# WhiteOPS™ for Oracle® E-Business Suite (EBS)

Towards a Holistic Approach to Oracle® EBS Compliance & Security

The Oracle® EBS applications contain highly sensitive, business-centric information. Consequently, it can be central to **audit processes**. The **US Sarbanes Oxley (SoX) act of 2002,** whose main goal is to facilitate accurate financial disclosure, is a good example. Financial disclosure is mostly based on the Oracle® EBS applications data; therefore, SoX audits usually lead to major compliance and risk management challenges: **who violates policies (SoD, Access, Controls)? Who risks the business? Are there any compensation controls in-place?** Traditional solutions have failed to deliver due to their lacking in the fields of compliance, monitoring, and entitlements.

The WhiteOPS™ Solution

360º Visibility

SoD

Controls Automation

Activity Monitoring

Post Audit Tasks
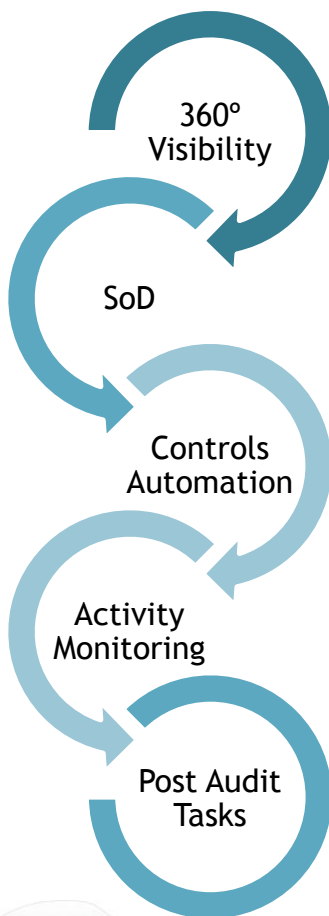
360º Visibility
Gain complete visibility and immediate insights into **who violates your SoD policies**? **Who violates compliance controls? How? Who is using their access rights** and most importantly, **who is not? Detect unused accounts and stale entitlements** and reduce capital and operational expenditure.

Segregation of Duties (SoD)
Easily customize the out-of-the-box SoD policy to meet your specific organizational need. **Manage exceptions. Automate compensating controls. Be proactive by using the what-if analysis engine,** to predict the effects of entitlements changes on the SoD compliance level.

Compliance Controls Automation
Schedule best-practice out-of-the-box compliance controls or create your own custom ones. **Streamline access certification requests**. Automate large sections of audit processes; internal and external, while realizing greater accuracy and minimize the need in manpower.

Activity Monitoring & Access Policy Compliance
Monitor **who is doing what**? Document even transaction-specific details such as invoices' total sum. Get **full audit trail** for every monitored activity. **Control access with real-time access policies**.

Post Audit Tasks
Manage on-going alerts on SoD, controls and access violations. Continuously monitor who is doing what. Remove excess and stale entitlements. Fine-tune the defined responsibilities, to lower their number and increase efficiency. Integrate what-if analysis to access requests processes.

Whitebox Security is?

Whitebox Security is a leader in the field of Identity and Access Governance. The company pioneered **Intelligent Access Governance**, which combines the best of identity intelligence, and identity & access governance in WhiteOPS™, its Access Governance solution. Whitebox Security has been named one of the ten most innovative security companies by the RSA® innovation sandbox, has been awarded Gartner's cool vendor and was shortlisted for 'best IAM product' category by the SC-Magazine Europe awards in 2012.

Access Governance is?

A technology to answer the following questions:

Who did what?

Who did what? When? Where from? How? What exactly has been done?

Who can do what?

Who has access to what? Granted by which responsibility? Is it effective?

Who needs to do what?

Who should and shouldn't have access? Who didn't use his granted access? Since when?

Who approved what?

Who has violated access policies? How? Who approved access requests? Who certified access? Based on what?

Key Capabilities

Fine-Grained Segregation-of-Duties (SoD)

SoD is a concept for identifying single users who are able to execute an end-to-end business-process. Whether through malicious fraudulent intent or by honest human error, these users can bring heavy costs to the organization. WhiteOPS™ SoD solution, is capable of managing violations and exceptions, automating compensating controls, and performing What-If simulations. To minimize false-positives, and to provide greater accuracy, the policy fully supports functions, profiles and approval hierarchy membership in SoD rules.

Automated Compliance Controls

Organizations typically have many compliance controls that require periodic execution. Whether regulatory-related or not, it's no simple to meet audit requirements. WhiteOPS™ makes easy work of audit reporting; simply schedule the best-practice, out-of-the-box controls (supporting SoX, PCI, HIPPA, ISO 27001, etc.), or easily create your own custom controls.

Access Certification

Access Certification, a common requirement across many regulations, is the process of making sure that granted entitlements are actually needed and of removing excessive entitlements. WhiteOPS™ is delivered with built-in usage-aware Access Certification capabilities. The usage-aware process empowers the reviewer with actual usage analysis for entitlements.

Access Requests Automation

WhiteOPS™ is delivered with a built-in self-service that enables users across the organization to request access. These requests go through a flexible review-process which will accompany the request from start to the grant on the relevant resource.

Activity & Identity Monitoring With Data Enrichment

WhiteOPS™ is the only solution to monitor before and after values of update and insert activities. It is also the only solution to enrich monitored activities with details regarding the executing user, machine and session, from in-place security systems.

Real-Time Unified Access Policies

You can use WhiteOPS™ to make sure no access violations are incurred while executing transactions on the Oracle® EBS application. WhiteOPS™ access policies are real-time and unified. Violations trigger customizable responses, to make sure you are informed and responding at the most crucial time.

Roles & Entitlements Analytics

WhiteOPS™ automatically collects and analyzes all the granted entitlements. For every entitlement, WhiteOPS™ reports its last usage time, and whether or not it is effective.

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Technical Capabilities

Capability	Points To Remember
Segregation Of Duties	- Fine-grained SoD policy to minimize false-positives and increase accuracy. - Best-practice policies are delivered out-of-the-box. Fully and easily customizable. - What-if engine included, for predicting risks that are caused by changes to entitlements.
Policy Compliance	- Access policies are being evaluated in real-time. - Policy violations will trigger one or more flexible responses in real-time. - Manage compliance controls: automate executions, review processes and handle rejects (best-practice templates are delivered out-of-the-box).
Access Certification	- Usage-aware smart UI, with bulk-operations support, to reduce work-time. - Closed loop: automatically creates access revoke requests.
Self-Service Access Requests Automation	- Request one or more entitlements, for yourself, or on behalf of others. - Highly customizable and easy-to-define review processes.
Identity & Activity Monitoring	- Real-time monitoring. - Before and after values are documented for every change activity. - Each activity is enriched with data from in-place security systems (Directory Services, Identity Management, Endpoint Security, Firewalls, Anti-Viruses, HR applications, etc.). - The complete activity's information will always be accurate to its execution time.
Entitlements Analytics	- Automated collection and analysis of entitlements. - Cross-checking entitlements with activities to detect unused entitlements. - Entitlements analysis to detect and alert on ineffective entitlements.
Forensics Capabilities	- Information is retrieved by asking questions. Literally. - Sophisticated queries, can be easily created, saved and reused. - Dynamic reports can be easily produced and scheduled.

Business Benefits

Benefit	Description
Business Processes Support & Ease of Use	- Authority delegation fully supported. - Data is presented in a business-friendly language and interface. - Intuitive User Interface, designed to support all monitored systems in the same way. - Multilingual end-user interfaces with RTL fully supported. - No previous knowledge of workflow products is required to create flexible review processes. - SoD what-If analysis engine, can be easily integrated with current access requests managers.
Rapid Return of Investment	- Detect stale entitlements on Oracle® EBS environments. - Detect orphan accounts, empty responsibilities, and many more entitlements anomalies that can easily be removed to reduce capital and operational expenditure. - Automate compliance, from controls executions to handling of rejects and even automated responses. Designed to lower the response times, and save work-hours.
Scalability & Investment Protection	- Fully scalable, enterprise-ready, to support the most demanding environments. - WhiteOPS™ is a platform, and therefore, it can deliver all the above capabilities, other than for Oracle® EBS, also for: File-Servers, NAS Devices, Microsoft® SharePoint®, Microsoft® Exchange, Microsoft® Active Directory, SAP® and for every homegrown or COTS application.

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The WhiteOPS™ Advantages

WhiteOPS™ is a platform

WhiteOPS™ delivers all the benefits of purpose-built software in a platform. All business-critical applications covered by the same console, in the same way, and at the same time.

True Segregation-of-Duties Solution

WhiteOPS™ delivers true authorization-object level SoD, with a powerful what-if analysis engine, to minimize false-positives, maximize accuracy and enable proactive management of entitlements.

Fine-Grained Forensics and Audit-Trail

Using the advanced forensics mechanism, WhiteOPS™ allows you to ask anything, literally. E.g. ask for all the activities made by the SYSTEM_ADMINISTRATOR responsibility members. The retrieved information will relevant to the activity's execution point-in-time.

Completely Real-Time with Flexible Responses

Response time and actual responses are of the essence when dealing with policy enforcement. WhiteOPS™ allows you to respond to violations in a timely manner to prevent harm to the business.

Usage-Aware Access Certification

Supplied with the usage pattern of every review-pending entitlement, the reviewer is empowered with access context to support effective decision making.

Rapid Time-to-Value

Within one day of installation, WhiteOPS™ will start monitoring Oracle® EBS environments, collecting and analyzing entitlements, and evaluating out-of-the-box access policies, SoD policies, and compliance controls.

Within a week of installation, WhiteOPS™, based on created usage-patterns, will demonstrate how your resources are being used and by whom. Who violated policies (Access, SoD and Controls)? Inactive users and unused responsibilities will be reported.
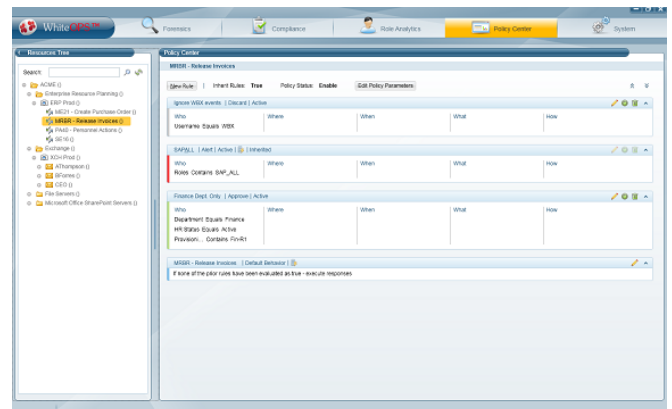
Within a month of installation, custom usage-based access rules can be created. Trends of policy violations and compliance controls will be reported.
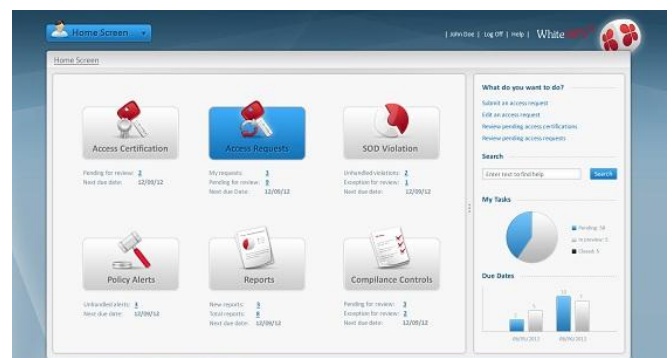
Latest word in User Experience

Interactive Usage-Pattern Analysis
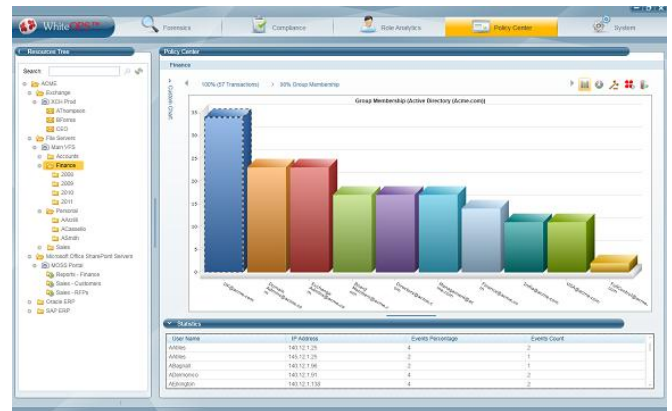
Real-Time Unified Access Policies

Data Owners & Casual Users Website

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