

Access Risk Analysis

Automate Separation of Duties and Sensitive Access Management

Introduction

Organizations need help managing application security, with manual methods proving inefficient and costly. Pathlock's Access Risk Analysis streamlines this with automation, enabling swift identification and mitigation of access risks across applications. With a user-friendly rule matrix and a holistic view of both potential and real-time risks, Pathlock ensures a simplified, cost-effective approach to risk management and regulatory compliance.

Time-consuming, Cumbersome, and Unreliable Manual Processes

Managing access risks for a single application is complex, and it's even more complicated for a multi-application landscape. It's time-consuming, expensive, and challenging to handle. Organizations are often forced to develop and maintain compound and multi-level SoD rules to manage application permissions, auditor requirements, and custom functionalities. When done manually, identifying, updating, and enforcing rules can be expensive both in staff and service fees.

Organizations using manual processes or legacy tools face tedious hours preparing reports and updating, checking, rechecking, and enforcing convoluted rules. They must find and filter out false positives and negatives, as well as excessive technical details, before reports become accurate and actionable. As a result, security administrators can rarely build clean roles quickly and assign them without incurring unexpected risks.

Simplify Risk Analysis and Gain Visibility Across Applications

Pathlock's Access Risk Analysis harnesses powerful automation to minimize risk and reduce associated costs. It streamlines identifying and remediating SoD conflicts and sensitive access risks. Traditional access control solutions only show you what users can do. Pathlock investigates transaction usage, correlates the data, and identifies what users actually did do across diverse applications, so your team can focus on the highest-priority risks first.

Our pre-built, easily customizable rulesets ensure a swift realization of value for your organization. Moreover, the automated approach simplifies compliance with regulatory standards, reducing your reliance on more traditional methods of spreadsheets, sample tests, and extensive hours of manual consolidation and review efforts.



The Pathlock Difference

Avoid False Positives, Sharpen Focus

Fine-Grain Risk Engine analyzes the complete application security model, eliminating noise and pinpointing true access risks for single and cross-application scenarios.

Prioritize Like a Pro

Focus on the biggest threats first with Pathlock's unique utilization of application usage logs, pinpointing users with utilized risky privileges for faster remediation.

Remediate with Confidence

Reduce remediation time with usage and peer analytics alongside AI-powered best practice suggestions on role changes and permission adjustments.

Automate for Agility

Eliminate manual risk analysis and free up your team while simultaneously reducing risk of material weaknesses and audit findings.

Cut Costs, Gain Efficiency

Avoid wasting time and money on false positives. Our fine-grained risk rulesets significantly reduce internal costs associated with risk reviews.



Business Benefits

Save Time, Reduce Errors, and Increase Security:

Access Risk Analysis offers organizations a single, well-organized solution for storing and analyzing access management data and mitigations. It automatically detects conflicts and sensitive access at the user and role levels, supports simulations, offers robust support for mitigating controls, and reports on user activities, allowing administrators to dramatically reduce effort, errors, and risks.

Improved Compliance:

Access Risk Analysis allows organizations to efficiently comply with federal regulations such as the Sarbanes-Oxley Act (SOX), the General Data Protection Regulation (GDPR), and the Family Educational Rights and Privacy Act (FERPA) and adhere to all corporate-specific security policies prior to provisioning sensitive access. Comprehensive reports help administrators make informed decisions on addressing individual SoD conflicts and distinguish between theoretical and actual risks.

Risk-conscious, Efficient Provisioning:

Access Risk Analysis enables administrators to evaluate user access requests quickly, understand which approvals will result in material risks, and mitigate or eliminate those risks efficiently. This allows users to get requests fulfilled or escalated rapidly, gain access easily when requests do not create material risks, and benefit from a more informed escalation process when requests carry risks.

Module Features and Functions



Cross-Application SoD

Identifies SoD conflicts down to the permissions level for both users and roles to ensure compliant business processes, regardless of whether they are contained within a single application or across multiple applications.



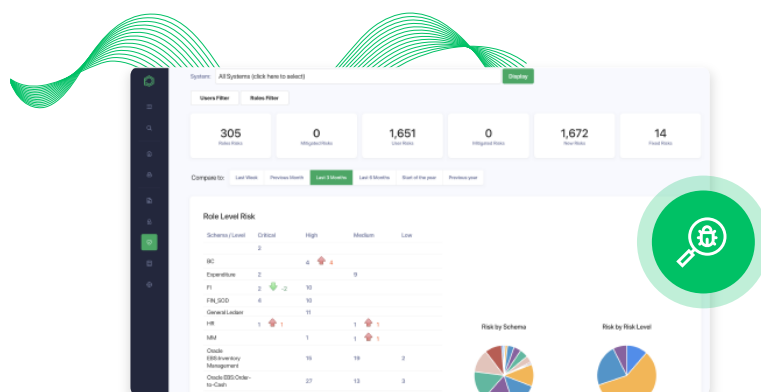
SoD and Sensitive Access Rules Matrix

Access Risk Analysis comes with multiple comprehensive, well-documented rules matrices so organizations can implement a complete solution rapidly. The rules are easily maintained and handle complex logic and granular details to reduce the amount of time wasted on investigating false positives. For example, a rule can specify that “view-only” access to a function does not cause an SoD conflict, but the ability to “change” does.



Risk Dashboard

Provides a single pane of glass to monitor SoD and sensitive access risks across your on-premise and Cloud applications landscape, including risk scores and mitigation statuses.





Centralized Ruleset Management

Simplifies the creation and management of SoD rulesets with cross-application translations, ruleset version control, and change logs and provides an extensive controls library to get you started quickly.



Segmented SoD Review Campaigns

Perform campaigns to review SoD risks and mitigating controls segmented by application, department, user group, role, authorization object, and activity level to help prioritize resolution and enhance compliance.



Simulation Analysis

Forecast risk changes at the user, business role, or technical role level across applications using a flexible simulation engine. The before and after view includes usage analytics of the potential business impact.



Conflict Resolver

Expedites SoD conflict resolution by suggesting best-fit alternative roles that will maintain a user's necessary access without containing an SoD violation.

Mitigate Risks and Ensure Compliance with Pathlock

Separation of duties (SoD) and sensitive access risk management are core controls necessary for mitigating the risks of fraud, theft, and error, as well as meeting SOX compliance requirements. Pathlock's Access Risk Analysis automates the reporting of SoD and sensitive access risks for business applications, including ERP, HCM, and CRM. With pre-defined rulesets, it easily integrates with leading ERP systems and other critical business applications. Using an automated, cross-application approach, Pathlock helps organizations gain visibility across their entire application landscape, identifying risk exposure and establishing governance and security across their IT environment. This reduces risk and costs while ensuring quick time-to-value for your organization.

About pathlock

Pathlock Cloud protects leading ERP systems and enterprise business applications and the critical transactions they power. Our Application Access Governance product helps companies enforce GRC controls and take action to prevent loss. Enterprises can manage all aspects of application governance in a single platform, including user provisioning and temporary elevation, ongoing user access reviews, and audit preparation.

For more information, visit www.pathlock.com » or **get in touch** » with us for a demo.

A Complete Application Access Governance Product



Access Risk Analysis

Identify role conflicts and manage separation of duties (SoD) and sensitive access risks for all of your critical business applications



Compliant Provisioning

Onboard, manage, and remove user access efficiently to maintain regulatory compliance



Certifications

Reduce the effort - and cost - needed to manage access reviews



Elevated Access Management

Audit-ready, temporary, time-bound privileged access via automated workflows



Role Management

Automate the manual efforts required to design, update, and maintain roles

Take Action: Elevate your organization's security and compliance. Request a Pathlock demo today!

REQUEST DEMO

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