



SAP BusinessObjects Operations Kit by APOS

**Smooth the road ahead with efficient, automated
system management for your SAP BusinessObjects**



SAP BusinessObjects Operations Kit by APOS




Deep system knowledge for effective system management

**Your BI and Analytics optimize your business processes.
Our solutions optimize your BI and Analytics processes.**

Automate, simplify, complement, enhance and extend the capabilities of your BI system.

The APOS suite of "well managed BI" solutions provides an integrated approach to BI platform management for SAP BusinessObjects, whether your deployment is on premise or hosted in the cloud.

Achieve:

-  **Time and cost savings**
-  **More efficient resource allocation**
-  **Greater control over your BI environment**





SAP BusinessObjects Operations Kit Capabilities

BI System Auditing

BI System Monitoring

BI Report Testing

High Performance
Administration

Backup, Archive,
Restore, Versioning

Automate administration, testing, auditing, monitoring, storage and archiving, optimizing the performance, efficiency, compliance, and audit-readiness of your BI and Analytics deployment.

Leverage Enhanced Metadata Management and System Analysis

Utilize deep visibility into your system to maintain the reliability, accuracy, and governance of your SAP BI deployment, as well as the confidence of your information consumers.

Automate Backup, Archive & Restore Capabilities

Manage the document lifecycle, safeguard data privacy, and achieve regulatory compliance with automated and rules-based backup, archive, partial restoration of selected documents, automated system cleanup, versioning, promotion and system replication.

Automate Report Testing

Ensure your reports stay the same through environmental changes (database, universe, operating system/software upgrades), compliance, upgrade testing, and day-to-day testing.

Monitor and Audit BI System, Infrastructure, & Environment in Real-Time

Deep system introspection, which allows you to manage proactively and react quickly to events and issues to deliver operational governance and regulatory compliance.

Use Bulk Administration Capabilities

Simplify object promotion, replicate structures between source and target environments, manage security structures, automate large-scale system changes, automate repetitive activities, and recover rapidly from failures.

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Comprehensive knowledge of BI system content, utilization, & security

Enhanced metadata management and analysis are critical to maintaining the reliability, accuracy, and governance of your SAP BI deployment, as well as the confidence of your information consumers. Critically, APOS monitors your SAP BI services from outside, ensuring that monitoring is not compromised by problems within the BI system itself.

Deep system introspection capabilities enable BI teams to manage security, both as part of your planning processes, and in day-to-day administration. The ability to capture and manipulate metadata provides critical understanding for upgrades and migrations, and in establishing a detailed and easily managed report catalog. Reduce technical debt with a full understanding of how every move affects your report catalog, and reducing the number of cascading changes you need to make. Impact analysis is critical as BI systems and system content evolve rapidly. Establish and support flawless change management workflows to support system governance, regulatory compliance and audit readiness.



Change management

Detailed audit information and impact analysis strengthens BI system change controls



Reduce technical debt

Remove unnecessary system content to reduce system overhead and resource requirements



Strong governance and compliance

Monitor and audit user activity and content stability to deliver operational governance and regulatory compliance



Effective system planning

Understand current content and utilization to effectively plan BI system improvements and roadmap



System tuning and optimization

Analyze and optimize system resources to identify challenges and improve system performance



Streamline migrations

Utilize clear system information to simplify and streamline system upgrades



BI System Monitoring

BI System Auditing

BI Report Testing

High Performance Administration

Backup, Archive, Restore, Versioning

Real-time operational tracking of BI system, infrastructure, & environment

Monitor and audit user activity and content stability to deliver operational governance and regulatory compliance. Simplify, automate and expand system content analysis through deep system introspection, which allows you to manage proactively and react quickly to events and issues.

Enhanced system monitoring and timely alerts help meet the business intelligence needs of stakeholders across the organization with both statistical and functional analysis of all SAP BI services, issuing threshold-driven alerts, and initiating automated remedial activities.

Real-Time System Management

License & session activity, user activity, report & dashboard usage patterns

BI Platform Monitoring

Processes & services, schedules & instances, performance & functional monitoring

Operating Environment Monitoring

Monitor memory, CPU, database, & website with alerts through SNMP to anticipate instabilities in the system, and to initiate automatic, remote corrective actions. Track access to sensitive data for governance and compliance purposes.



Real-time system visibility

Immediate tracking of system performance metrics



Real-time system controls

Powerful console for granular system management



Automated system management

Rules-driven alerts and automated self-healing

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BI Report Testing

BI System Auditing

BI System Monitoring

High Performance Administration

Backup, Archive, Restore, Versioning

Automated testing of BI report accuracy and performance

Automated report testing ensures your reports stay the same through environmental changes (database, universe, operating system/software upgrades), providing compliance, upgrade testing, and day-to-day testing for:

- SAP Web Intelligence
- SAP Analysis for Office
- SAP Crystal Reports

Content validation is a necessary step in the implementation of new versions and SPs of SAP BI. Ensuring that report objects and instances behave in the same manner pre- and post-implementation is a critical element of the testing process, and this solution takes much of the drudgery out of this part of the process.



Change management assurance

Automate and expand report testing potential, increasing content reliability and confidence, and improving information governance



Remove risk of human error

Automated testing reduces the potential for human error



Speed migration & upgrade timelines

Adopt new content and new technology more quickly to achieve greater speed to ROI



Reduce manual testing time

Improve resource management with automated testing and redirect resources to higher-ROI activities

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High-Performance BI Administration

BI System Auditing

BI System Monitoring

BI Report Testing

Backup, Archive,
Restore, Versioning

Automation, agility, and high-volume administration capabilities

Bulk administration capabilities simplify, complement and enhance the security management, object management, document instance management, and scheduling features of SAP BusinessObjects. Save valuable administrative time through automation and task streamlining, reducing human error, and providing the agility and flexibility to meet the changing needs of information consumers.

- High volume security management
- Rapid, high-volume object management
- Easy-to-use bulk report scheduling
- Efficient bulk instance management



Rapid system administration

Execute system administration tasks with speed and efficiency



Agile change management

Manage the environment's security structure in bulk and automate other large-scale system changes



Automate repetitive activities

Simplify workflows and reduce the potential for human error



Recover rapidly from failures

Identify failures, correct issues in bulk to recover rapidly and meet service level agreements



Simplify upgrades

Use agile capabilities to promote objects, and easily replicate structures between source and target environments



Strengthen governance and controls

Create reliability and trust through operational efficiencies, agility and flexibility

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Backup, Archive, Selective Restore & Versioning

BI System Auditing

BI System Monitoring

BI Report Testing

High Performance Administration

Control risk, increase performance, and manage content lifecycle

Automate the archive and restore functions in your SAP BusinessObjects deployment to better manage the document lifecycle, safeguard data privacy, and achieve regulatory compliance.

- Comprehensive, rules-based system content backup and online/offline instance archiving
- Automated cleanup simplifies user document searches, supports information governance, improves system performance and streamlines migrations and upgrades
- Selectively restore BI documents, in both native format and in neutral formats, to both their original locations and to locations of your choice
- Back up report versions, ensuring reporting continuity; retrieve to replace accidentally changed or deleted reports
- Manage object and system lifecycles efficiently and effectively with report promotion & system replication



Protect System Content

Secure and shield system and content



Fast System Recovery

Quickly restore system from minor incident repair to full disaster recovery



Structured System Management

Automate content lifecycle processes



Improve System Governance

Automated system controls strengthen oversight and assurance



Automated Cleanup

Streamline BI System by removing unnecessary content



Simplify Platform Upgrades

Reduce system overhead to simplify upgrade steps

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SAP BusinessObjects Migrations and Upgrades

Streamline, simplify, safeguard, and accelerate your migration

Reduce risk, reduce cost, and increase the speed of your BI platform upgrade by simplifying, automating and streamlining key processes. Automation and tools accelerate and simplify the migration process, adding governance, validation, “right-sizing,” and control with post-migration validation providing peace of mind with confirmation that the move is successful and fully tested.



Migration PREPARATION

Inventory, planning,
stabilizing, backup and
conversion



Migration EXECUTION

Bulk and automated
administration of schedules,
instances, security, and
synchronization



Content VALIDATION

Inventory and automated
testing to ensure successful
content move and optimal
system performance



Deployment OPERATIONS

Continuous ongoing system
monitoring /auditing of
content, usage, and sizing

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Customer Success



- ✓ Improved system integrity & ad-hoc analysis
- ✓ Optimized content & security
- ✓ Report delivery analysis

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- ✓ Audit readiness
- ✓ Automated system cleanup
- ✓ Content assets protected

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- ✓ Simplified, automated administration
- ✓ Reduced system maintenance
- ✓ Migration readiness

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APOS Web Intelligence Migrator

Why do you need to automate?

Whether you are upgrading your on-premise BI in preparation for SAP BusinessObjects 4.3, SAP BI2025, SAP BusinessObjects PCE, or migrating to SAP Analytics Cloud, migrations can be challenging, putting strains on resources, so streamlining and automating processes are necessary.



UNX Adoption Project Cost Estimator

[Click to estimate your project](#)

Converting UNV universes to UNX and repointing Web Intelligence reports is a large IT project for organizations with tens and hundreds of thousands of report objects.

In our work with customers in the manual adoption of UNX universes, these are the typical time investments needed for each task required in the manual conversion process:

- 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
- 15 minutes per report
- Verify and validate the repointed We Intelligence report results
- 10 minutes per report
- Publish the repointed Web Intelligence report - 2 minutes per report

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](https://apos.com/freemium)

In addition to its virtualized data connectivity solutions, APOS provides a wide range of long-trusted technologies to simplify management and strengthen governance of SAP Analytics Cloud and SAP BusinessObjects deployments.

Solutions for SAP Analytics Cloud



APOS Live Data Gateway

Live connectivity from SAC to a wide range of data sources – Editions for SAC, Power BI, Snowflake, Ariba, S/4HANA, SAP Landscape, Premium Sources



APOS Publisher for Cloud

Broadcasting and bursting SAC content – Editions for SAP Analytics Cloud and S/4HANA



APOS Insight for Cloud

Enhanced monitoring, auditing and validation of SAP Analytics Cloud



APOS Insight

- BI System Auditing
- BI System Monitoring
- BI Query Surveillance
- BI Report Testing



APOS Web Intelligence Migrator

- Bulk Convert from UNV to UNX
- High-Volume Web Intelligence Repointing
- Success Validation
- Controlled Workflow



APOS Administrator

- Object Management
- Schedule Management
- Instance Management
- Web Intelligence Migration



APOS Storage Center

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



APOS Publisher

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

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