pathlock

Role Management

Optimize Role Lifecycle Management

AT A GLANCE

Align Stakeholders and Streamline the Role Management Process

Role Management from Pathlock manages the entire role lifecycle. Role Management can be configured to match any enterprise's process. It ensures design guidelines, development standards, documentation requirements, testing mandates, approvals, and deployment packaging of production-ready roles.

ELIMINATE PAIN

Replace Havoc and Complexity With a Well-Defined Process

Ad hoc. Herculean. Complex. These are terms historically used to describe role management. Security administrators, who are often under time constraints and short of staff, battle daily to design, develop, document, modify, provision, and manage roles. As a result, SAP role management frequently creates significant costs and duress for security and risk management teams.

Rarely are security teams given the process engineering tools and support required to consistently meet customer expectations. Often the skills and productivity of the team are questioned by executives and auditors who raise concerns about the number of roles created over time, the limited documentation associated with some roles, and the weak audit trails for testing and approval of roles.

KEY BENEFITS

Process Efficiency, Automated Documentation, and Improved Security

Auditor Approval: Role Management from Pathlock satisfies auditors who need evidence of how role design, development, and deployment are properly controlled and comply with policy requirements.

Increased Productivity and Lower Costs: Automating role management-related activities such as documentation, role construction, and transport packaging enable security teams to reduce tedious, time-consuming, and error-prone work. Furthermore, enterprises can implement continuous improvements to lower costs and reduce the work required to manage roles. Role Management from Pathlock enables a consistent and efficient process for role management which can easily be adjusted as security teams learn and scale.

Improved End User Satisfaction: Role Management allows organizations to more effectively set and consistently meet end user expectations. By having a defined and efficient process, end users better understand what is required for a new role or a role modification and when the request will be fulfilled. Pathlock's solution also improves quality, making users more satisfied with their roles.

Seamless Alignment of Design, Approvals, and Implementation: The Role Management module automatically generates roles based on an approved design. Approved designs get developed and promoted to production. This eliminates the need to design a role, get approval for it, and then re-enter all the transaction code authorizations. Role Management helps ensure that only approved designs are implemented.

ARCHITECTURE, KEY FEATURES, AND COMPONENTS

Mobile Ready: Users can access the Role Management solution from a mobile device, and managers can approve roles via email without logging into the module. Approval via email can accelerate the role's progression from design to deployment. Additionally, administrators can directly navigate from an email to a specific role during the role design, development, test, and deployment stages, further reducing the steps required to comment on or approve a role.

Configurable Workflows: The Role Management module from Pathlock can be customized to match any enterprise workflow. Stages, projects, actors, and approval requirements are fully configurable. Role Management enables different "actors" to see what they need to see and do only what they need to do. Users can be assigned certain roles for one project and different roles for other projects.

Template-Driven Requirements Gathering: Quickly configure templates to consistently and easily capture design requirements. Templates enable security teams to ask the right questions, get the right answers, and maintain an audit trail between the business requirements and the technical decisions made for each role.

Documentation: Role documentation is supported and made available for security teams throughout the role's lifecycle. This lets the security team respond efficiently to support tickets or future design requests. Role documentation includes a detailed log of the role's change history, as well as any comments made by designers, developers, administrators, or approvers during the life of the role.
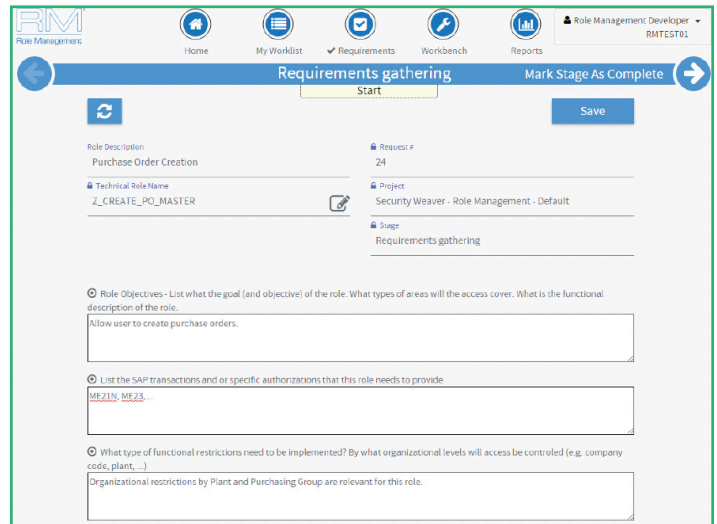
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Automated Role Generation: Automatic generation of roles based on their design documentation saves time and ensures roles are built properly. Automatically building roles reduces rework and production issues. It also makes auditing roles much easier.

Detailed Role Reporting: When a role has been in production for a certain period of time, detailed reporting is critical for developers and administrators to make informed maintenance decisions. For example, how the role is used (or not used) in production, the number of users assigned the role, the number of derived roles (if a parent role), and what license requirements are associated with the role can help designers and administrators make important decisions during the life of a role.

Approval Management: Role Management can gate stages by requiring approvals. Managers are automatically notified when their approval is required and gain a single vantage point for seeing the roles required for their review.

Efficient Testing and Automated Distribution: Efficient role testing is supported through integration with Pathlock's Validation Workbench. Once testing is complete, Role Management automatically creates the SAP transport request and moves roles to the appropriate target systems. With Role Management, security administrators can develop roles in one system and then deploy them to multiple target environments.

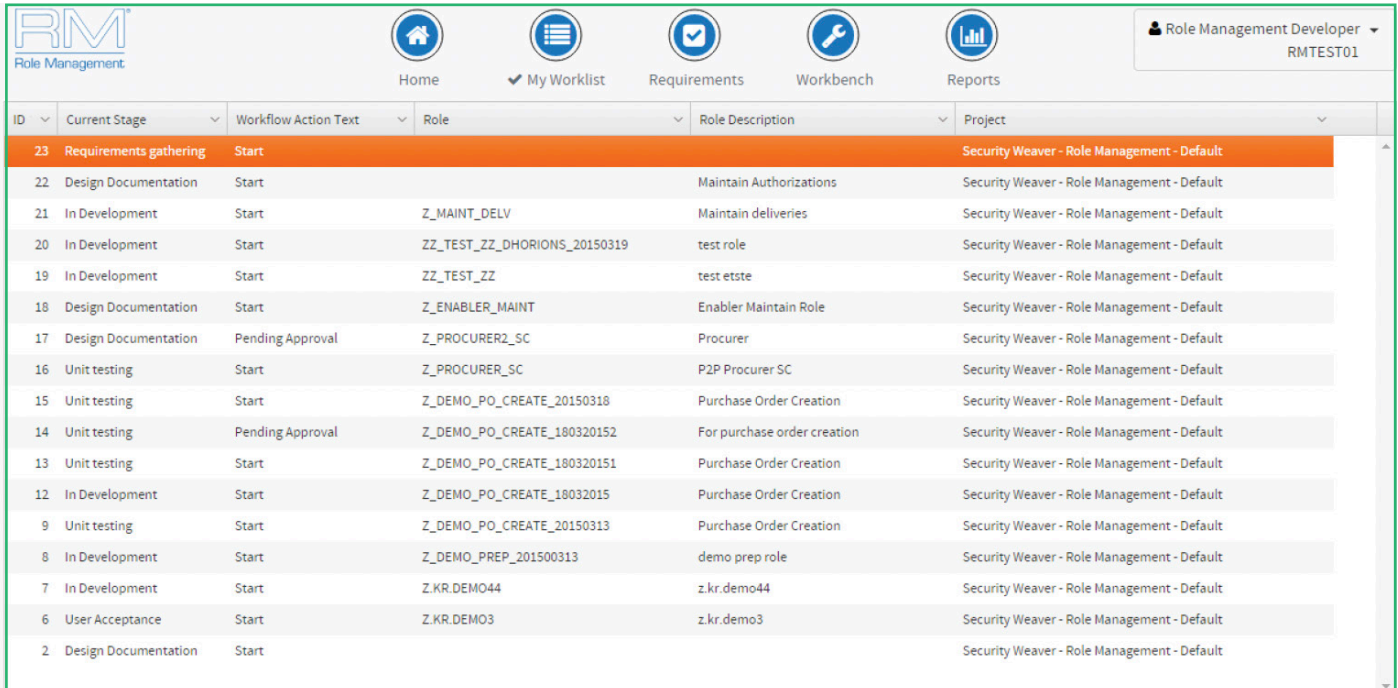Quickly and consistently gather and document requirements using templates

Automated Provisioning and Mass Updates: Role Management integrates with the Secure Provisioning module for automated provisioning and de-provisioning of roles to mass audiences or individual users.
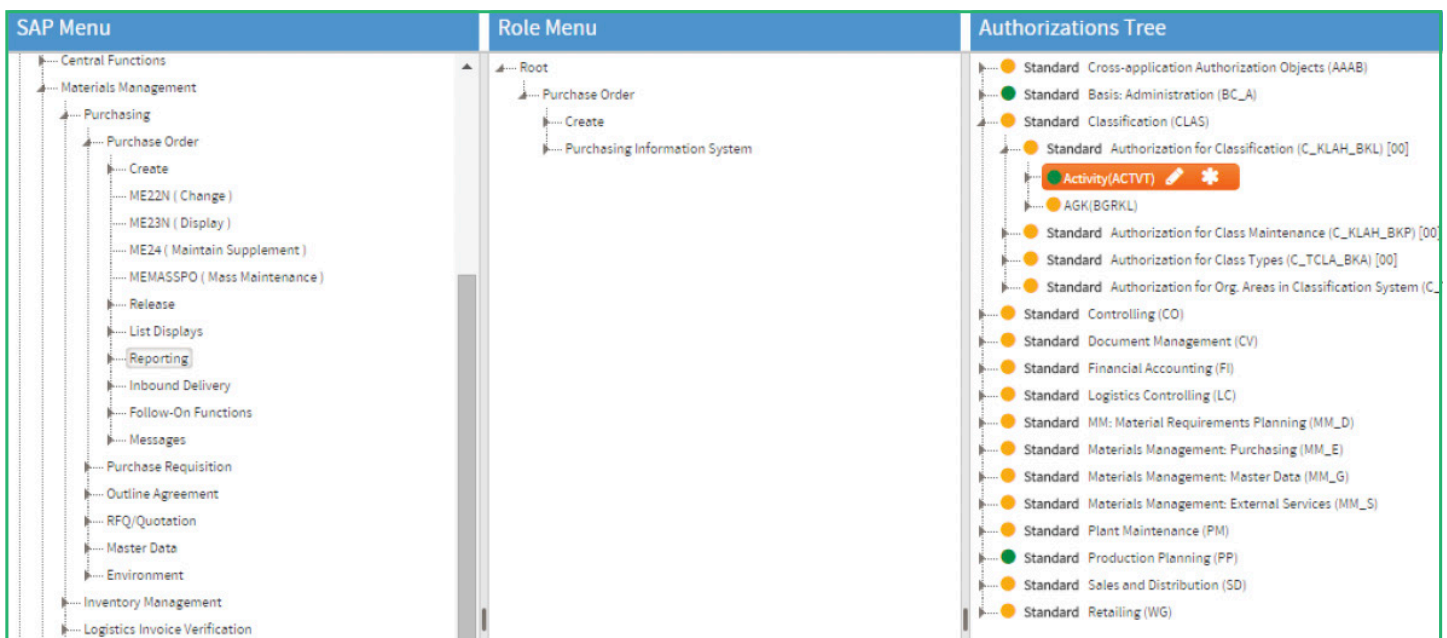
Intuitively design roles using tree menus

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Comprehensively manage work from a single cockpit

Post-Production Support: By integrating with Pathlock's Authorization Help solution, Role Management supports role maintenance and change management after roles have been released into production environments. Role Management facilitates troubleshooting roles in production by helping security teams understand why a role exists, why it was designed the way it was, and how it was tested.

Segregation of Duties (SOD) and Critical Access Controls: SOD and Critical Access checks can be completed automatically during any stage of the role development process when integrated with Separation Enforcer from Pathlock. The solution can then be configured to block roles with SOD conflicts or with critical or sensitive access from progressing through the development process without special approvals and proper mitigations.

Centralized Role Repository: Role Management offers a centralized repository that allows administrators to compare roles to each other and leverage model roles in order to accelerate their work.

REQUIREMENTS

The Role Management module from Pathlock is a web-based application and requires a web application server such as Apache Tomcat. Consistent with all Pathlock applications, Role Management is designed and built for quick and inexpensive deployment.

The Role Management module can be implemented across most production SAP environments because it supports all SAP ABAP systems from BASIS release R/3 4.6c onward. This includes, but is not limited to, applications such as SAP CRM, SAP SRM, and SAP ECC.

This role lifecycle management solution from Pathlock is not limited to supporting only roles within the SAP application landscape. Role Management can also be implemented to manage the design, development, and testing of roles outside of SAP applications.

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LICENSING, SERVICES, AND SUPPORT

Licensing: Role Management is offered through a competitively priced subscription license.

Services: Pathlock has a proud history of successfully partnering with enterprises 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

Role Management from Pathlock allows enterprises to gain automated controls, ensure regulatory compliance, reduce operating costs, and create better audit trails.

Visit **pathlock.com** to learn more about Pathlock's solution for role lifecycle management.

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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