for system set up and configuration – object settings, preferences, security

Rebuild and manage system schedules
Utilize automation and high-volume management controls for migration, creation and edits of report schedules – both legacy and new schedules and publications

Upload and manage deltas of reports
Incremental migration of new system content (reports, instances) produced during transition from source system to target system

Ongoing audit of source and target systems
Assess synchronization and deltas between source and target systems for specific actions throughout the migration process

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Content Validation

Confidence and assurance that the migration has been successful

Complete Target System Inventory
Perform full content audit of the upgraded system with automated processes to ensure that all report objects, report instances, and schedules were moved successfully to target system

Validate Report Data
Ensure that reports on target system are producing data results consistent with source system with automated report testing processes which fully execute and compare the data results produced by reports running on both systems

Ensure Report Performance
Validate systematically that report processing and rendering speeds are acceptable and within measured tolerance levels, with alerting to poor performance
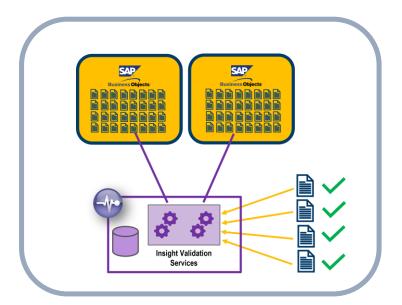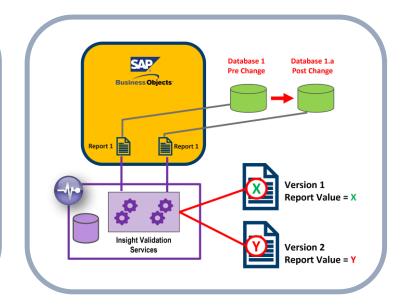
APOS
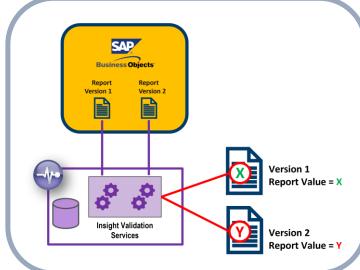
APOS automated report testing solution utilizes a project-based, highly controlled environment for comparison testing of the accuracy and performance of reports between versions and environments of SAP BusinessObjects.

- Simplified project setup and management
- Automated testing
  - Regression Testing
  - Upgrade/Migration Testing
  - Validation of Report Data
  - Report Performance Testing
- Actionable results

- Save Business resource time and opportunity costs
- Save IT resource time and opportunity costs
- Expand breadth of testing
- Expand depth of testing
- Reduce risk
- Improved controls and governance
- Speed migrations, upgrades, technology updates

Preparing for your SAP BusinessObjects Future

APOS

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

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STREAMLINE YOUR MOVE TO UNX UNIVERSE

Freemium Upgrade Offer

APOS Web Intelligence Migrator

INVENTORY SYSTEM CONTENT

Detailed view of universes and reports for effective project planning

BULK CONVERSION OF UNIVERSES

High-volume conversion of universes from UNV to UNX format

HIGH VOLUME REPOINTING OF REPORTS

Scan and repoint Web Intelligence reports in bulk from old UNV to new UNX

VALIDATE UPGRADE SUCCESS

Automated testing of reports to validate successful and accurate migration

STRONG PROCESS CONTROLS

Enterprise-grade controls to synchronize and scale your migration processes

APOS Freemium Offer

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 up to 200 WebI reports
- Validate migration success
- 100 days of free use
- Inventory multiple systems
- Guidance and support

Access now at apos.com/freemium

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APOS has been serving the SAP BusinessObjects user community for 20 years, providing solutions for automating key functions in managing an SAP BI platform.

Whether you are upgrading your on-premise BI in preparation for SAP BusinessObjects 2024, moving to SAP BusinessObjects Private Cloud Edition, or migrating to SAP Analytics Cloud, migrations can be challenging, putting strains on resources, so streamlining and automating processes is needed. APOS solutions simplify and automate many key processes in a successful SAP BusinessObjects migration.

SAP BusinessObjects Migration Kit

Upgrade Readiness, Execution & Content Governance

Achieve a streamlined, efficient and effective deployment that is upgrade ready. APOS solutions help you run bulk upgrade operations, validate content, optimize security, and maintain your BI environment.

Learn More

SAP BusinessObjects Private Cloud Edition (PCE) Adoption Kit

Streamline, simplify, safeguard, and accelerate your move to SAP BusinessObjects Private Cloud Edition (PCE)

The PCE Adoption Kit by APOS bundles time-tested APOS technology to simplify migration from on-premise to the Cloud, providing vital automation to assist you through the stages of your migration.

Learn More

APOS Solutions for SAP Analytics Cloud

APOS Publisher for Cloud

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

- Distribute reports to the right people, right time, right location, right format

APOS Data Gateway

- Live connectivity from SAC to wide range of data sources

- Import data from wide range of sources into SAC

- Extract and Export data from SAC

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Upcoming Event

SAP BI Roadmap & Update from SAP
with SAP's Eric Fenollosa

Eric Fenollosa joins us to discuss the new SAP Analytics Business Intelligence Statement of Direction (SOD) and revised SAP BusinessObjects Business Intelligence Platform Roadmap. This update will include important new plans for upcoming versions of SAP BusinessObjects BI 2025 and BI 4.3 — and beyond.

Thursday, May 30 - 11am Eastern Time (New York)
Link to register in webinar handout

Register at www.apos.com

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on LinkedIn and request to join

QUESTIONS?

Please enter your questions in the Q&A panel.

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