

# Access Certification

## Automate User Access Reviews & Certifications with Pathlock

### AT A GLANCE

#### Improve Productivity, Maintain Compliance, and Reduce Complexity

Pathlock's Access Certification module automates the process of reviewing application access which is often required quarterly by regulators and auditors. It manages the process, enables reviewers to make informed decisions on whether to confirm or revoke access, and provides the audit trail to prove recertifications have taken place.

### ELIMINATE PAIN

Manually recertifying user access is a long, labor-intensive process that is prone to human error – especially when performing multiple siloed campaigns across your application landscape. However, security administrators are still required to track and coax supervisors responsible for access recertifications, must provide those supervisors with the data required to perform those recertifications, must guarantee that each supervisor actually complied with recertification requirements, and then ensure any changes requested by reviewers to user accounts is properly reflected in the system.

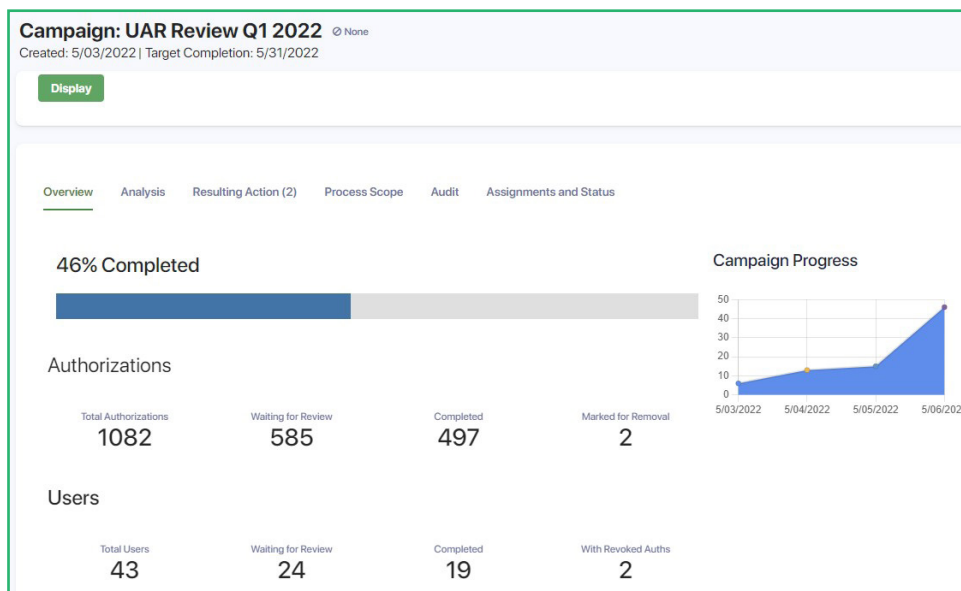
Recertification can be a burden on supervisors when they lack the necessary usage data to make good decisions during recertification. In addition, recertification is a burden on IT staff, who must manage the process of recertifying thousands of users or roles. And recertification is often an unwelcome distraction for role owners, auditors, and supervisors.

### KEY BENEFITS

**Eliminate Human Error and Delays:** Access certification campaigns follow a clear and coherent workflow in a centralized portal, covering one to many systems for both campaign managers and supervisors. When reviewing access, enriched data is provided to facilitate good decisions. Once a supervisor requests an access change, Pathlock automatically makes the changes, eliminating potential gaps where human error may interfere with or delay the recertification process.

**Scale Back Complexity:** Pathlock's Access Certification module incorporates historical usage data so that role owners and supervisors are able to effortlessly identify each role that a user accessed, how much of each role that user actually exercised, and see the delta of access changes from the previous review. This eliminates much of the complexity associated with the access review process and makes it easy for role owners and supervisors to complete their reviews quickly.

**Reduce Recertification Time:** Automated email workflows, alerts, and time-based escalation rules enable you to efficiently coordinate recertification campaigns. Role owners and supervisors are quickly alerted with detailed instructions or follow-up prompts. Security administrators can quickly identify those supervisors who are attending to their duties and those who need additional help. Combined, these capabilities greatly reduce the time needed to manage and complete recertification projects.



Campaign Dashboard

“Until last year, we were doing SAP access recertification manually, which was laborious and time-consuming. After implementation, we were able to complete the exercise four times faster, in only two weeks. The process is automated, so data owners receive system-generated emails and manage everything online. It has increased productivity, quality, and accuracy and reduced the need for human intervention.”

**Muhammad Jawwad**  
 SAP Basis Administrator,  
 Engro Corporation



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### ARCHITECTURE, KEY FEATURES, AND COMPONENTS

**Scalable, Cloud-based Architecture:** Pathlock's Access Certification module is built to handle the millions of roles an organization may have across its application landscape. Campaign managers can scale user access reviews across multiple applications and centralize the entire process with Pathlock.

**Web-based Front End:** Pathlock's web-based user interface makes it easy for role owners, supervisors, and administrators to complete access reviews and recertify or revoke access from their desktop or mobile device.

**Simultaneous, Cross-Application Reviews:** Multi-system access reviews can be performed simultaneously (e.g., three instances of SAP that might have the same user with different accounts), as well as the ability to do reviews by individual systems (reviews are done by one system at a time). With cross-app functionality, reviewers can see all the different user accesses across business applications like SAP, Salesforce, and Oracle EBS and base decisions on a holistic view of the user's access.

**Detailed Campaign Segmentation:** Recertification campaigns can be segmented by various attributes (i.e., role, dept, geo, SoD risks) so that high-risk user groups can be properly controlled with more frequent reviews, while the rest of the low-risk user base is reviewed on an annual basis.

**Template Versioning & Optimization:** Pathlock's Access Certification module provides the ability to create version-controlled campaign templates that can be reused and, along with insights into response rate trends over time, supports the optimization of repeatable processes.

**Campaign Configuration:** Campaigns can be scheduled to run automatically at each end of a defined period or created as one-off instances for specific reviews. Pathlock also supports hybrid campaigns where both managers and risk/role owners are involved in the review. Each campaign has options to define whether reviewers can mass approve/revoke access, as well as control over how the automated corrective actions are performed (e.g., lock accounts, deprovision immediately when reviewer submits de-certification, deprovision if campaign ends and reviewer did not recertify).

**Risk & Control Owner Recertifications:** Campaigns can be used to recertify mitigations for a given risk or role – or created to recertify risk or mitigation owners. In both cases, the mitigation or owner will have their validation date extended per the corrective action policies defined in the campaign.

**GRC Functional Reviews:** In addition to standard recertifications, Pathlock's Access Certification module addresses the specific review requirements for elevated access challenges faced by those using Emergency Access Management (EAM) capabilities. Periodic

recertification campaigns can also be applied to meet the review requirements of compensating control or mitigation assignments.

**Usage Insights:** Pathlock provides reviewers with detailed usage insights so they can easily determine whether access is necessary. Usage data is shown at the account, role, and entitlement level – including the last date and frequency of role usage shown next to the user being reviewed.

**Automated Decertification:** Inactive users can be automatically decertified if they have not accessed a system for a predefined period and will be excluded from recertification campaigns. This auto-lock feature is customizable based on the level of risk, and managers can still determine whether or not to include inactive users in campaigns.

**One-Click Access Revocation:** Role owners and supervisors can remove specific user access with one click. This eliminates the need to email a request to a member of the IT team. Changes are automatically documented as part of the role recertification project, ensuring an easy-to-follow audit trail.

**Least Privilege Recommendations:** Pathlock's Access Certification module includes a Recommendation Engine to simplify corrective actions aligned with least privilege. If a reviewer wants to rectify a user with unused access, Pathlock automatically determines best-fit alternatives based on the user's usage over a defined period. The same role replacement suggestions also apply to corrective actions taken on SOD conflicts and sensitive access. After a reviewer selects a replacement, the request triggers a compliant provisioning workflow for the appropriate stakeholders.


**Campaign Management & Reporting:** Campaign managers can easily keep track of progress with campaign status reports showing which access reviews have taken place and which still need to be completed and which supervisor is responsible for each review. Reviewers have their own dashboard with guided navigation and alerts for any outstanding campaigns or recertifications they need to complete.

**Audit Ready:** Pathlock's Access Certification module provides a single place to review findings and corrective actions. Notes can be logged at the campaign and periodic audit levels, and auditors can also confirm all corrective actions were completed following the campaign. Additionally, an SoD check provides the ability to ensure no reviewer certified their own access.

**Customizable Email Alerts:** Access Certification provides an email reminder cadence to both IT and reviewers that is configurable for each campaign. Reminder emails are automatically sent if reviewers have not yet completed a certification and allow campaign managers to include all pertinent data and instructions, so the reviewer is able to complete their assignments.

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**Reviewed Authorizations** Expand 

Path: Reviewed Authorizations

> Filter Process: UAR Review Q1 2022 x

Approval Group	Approver Name	Approved On	Approved	Username	Full Name	SAP License	High Risk	Role Type	Role	Description	Activities in Role	Step Name	Remarks
aanderson	Anne Anderson	5/03/2022	✓	AbdusSalam	Abdus Salam	Limited Professional	⚠	S	ZBC_TRANSACTIONS_FOR_USERS		17	Approval	
aanderson	Anne Anderson	5/03/2022	✓	Adolfvon	Adolf von Baeyer	Limited Professional	⚠	S	ZBC_TRANSACTIONS_FOR_USERS		17	Approval	
aanderson	Anne Anderson	5/03/2022	✓	AaronKlug	Aaron Klug	Limited Professional	⚠	S	ZBC_TRANSACTIONS_FOR_USERS		17	Approval	
aanderson	Anne Anderson	5/03/2022	✓	AaronKlug	Aaron Klug	Limited Professional		S	ZMM_DSM_USER		1	Approval	
aanderson	Anne Anderson	5/03/2022	✗	AaronKlug	Aaron Klug	Limited Professional	⚠	S	ZSAP_ALL	Display vendor (Purchasing)	60061	Approval	Not required

Reviewed Authorizations

## AVAILABILITY

Pathlock’s Access Certification module supports 140+ applications, including SAP, Oracle, Workday, Microsoft Dynamics 365, NetSuite, SuccessFactors, and Salesforce. This is offered as a SaaS solution, enabling rapid deployment, configuration, and integration for on-premise or hosted business applications within a day.

## SUCCESSFUL IMPLEMENTATIONS

NuVasive and Rolls-Royce are among the organizations that have use Pathlock’s Access Certification module to reduce the time it takes to recertify roles in their ERP environments and improve controls to meet their specific audit requirements.

## SERVICES & SUPPORT

**Services:** Pathlock has a proud history of successfully partnering with customers seeking a tailored solution. Because of the cost-conscious nature of many organizations, Pathlock offers its implementation and customization services at compelling price points.

**Support:** Pathlock offers 24 x 7 x 365 support options with a local presence and has been recognized by its customers for providing exceptional value through training, software, and support services.


## LEARN MORE

With Access Certification by Pathlock, enterprises can significantly reduce their recertification costs by simplifying the process, giving security administrators, role owners, and supervisors the information they need to efficiently complete access reviews automate support for audits.

Visit [pathlock.com](https://pathlock.com) to learn more about Pathlock’s User Access Review solution.

“Our managers and internal auditors are thrilled with Pathlock’s Access Certification module. Because role owners now get the data they need when they need it, what used to be an ambiguous and extremely manual process that often required 6-9 weeks of follow-up has been reduced down to two weeks.”

**Bruce Davis**  
Senior Applications Administrator,  
NuVasive



### About Pathlock

The Pathlock platform protects the leading ERP systems and enterprise business applications and the critical transactions they power. Our application governance solutions help 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, control testing, transaction monitoring, and audit preparation.



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