



ACCELERATE YOUR GITHUB ADOPTION



ABOUT INCYCLE

InCycle is an award-winning digital innovation company. Recognized for industry leadership and customer impact. We are an eight-time recipient of a prestigious Microsoft Partner

Award. We are a software-driven consulting firm that employs a pragmatic and modern approach to accelerate application delivery for our customers.

SERVICES AND TOOLS

Our team of recognized experts helps you plan, migrate, modernize, and establish governance—driving standardization, ensuring compliance, and boosting developer productivity with industry-leading tools and practices.

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INCYCLE
ELEVATE



REPOSITORY MIGRATION

Fast and efficient migration of repositories and pipelines to GitHub using recognized experts with industry leading automation and tools.

PIPELINE MODERNIZATION

Automated transformation eliminates manual effort and errors, minimizing downtime, and accelerating new practice readiness and adoption.

GOVERNANCE

Gain visibility and enforce best practices across teams and repositories while ensuring compliance and preventing drift.

DEVELOPER PRODUCTIVITY

Boost productivity and maintain security and reliability with Copilot (e.g., coding agent), Secret Protection, and Code Security.

GET STARTED

Accelerate GitHub adoption today!

Contact us at: info@incyclesoftware.com or visit our website at: www.incyclesoftware.com to learn more. Call 1(800) 565-0510 for immediate assistance.

ACCELERATE GITHUB MIGRATION

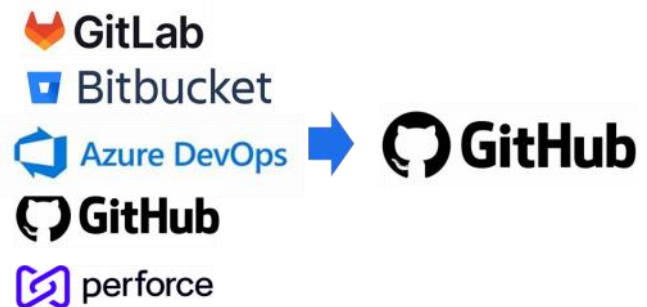
In the fast-paced world of software development, leveraging top tools and technologies is crucial. InCycle's GitHub Repository and Modernization Service automates the migration and modernization of your repositories, seamlessly integrating them into your new GitHub environment.

MIGRATING HUNDREDS OR THOUSANDS OF REPOS — IS HARD!

Migrating a large set of repositories to GitHub Enterprise is a challenging endeavor. The complexity involved in transitioning from other platforms often poses significant obstacles, slowing down the adoption of GitHub throughout the enterprise. However, with the right strategies and tools, these challenges can be effectively managed, ensuring a smooth and efficient migration process.

REPOSITORY DISCOVERY MADE EASY

Analyzing repositories to identify active versus inactive ones, evaluate content and dependencies, and understand pipeline complexities is a difficult and error-prone process. Without the support of automation, technology, and thorough assessments, determining repository compatibility or readiness for migration becomes highly challenging. InCycle's advanced scanning and assessment tools streamline discovery, minimize errors, and deliver actionable insights—making repository migration and optimization significantly more efficient and reliable.



STRATEGIC MIGRATION PLAN

Creating a strategic migration plan is essential but often complex and time-consuming. Without a clear roadmap, teams risk delays, false starts, and rework—whereas InCycle's expertise, specialized tools, and iterative approach enable confident, streamlined execution.

AUTOMATION IS KEY TO EXPEDITE MIGRATION

Migrating to GitHub Enterprise can be overwhelming without automation. Challenges like large files, permission mapping, and tracking statistics often cause delays. InCycle's expert consultants and purpose-built tools eliminate friction, reduce errors, and deliver fast, stress-free migrations that keep your team moving forward.

A screenshot of the InCycle ELEVATE web application. The interface shows a sidebar with navigation options like 'Modernization Management', 'Application Modernization', and 'Repository Analysis'. The main panel displays a 'Repositories' table with columns for 'Name', 'Compliance', 'Workspaces', 'Description', and 'Created On'. The table lists various repositories, many of which are marked as 'OK' for compliance and were created from the 'InCycle Audit Tool'.

Name	Compliance	Workspaces	Description	Created On
travelpaymentprocessor	1	air-canada	Created from InCycle Audit Tool	8/7/2020 1:2
agent-dashboard	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
travelagency	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
exchangeconfirm	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
bookingconfirm	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
bookingauthorise	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
travelpay	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
gigsresult	1	air-canada	Created from InCycle Audit Tool	8/7/2020 10:2
calendarcalendar	1	air-canada	Created from InCycle Audit Tool	8/7/2020 10:2
loginregister	1	air-canada	Created from InCycle Audit Tool	8/7/2020 1:3
exchangeauthorise	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
refundconfirm	1	air-canada	Created from InCycle Audit Tool	8/7/2020 7:0
refundauthorise	1	air-canada	Created from InCycle Audit Tool	8/7/2020 8:3
getauthorisation	1	air-canada	Created from InCycle Audit Tool	8/7/2020 10:2
login-app-gateway-static-pages	1	air-canada	Created from InCycle Audit Tool	8/24/2020 4:3
register	1	air-canada	Created from InCycle Audit Tool	8/24/2020 8:3
password	1	air-canada	Created from InCycle Audit Tool	17/6/2020 2:4
partners-app-gateway-app-templates	1	air-canada	Created from InCycle Audit Tool	17/6/2020 8:0
partners-app-gateway-cobrand-templates	1	air-canada	Created from InCycle Audit Tool	17/6/2020 4:3
login-app-gateway-register-devices	1	air-canada	Created from InCycle Audit Tool	8/7/2020 2:4
login-app-gateway-register-devices	1	air-canada	Created from InCycle Audit Tool	17/2/2020 8:3
login-app-gateway-content-templates	1	air-canada	Created from InCycle Audit Tool	8/7/2020 4:3

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PACKAGED MIGRATION SERVICES

- Pipeline Discovery
- Readiness and Dependencies
- Prioritization
- Roadmap and Batch Scheduling
- Migration Execution
- Validation
- Error Management
- Migration Dashboard

QUICKLY MODERNIZE PIPELINES

Automated pipeline transformation eliminates manual effort and errors, ensuring a smoother migration and standardization. It streamlines processes and workflows, minimizes downtime, and accelerates new system readiness and adoption.

MIGRATING AND MODERNIZING LEGACY CI/CD PIPELINES AT SCALE REQUIRES AUTOMATION

Migrating pipelines from legacy technologies to GitHub Actions is a complex task that involves transforming and modernizing workflows, not just transferring them. Notably, this process also offers a unique opportunity to implement enhancements and optimizations that were previously unfeasible.

MIGRATING AND MODERNIZING PIPELINES IS COMPLEX

Migrating pipelines, and the required modernization, involves several challenges that require careful planning and execution to ensure a smooth transition while preserving the functionality and efficiency of the CI/CD processes.

DIFFERENT SYNTAX CONFIGURATION

Translating complex scripts for GitHub can be time-consuming and error-prone.

PLUGIN AND FEATURE PARITY

Finding or creating equivalent actions for legacy plugins and ensuring all required functionalities are covered.

ENVIRONMENT AND INFRASTRUCTURE DIFFERENCES

Adapting to GitHub's runner environment, managing secrets, and ensuring compatibility with existing infrastructure

SECURITY AND COMPLIANCE

Ensuring that security policies and compliance standards are enforced during and after the migration .

WORKFLOW OPTIMIZATION AND PERFORMANCE

Re-optimizing workflows to achieve similar or better performance and efficiency in GitHub Actions.

APPLYING TRANSFORMATION RULES TO SPECIFIC SCOPE

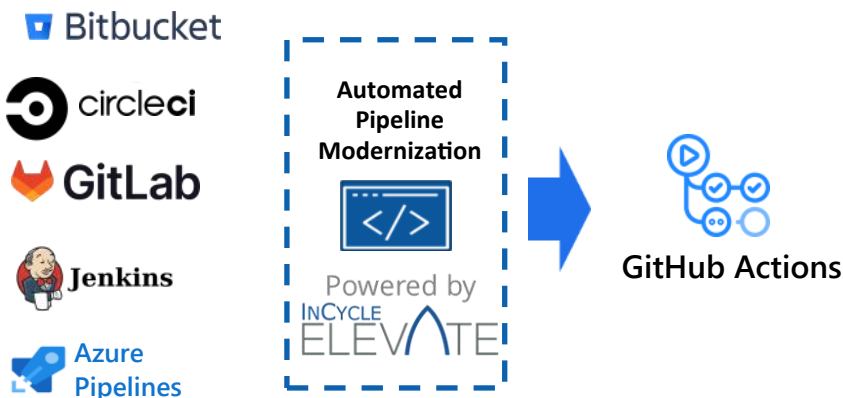
Applying rules or transformations to specific repositories, teams, or pipeline types is complex and error-prone without the right tools and automation.

AUTOMATED MODERNIZATION AT SCALE

Modernizing and debugging broken CI/CD pipelines doesn't have to slow down your development team. InCycle's automated pipeline modernization service quickly identifies issues, applies the necessary changes (e.g., mass updates or transformations), avoids common pitfalls, and minimizes time to operationalization. It reduces transition times and minimizes risks — ensuring a smooth and efficient new platform transformation.

PACKAGED MODERNIZATION SERVICES AND TOOLING

- Pipeline Discovery
- Standards Elaboration
- Transformation Coding
- Modernization Testing
- Modernization Execution
- Best Practice Coaching
- Modernization Dashboard



ENSURE REPO AND PIPELINE COMPLIANCE

Gain enterprise-wide visibility to ensure best practices across your organization, teams, and repositories. Implement robust repository governance and compliance measures to maintain standardization and eliminate drift from established standards. Enhance pipeline governance and compliance with a comprehensive compliance dashboard. Establish audit policies and rules for continuous quality checks and unit tests to ensure optimal performance and compliance.

IMPLEMENTING AND ADHERING TO STANDARDS IS KEY FOR CONSISTENCY, RELIABILITY, AND OPERATIONAL EFFICIENCY

Repository and pipeline standards are essential for driving consistency, reliability, and efficiency across development teams and processes. They ensure high-quality code, foster seamless collaboration, and streamline workflows to support innovation. By enforcing adherence to established practices, organizations can minimize errors, enhance security, prevent drift and technical debt, and maintain regulatory compliance.

CHALLENGES WITH REPOSITORY AND PIPELINE GOVERNANCE

Repository and pipeline governance is challenging because it requires maintaining consistency and reliability across diverse development teams and processes.

COMPLEX REGULATORY COMPLIANCE

Keeping up with evolving regulations like GDPR, CCPA, and HIPAA is difficult and expensive.

FRAGMENTED WORKFLOWS

Siloed data, practices and processes hinder effective governance.

SECURITY RISKS

Ensuring security and privacy amidst increasing cyber threats is a constant challenge.

INTEGRATION ISSUES

Harmonizing disparate teams and systems, especially after mergers or third-party connections, is arduous and complex.

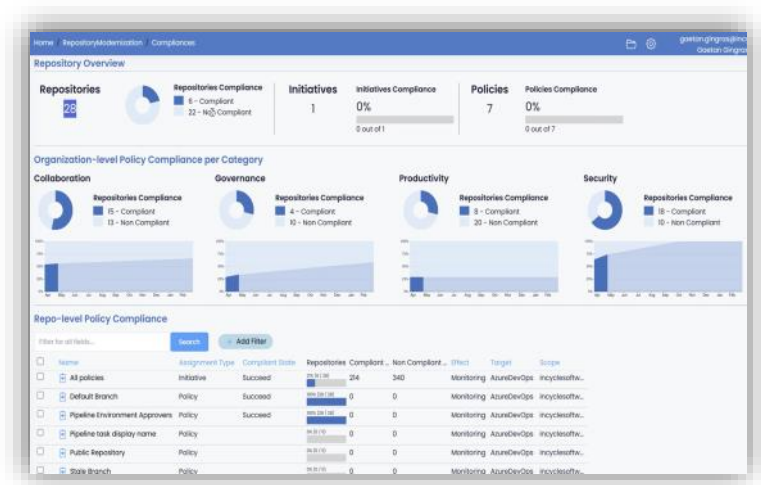
THE SOLUTION IS A CENTRALIZED AND AUTOMATED GOVERNANCE

InCycle's Repo Governance Service provides advanced governance capabilities to enhance your company's security posture, support regulatory compliance, mitigate operational risks, and protect intellectual property. Managers and auditors can quickly view and assess adherence to both established (e.g., GitHub WAF) and custom compliance programs across repositories, teams, and organizational scopes. Effective governance ensures protection while maintaining the integrity and reliability of the organization's processes and systems, thereby fostering trust and a strong reputation among customers and stakeholders.

MANUAL PROCESSES

Involve human review, policy enforcement, and compliance checks.

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REPOSITORY GOVERNANCE PROVIDES ENTERPRISE-WIDE COMPLIANCE VISIBILITY.

Packaged
Compliance
Services and Tooling

- Best Practice Assessment
- Standards Elaboration
- Policy Implementation

- Custom Checks
- Alerts and Notifications
- Compliance Dashboard

INFUSE DEVELOPER PRODUCTIVITY

WITH GITHUB AND MODERN ENGINEERING

Looking to improve developer productivity? Feeling pressure to innovate and simultaneously maintain application security, stability and reliability? Achieve these objectives by adopting GitHub and implementing modern engineering practices with InCycle. Our best customers seek to automate development pipelines with actions and packages, defend code against vulnerabilities and accelerate developer productivity with GitHub Copilot, Code Agent, Code Security, Secret Protection, WAF assessment, and best practices implementation. As an accredited GitHub partner, InCycle can help you implement and achieve your modern engineering goals.

LEARN GitHub FROM THE BEST



COPILOT

Maximize developer experience by adopting AI-powered code suggestions. Boost development and job satisfaction simultaneously!

CODE SECURITY

Enhance Security with GitHub Code Security at scale using Dependabot, code scanning, standards, and reporting.

WAF ASSESSMENT

Evaluate your teams adherence to best practices through GitHub WAF assessment services— and plan improvement initiatives.

COPILOT CODE AGENT

Bring your development to the next level using AI-powered peer programmer designed to automate routine development tasks and streamline workflows.

SECRET PROTECTION

Proactively detect and prevent the leakage of sensitive information—such as API keys, passwords, and tokens—within your GitHub repositories.

PRACTICES ADVISORY

Utilize expert coaching to fast-track the modernization of your engineering practices with our unique accelerators and purpose-built GitHub tools.



“InCycle helped us modernize our DevOps practices and improve code security with GitHub. This eliminated costly and error-prone manual tasks and decreased our vulnerability exposure. Not only did we improve productivity, but we also slept better!”

InCycle Fortune 500 Financial Customer

GET STARTED

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A better way

GitHub Verified Partner