

ABOUT

RegScale overcomes limitations in legacy GRC by bridging security, risk, and compliance through our Continuous Controls Monitoring platform. Our CCM pipelines of automation, dashboards, and AI tools deliver lower program costs, strengthen security, and minimize painful handoffs between teams.



RESOURCES

RegScale
carah.io/regscale-home

RegScale Blogs
carah.io/regscale-blog

RegScale Microsite
carah.io/regscale

RegScale SBOM
carah.io/regscale-sbom-records

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Streamlining Compliance Through SDLC with RegScale

TECHNICAL SUMMARY

Unlock the power of seamless integration and proactive risk management with RegScale in the Software Development Life Cycle (SDLC). By effortlessly integrating into an agency's CI/CD pipeline through its CLI, RegScale ensures real-time updates on every build iteration, saving time, reducing costs and enhancing the accuracy and quality of Government agencies' software development processes. Agencies can detect and address issues early with RegScale, boosting efficiency and minimizing post-deployment challenges.

What is SDLC?

SDLC is a structured framework that guides software product conception, development, testing, deployment and maintenance. Central to this process is the Software Bill of Materials (SBOM), which plays a critical role in ensuring the integrity and security of the software. As software progresses through the SDLC, developers update the SBOM with specific component versions during the implementation/coding phase, creating a comprehensive inventory essential for tracking and managing dependencies. In the testing phase, the SBOM is utilized to verify component completeness and assess vulnerabilities against known threats, enabling timely rectification of any identified issues before deployment to reduce the risk of security breaches in the production environment.

RegScale empowers agencies to gain a deeper understanding of risks associated with third-party software components, thereby enhancing the overall security of their products. By transparently exposing the software's ingredients list for customer review, RegScale builds trust and confidence in the software's integrity and security measures.

RegScale is a leading provider of advanced Continuous Controls Monitoring (CCM) solutions designed to address the complex compliance and security challenges faced by Government agencies. With over 1,200 APIs and pre-built integrations, RegScale offers a comprehensive platform that seamlessly integrates with development and deployment pipelines, automating compliance tracking, documentation and reporting processes throughout the SDLC. By leveraging Compliance as Code and self-updating paperwork, RegScale ensures that Government agencies are always audit-ready, reducing manual workload and the likelihood of data breaches due to outdated information or human error.

THE CHALLENGE

Government agencies often operate within stringent compliance frameworks, leading to complexities in managing and demonstrating compliance with regulatory requirements. Manual compliance processes are time-consuming and error-prone, making it challenging for agencies to keep up with evolving regulations and standards. Similarly, manual risk assessment processes are labor-intensive, which leads to delays in identifying and mitigating risks, increasing the agency's exposure to potential security threats.

In large-scale applications, the SBOM's "ingredients list" often becomes extensive, making the reviewing process challenging for associated risks. Manually managing all compliance documentation and evidence takes significant time and effort for agencies preparing for audits. RegScale's CCM pipelines of automation, dashboards and AI tools deliver actionable insights to developers and security teams about potential security risks and vulnerabilities, enabling them to address these issues proactively before they become obstacles.

THE SOLUTION

RegScale overcomes limitations in legacy Governance, Risk and Compliance (GRC) by bridging security, risk and compliance through its CCM platform. Agencies achieve rapid certification for faster market entry, anticipate threats via proactive risk management, and automate evidence collection, access reviews and controls mapping. With its automation capabilities, RegScale enhances transparency by matching a detailed list of components and dependencies in an application with related compliance documentation, including controls, in real time. Developers and security teams are then able to track and address potential vulnerabilities much more proactively and effectively throughout the SDLC.



Lower Costs with Intelligent Automation

Reduce costs through intelligent automation via RegScale's CCM platform, automating and bridging compliance and security documentation processes throughout software development lifecycles. With an API-centric approach boasting over 1,200 APIs and pre-built integrations, RegScale seamlessly exchanges structured and unstructured data into a centralized CCM data lake, further streamlining documentation and compliance.



Always Audit-Ready with Automated Compliance

Always remain audit-ready using RegScale by automating the tracking of compliance requirements, updating assets and components, and generating necessary documentation and reports. When leveraged, RegScale's CCM platform seamlessly integrates security and compliance into every phase of the SDLC, reducing manual effort and the potential for human error in compliance tracking through automation. Through self-updating paperwork, extensive automation and advanced AI, RegScale ensures that agencies have access to up-to-date compliance documentation and evidence, maintaining a state of audit readiness.



Strengthen Security through Actionable Insights

Enhance security through real-time updates for vulnerability lifecycle management alongside SBOMs. RegScale easily integrates with development and deployment pipelines to automatically enforce compliance rules for assets, components and libraries and feeds these into SBOMs. Leveraging tools like Wiz and Sonarcube, RegScale monitors for updates and vulnerabilities, alerting stakeholders promptly for visibility and action.



Scale Seamlessly Across Use Cases

No matter the compliance and security needs, users leverage RegScale's extensive API library, ensuring interoperability across multiple use cases. RegScale's CCM platform is also adaptable to different agency needs and compliance frameworks, providing flexibility.