WEBINAR

Automated Streamlining & Right-Sizing of SAP BusinessObjects Technical Deep Dive

APOS

Today's Session

Key Topics

Technical Deep Dive

- Solution Technical Overview
- Rationalizing – Automated system analysis
- Reducing Technical Debt – Automating backup & clean-up
- Restructuring – Streamlining infrastructure and operations
- Q&A – see webinar console

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Today's Presenters:

ALAN GOLDING
Solution Consulting Manager
APOS

FRED WALTHER
Senior Solution Consultant
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

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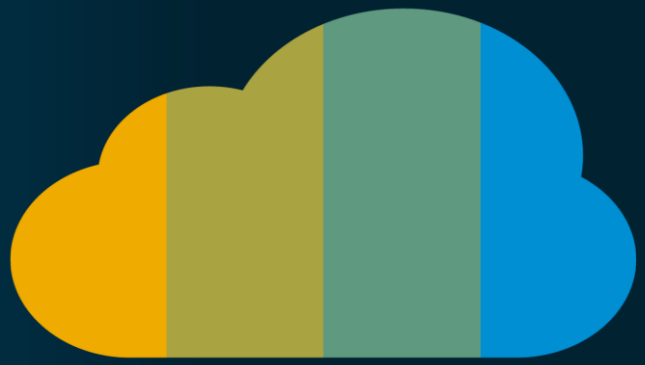
SAP BusinessObjects

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

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Updated Statement of Direction – SAP BI & Analytics

PUBLIC

SAP ANALYTICS

Business Intelligence Statement of Direction

October 2023

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Regrouping for your SAP BusinessObjects Future

Recommendations:

- Take stock of what you have
- Assess & action unsupported content
- Right-size your system content
- Upgrade platform to Version 4.3
- Upgrade Universes to UNX format
- Automate for efficient management

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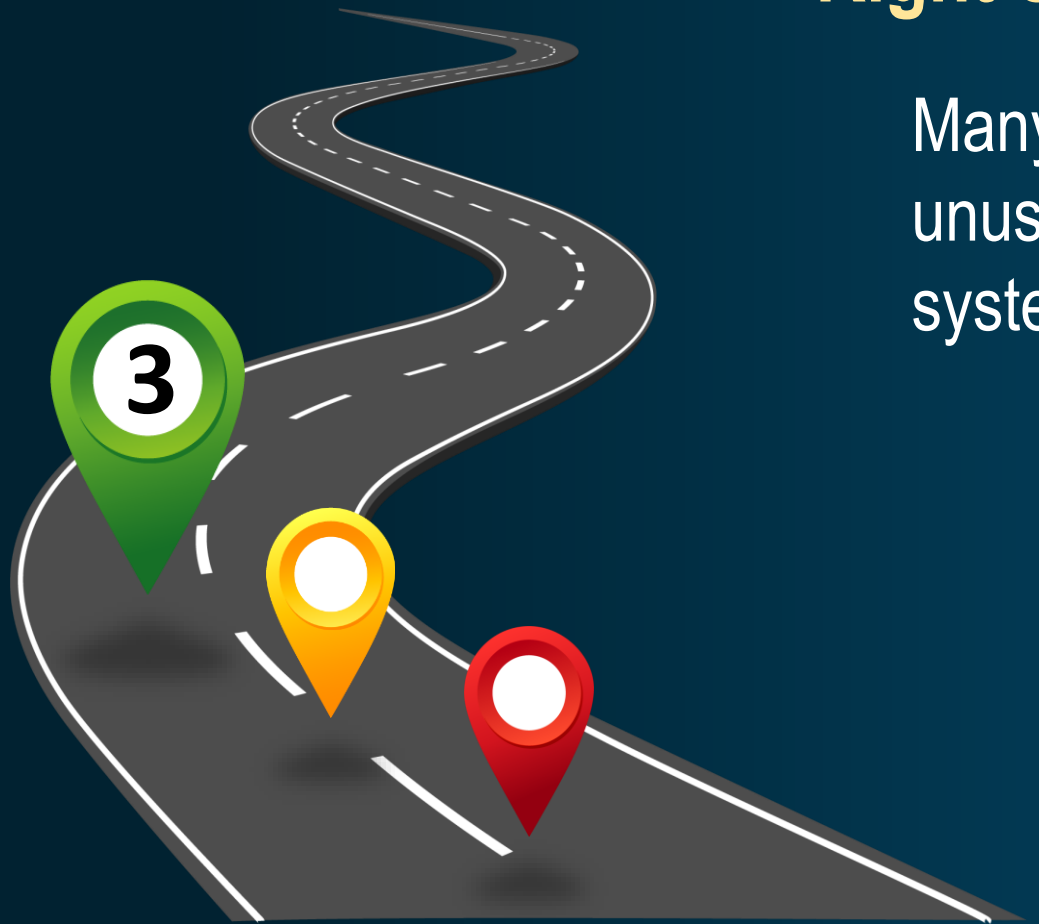
Regrouping for your SAP BusinessObjects Future



Right-size your system content

Many organizations have a significant amount of unused and unnecessary content residing in their system – excessive ‘Technical Debt’

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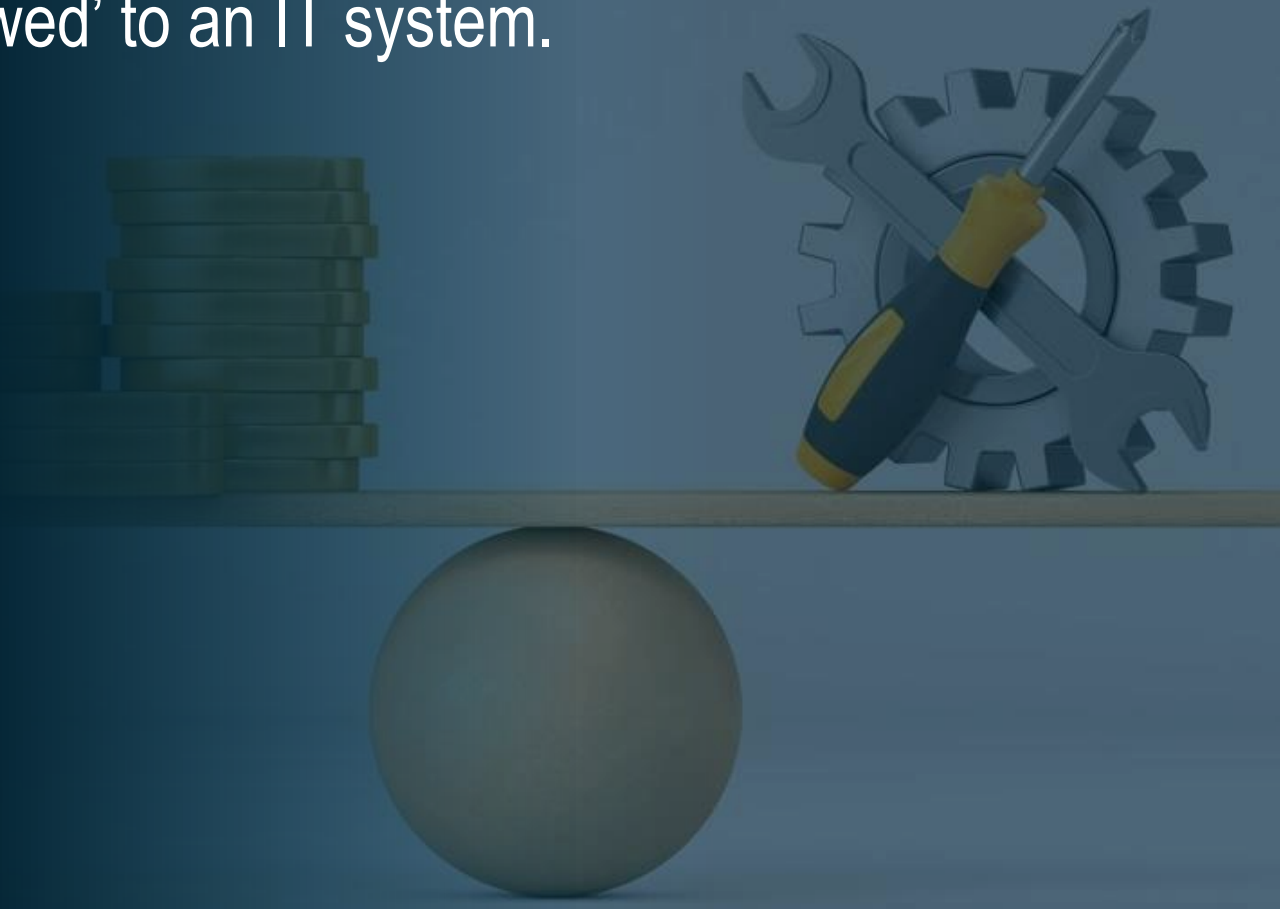
What is Technical Debt

Technical Debt is accrued work that is ‘owed’ to an IT system.

- Technical debt can accrue when teams delay performing regular maintenance on the system.
- Eventually, technical debt can accrue into a critical mass where the software becomes unstable, and customers become dissatisfied.
- Delayed maintenance can also result in significantly higher support costs…

…as defined by Gartner



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Technical Debt in SAP BusinessObjects

All system content can be considered Technical Debt:

- Report Objects
- Report Instances
- Universes
- Connections
- Users
- Groups
- Security
- Schedules

- What content is useful?
- What content is not useful?
- What debt can be eliminated?

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Symptoms of Too Much Technical Debt

- Challenging system management and maintenance
  - Content edits, updates, administration
  - Content lifecycle management and controls
  - User and usage changes; security management
- Complex system analysis
- Heavy upgrades/migrations
  - Content migration, content testing
  - Bloated migrations
- Reduced system performance
  - Skewed infrastructure planning
  - Stretched storage resources
- Difficult governance and audits

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Why Remove Unnecessary Technical Debt

- All system content is meaningful and utilized
- Streamlined management and maintenance
- Improved system analysis and audits
- Simplified upgrades/migrations
- Efficiently sized and utilized infrastructure
- Reduced burden on BI Team
- Improve business value of deployment

What is your Technical Debt Ceiling?

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Right-Size Your BI Environment – 3 Steps

- Rationalize
- Reduce
- Restructure

Right-Size Your BI Environment

Rationalize

Assessing what is necessary and what is unnecessary:

- Content
- Users
- Licenses
- Infrastructure

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Right-Size Your BI Environment

Reduce

Find and remove unnecessary elements from system:

- Content
  - Reports, Universes, Instances
- Users

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Right-Size Your BI Environment

Restructure

- Infrastructure
- Licenses

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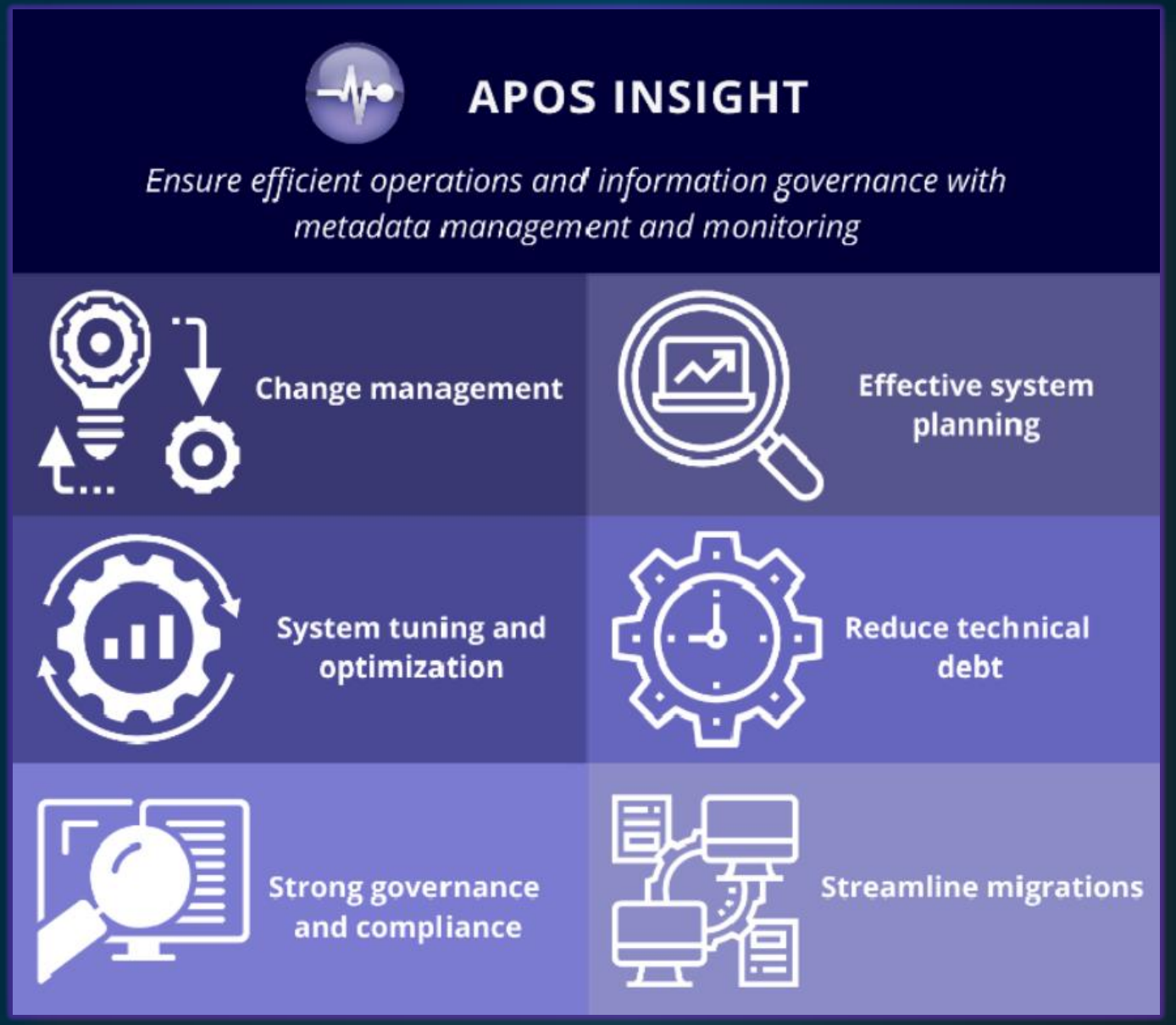
APOS Insight



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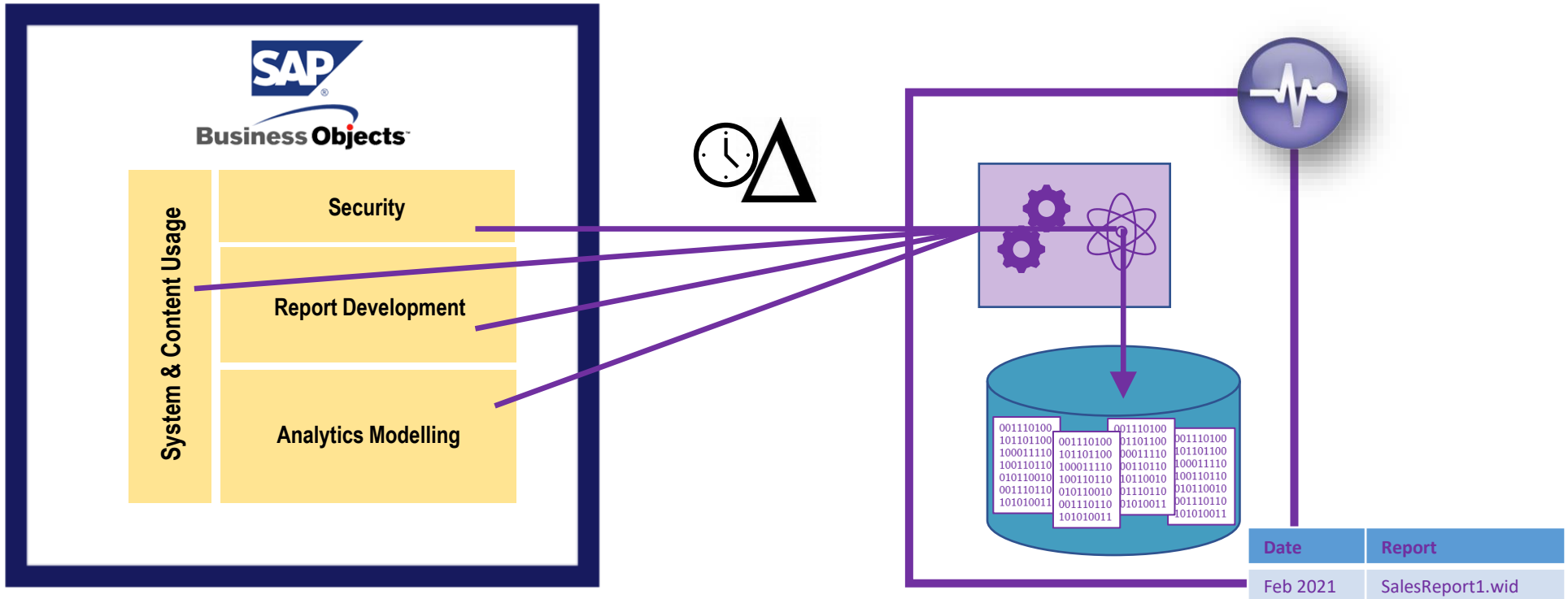
APOS Insight – System Metadata



Date	Report
Feb 2021	SalesReport1.wid
Dec 2020	SalesReport1.wid
Oct 2020	SalesReport1.wid
Sep 2020	SalesReport1.wid

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APOS Insight – System Analysis

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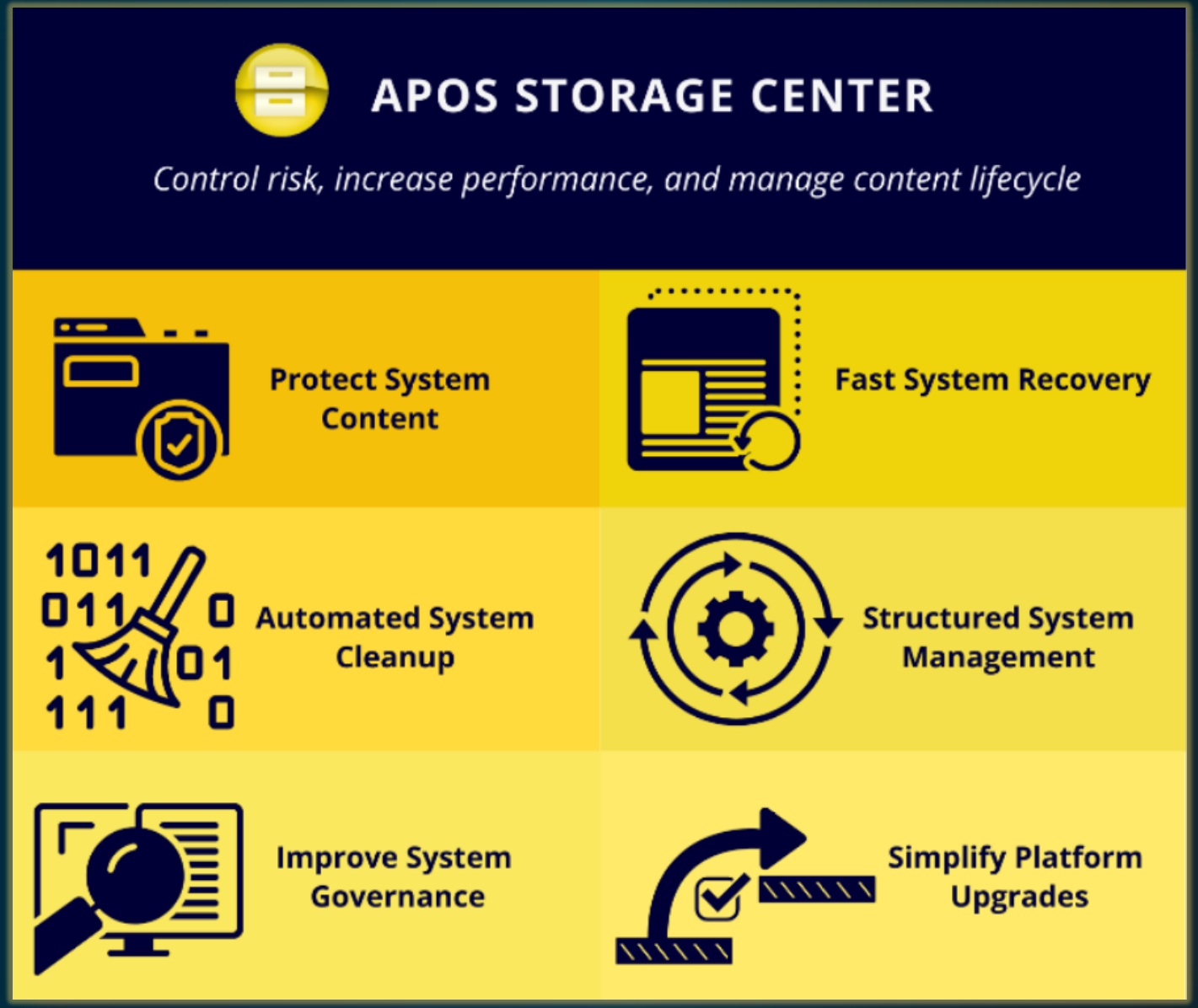
APOS Storage Center



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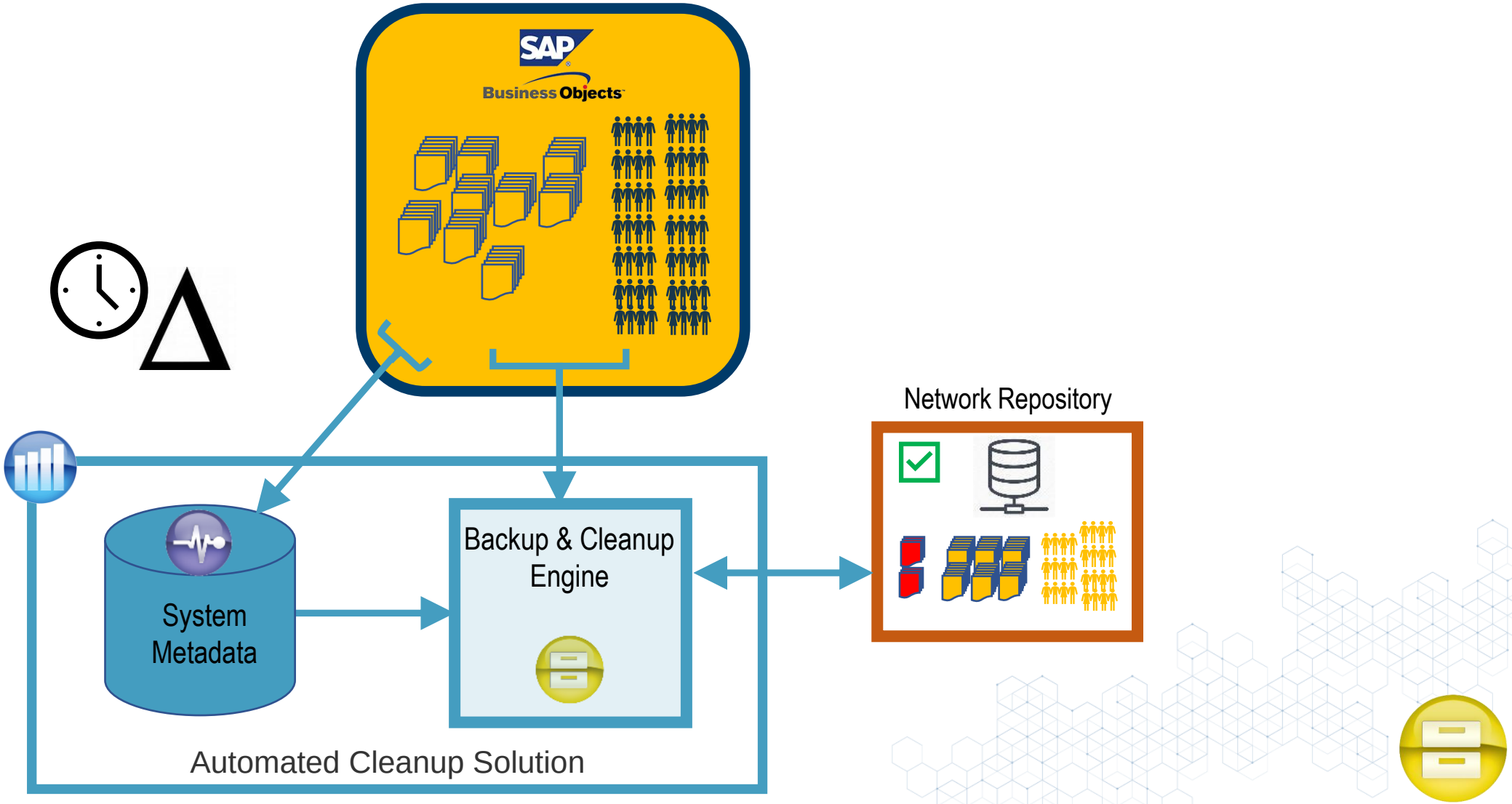
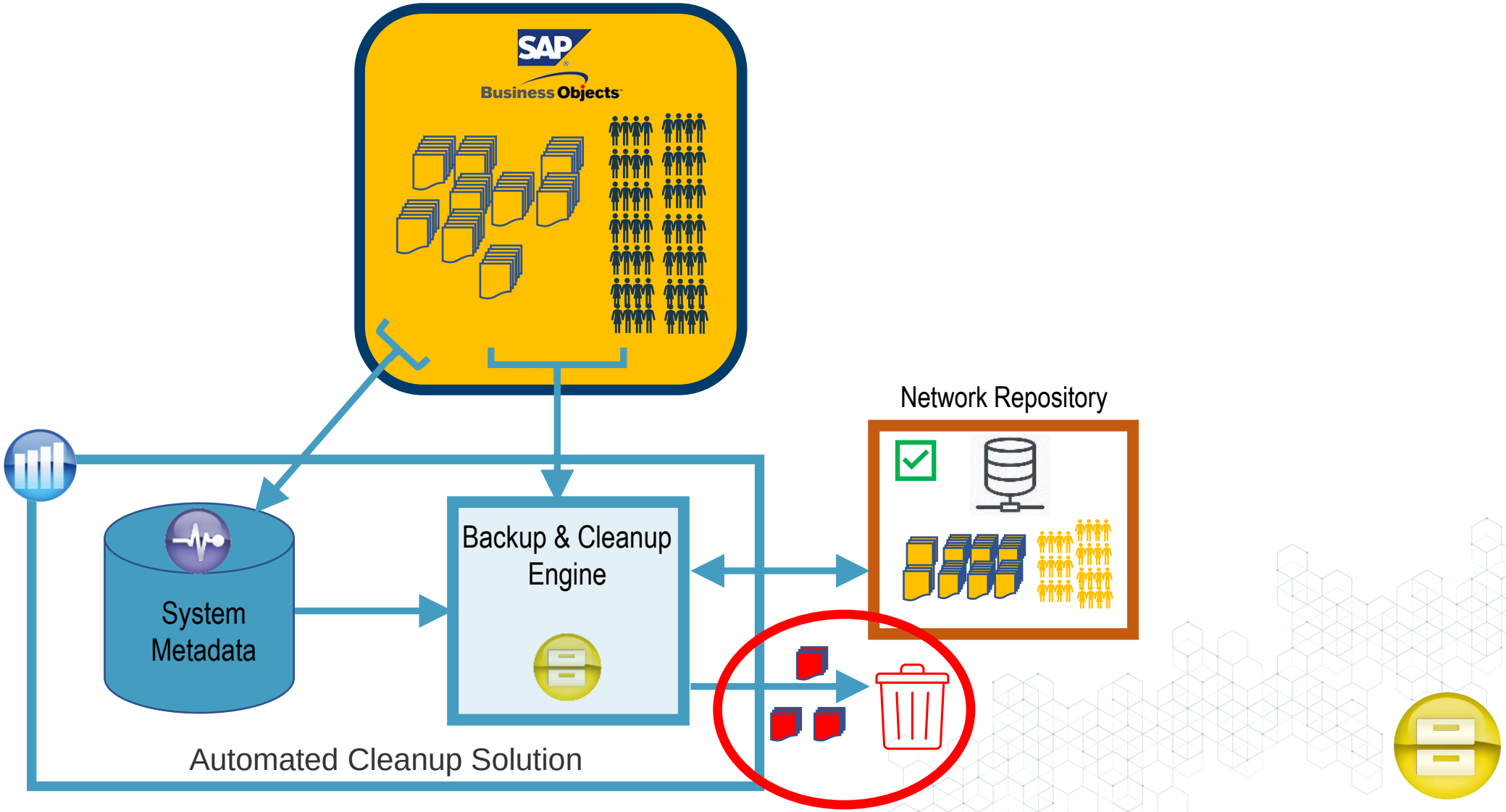
Automated System Clean-Up - Incremental



Automated System Clean-Up - Incremental



Technical Deep Dive

Rationalize

Note: To see the demonstrations from this webinar,
view the webinar on demand.

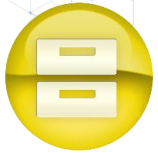
Technical Deep Dive

Reduce

Note: To see the demonstrations from this webinar, view the webinar on demand.

Reduce - Content & Users

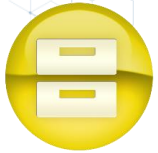
Before	After
Reports = 1200	
Instances = 150,000	
Universes = 45	
Users = 750	
Groups = 65	
Total Objects = 152,060	



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%



Technical Deep Dive

Restructure

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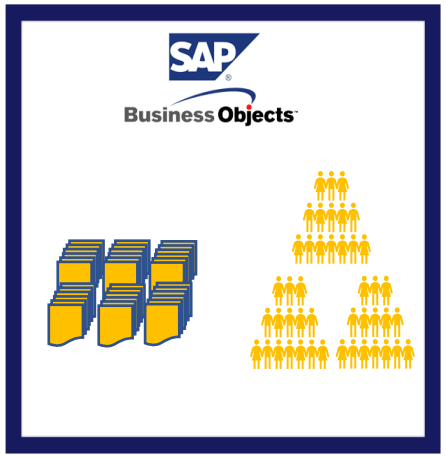
view the webinar on demand.

Scale Down



Before Reduction

After Reduction

Restructure – Infrastructure

- Scale down due to reduced users
- Scale down due to reduced content
- Scale down due to reduced usage from past consumption levels
- Scale down due to lower usage than original expectations

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Scale Up

Before Growth

After Growth

Restructure – Infrastructure

- Scale up due to increased usage - servers maxing out
- Scale up due to increased users
- Scale up due to increased content
- Scale up due to old hardware
- Scale up with move to cloud deployment
- Scale up due to more scheduling
- Scale up due to revised licensing method

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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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Upcoming Event

MOVE IT OR LOSE IT!

Automating Your Upgrade to UNX Universes

Guest Speaker: Patrick Sims, SAP BTP Global Center of Excellence

Along with a mini-update from SAP's Patrick Sims for the latest BusinessObjects news, this session will focus on how APOS Web Intelligence Migrator can help you automate and accelerate your UNX conversion and Web Intelligence repointing.

January 25 - 11am Eastern Time
Link to register in webinar handout

Register at www.apos.com

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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 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

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Please enter your questions in the Q&A panel.

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WEBSITE

www.apos.com

EMAIL ADDRESS

info@apos.com

PHONE NUMBER

(+1) 519 894 2767

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