

WhiteOPS™ for Intelligent Access Governance



What is Access Governance?

Today's fast-paced business-environments requires employees to have access to information, where and when they need it. This leads to a constant struggle, where organizations strive to ensure that employees only have the required access and certainly not more (least privilege). Simply put, Access Governance is a technology to manage this struggle, by answering the following questions: 1) **Who did what?** 2) **Who has access to what?** 3) **Who reviewed and approved what?** 4) **Who should have access to what?** Trying to win this battle with no suitable means to analyze entitlements, manage certifications and access requests, and to produce cross-enterprise entitlements-related insights, is practically impossible. Traditional solutions have failed to deliver due to lack in the fields of entitlements analysis, usage-awareness and ignorance in evaluation of risk factors.

Key Goals

1. 360° visibility and control over users' activities and entitlements across the organization.
2. Access certification with actual usage patterns awareness, for the fastest, most accurate processes.
3. Self-service access requests portal, with powerful decision-support insights, and proactive risks management.

What makes Access Governance *Intelligent*?



Activity & Identity Monitoring

Have complete visibility over users' activities. Always know who did what, when, where and how.

Full Audit-Trail

Every monitored activity is enriched with details from various in-place security and HR systems.

Entitlements Integration Kit

Automate entitlements collection from any application across the organization. No coding required.



Data Classification

Find-out where your sensitive data resides and always keep track of it thereafter.

Owner Identification

Identify your resources' true owners, delegate authority. Enable them with the necessary independence.

Usage Profiling

Analyze users' activities to create usage-patterns to be used in policy creation and anomaly detection.



Access Certification

Usage-aware access certification processes. Recommend the reviewer on highly probable excess access.

Requests Automation

Self-Service portal, integrated with powerful what-if engine to proactively predict violations.

Unified Access Policies

Continuously search for access, segregation-of-duties and controls violations. Respond in real-time.



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.

Key Capabilities

360° Visibility

Have all the information you may need, at all times about users' activities and entitlements literally by asking questions. Every activity is enriched with details regarding the executing user, machine and session from existing security systems. This information will always be true to the activity's execution time. Entitlements are automatically collected and analyzed to detect stale and ineffective permissions.

Usage-aware 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 certification process enables the reviewer to get an actual usage analysis for all pending-certification 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.

Business Benefits

Benefit	Description
Business Processes Support	<ul style="list-style-type: none">- Data classification rules are fully-customizable with out-of-the-box best-practices.- Fully supports authority delegation to resources owners.- What-If analysis engine can be easily integrated with your current access requests managers.- Review-processes are highly dynamic and created with ease.- WhiteOPS™ contains an internal role-based authorization mechanism, to make sure the right users and groups get only the exact information they need.
Ease of Use	<ul style="list-style-type: none">- Easy addition of new applications to the entitlements store. No coding is needed.- No previous knowledge in workflow products is needed to create flexible review processes.- Intuitive User Interface, designed to support every managed end system in the same way.- Data is presented in a business-friendly language and interface.- Interfaces accessible for end users are multilingual with RTL fully supported.
Rapid Return of Investment	<ul style="list-style-type: none">- Detect stale entitlements across business-applications.- Detect orphan accounts, empty roles, 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. Everything, to lower the response times, and save work-hours.
Scalability & Investment Protection	<ul style="list-style-type: none">- Fully scalable, enterprise-ready, to support the most demanding environments.- WhiteOPS™ is a platform, and therefore, it can deliver all the above capabilities for: File-Servers and NAS Devices, Microsoft® SharePoint®, Microsoft® Exchange, Microsoft® Active Directory, SAP®, Oracle® EBS and for every homegrown or COTS application.

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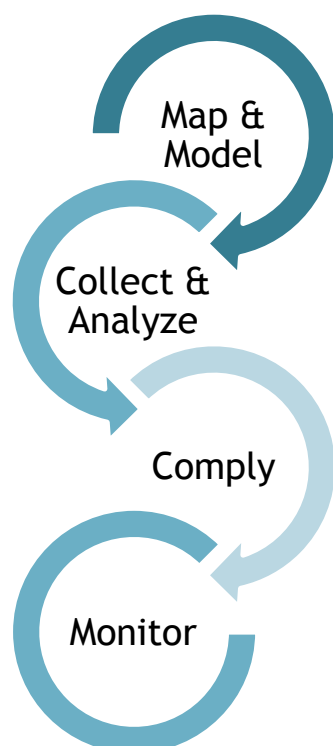
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Technical Capabilities

Capability	Points To Remember
Entitlements Integration	<ul style="list-style-type: none"> - Various data sources supported, such as: ODBC, spreadsheets, LDAP, Mainframe, AS/400, web-services and many more. Comprehensive coverage for automation and scheduling.
Entitlements Analytics	<ul style="list-style-type: none"> - Cross-checking entitlements with activities to detect and alert on stale entitlements. - Analyzing entitlements to detect and alert on ineffective entitlements. - Abstract roles, which incorporate several raw entitlements and/or roles into one, business-friendly and meaningful entitlement, are built-in and ready to be defined in WhiteOPS™.
Access Certification	<ul style="list-style-type: none"> - Usage-aware, smart UI with bulk-operations support, to reduce work-time. - Closed loop: automatically creates access revoke requests.
Self-Service Access Requests Automation	<ul style="list-style-type: none"> - Request one or more entitlements, for yourself, or on behalf of others. - Highly customizable and easy-to-define review processes.
Identity & Activity Monitoring	<ul style="list-style-type: none"> - Monitoring is done in real-time. - Every monitored activity is enriched with data from in-place security systems.
Data Classification	<ul style="list-style-type: none"> - Data types' definition can integrate keywords, Regular Expressions, patterns like SSN or credit card numbers and files metadata like type, size, etc. best-practices are delivered OOTB.
Forensics Capabilities	<ul style="list-style-type: none"> - Information is retrieved by asking questions. Literally. - Dynamic reports can be easily produced and scheduled.
Policy Compliance	<ul style="list-style-type: none"> - Unified access policies are being evaluated in real-time. - Policy violations will trigger one or more flexible responses in real-time.

Four Steps to Success



Map & Model

Begin with mapping your business applications for which Access Governance capabilities are required. Easily define the connectors to these applications to schedule and automate entitlements collection.

Collect & Analyze

WhiteOPS™ will collect and analyze the entitlements to mark ineffective and stale entitlements where applicable. Abstract roles can be defined to create business-friendly roles for certifications and requests. On completion, you will be able to ask any entitlements-related question.

Comply

Certify the granted access with ease using the built-in access certification capabilities. Create compliance controls to make sure no access anomalies go unreported. Base access requests related decisions on true decision-support insights rather than on feelings.

Monitor

Continuously monitor activities and access, in search of violations. Alerts and real-time responses will be triggered per violation, to make sure violations are being treated in-time.

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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.

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.

Self-Service Access Requests Portal

Access requests review-process is integrated with a powerful what-if engine to supply the reviewer with proactive insights about effects to compliance levels upon approval of the request.

True Segregation-of-Duties Solution

WhiteOPS™ delivers an in-depth SoD solution, with a powerful what-if analysis engine, to minimize false-positives and maximize the accuracy.

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 'Domain Admins' group members. The retrieved information will always be accurate to the activities' execution point-in-time.

Rapid Time-to-Value

Within one day of installation, WhiteOPS™ will start collecting and analyzing entitlements, and evaluating out-of-the-box access policies, SoD policies, and compliance controls. Questions about activities and entitlements can be asked and be answered.

Within a week of installation, WhiteOPS™ will start handling access requests and certification campaigns. The system will start answering questions like who has violated policies (Access, SoD, Controls). Unused users and roles will be reported.

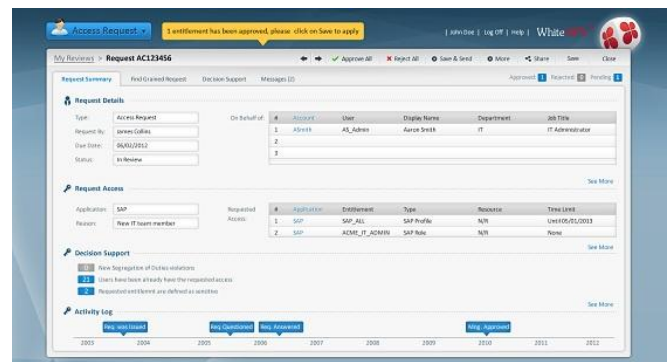
Within a month of installation, custom usage-based access rules can be created. Trends of policy violations and compliance controls will be reported.

Latest word in User Experience

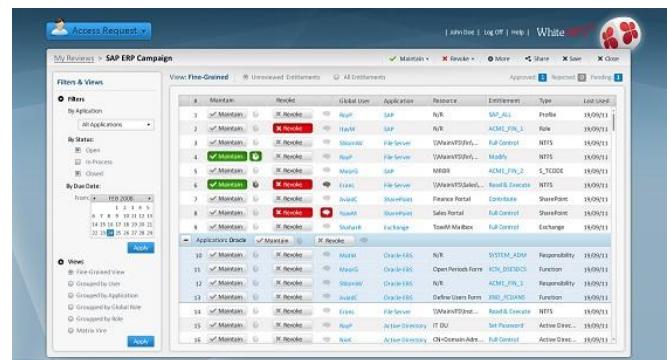
Data Owners & Casual Users Website



Access Request - Reviewer's Page



Access Certification Campaign - Reviewer's Page



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