AutoRABIT ARM™
Automated Release Management for Salesforce Development Velocity, Quality, Security, and Compliance

autorabit

Get DevSecOps operational efficiency and speed for Salesforce that's built for security, compliance, and quality throughout the DevOps supply chain

AutoRABIT's Platform supports security and compliance

SOC 2 TYPE II CERTIFIED   CALIFORNIA CONSUMER PRIVACY ACT   ISO 27001 INFORMATION SECURITY CERTIFIED   GDPR   HIPAA COMPLIANT

Salesforce Developers Face Unique Challenges

Salesforce enables digital transformation, underpins customer relationships, powers sales organizations, and is a critical tool for evaluating organizations' performance. Salesforce, however, was designed to be a CRM, not a development platform, creating a broad set of challenges and risks for developers and administrators.

- Every line of code or screen change creates metadata that persists, inherits, and propagates, sometimes taking down mission-critical production environments.
- Sensitive data is pervasive and subject to breach due to poor code quality, development methods, data usage, and process integration.

But despite these security and compliance risks, teams must continue to deliver at increasing velocities to satisfy the business requirements.

A Platform Solution Built For Salesforce DevSecOps Velocity, Quality, Security + Compliance

Built on AutoRABIT's combined DevSecOps platform, AutoRABIT ARM enables release velocity, quality, security, and compliance. Platform integration with AutoRABIT Vault and AutoRABIT CodeScan enhances these capabilities, delivering increased code quality, reduced technical debt, and improved Salesforce availability. With AutoRABIT ARM, development teams release new content faster and create high-quality code that gets it right the first time.

Salesforce Deployment Security and Compliance Risks Hide in Plain Sight

IT security and regulatory compliance risks in Salesforce development, until recently, were often overlooked.

Sensitive information is pervasive.

Repositories of operating data, customer personal information, business methods and financial information require developer level data specific controls and auditability.

Salesforce metadata increases risk.

Unique Salesforce metadata persists, inherits, and propagates – Can compromise release quality, leading to downtime and exposure of sensitive or protecting data.

DevOps tool and integration complexity.

Source control, code quality analysis, testing, build, automated lifecycle management and other tools can increase exposure risk with each additional step.

Salesforce Metadata management addresses unique environment requirements

- Every screen update or line of code creates metadata
- Metadata properties persist, inherit, progate and nest
- Bad metadata breaks orgs, slows development, exposes sensitive data

Flexible deployment models for risk reduction, privacy mandates, cost control, and security

SaaS   Self-Managed Cloud   On-Premises

AutoRABIT ARM™

With AutoRABIT ARM Get High-Quality, High-Velocity, Secure and Compliant Code Every Time

- Continuous DevSecOps
- Actionable insights and analytics
- Support for security and compliance

- Unified pipelines for code and metadata
- Metadata Intelligence
- Single platform for DevOps and DataOps

Deployment and Rollback

- Granular control of releases and rollbacks with one-click deploy/redeploy improves productivity with reduced errors, rework and cycle time.
- Deep Metadata control lowers failure rates, reduces deployment time.
- Automatically identify and append revisions for merging and deployment of code changes.

Salesforce DX Support

- Speed development with GUI-driven DevOps Salesforce DX package management – command line or scripting required.
- Modularize DX code development with version control, Unlocked Packages, and Scratch Orgs.

Secure and Compliant

- Flexible deployment options –SaaS, Public/Private IaaS, On-premises.
- Certified – ISO 27001 certified, HIPAA compliant, SOC 2 certified.
- Encryption and Data Masking – data-at-rest/in-motion, BYOK, Salesforce Shield, On-way data masking for Development and Test.
- Access controls – RBAC enabled with integration to SSO (available for an additional fee) environments that support multi-factor authentication, SAML 2.0 environments. Secure Salesforce authentication with 0auth 2.0 JWT. Certificatebased GIT authentication.
- Audit and eDiscovery support – Detailed reporting of who, when, where and changes made by developers, admins, release managers, etc.
- Create high-quality code that promotes security and compliance – Poorly written code can lead to increased vulnerabilities and risk. With AutoRABIT ARM get higher-quality code with every release.
- VPN support for public and private cloud connection
- Dependency Analyzer offers the ability to view and manage dependent metadata components as an additional quality gate for code commits.
- Notification suppression for inactive users reduces email traffic and loss of information.

Sandbox Management

- Reduce errors and code conflicts by automatically keeping sandboxes in sync.
- Load masked data sets for secure and compliant test and development.

Change Management

- Enables a systematic approach to story collaboration, code reviews, and release process.
- Seamlessly integrates Version Control with Change Management Processes or ALM.

Continuous Integration / Continuous Development

- Turnkey packaging, deployment and testing of Salesforce source code.
- Build and test smaller incremental updates more frequently for faster, higher quality Salesforce releases.
- UI-based: No scripting. No command line required
- Speed the code review process with auto-approval for pre-set quality gates.
- Achieve deeper automation and true continuous delivery with a provision to auto-merge to multiple branches.

Version Control

- GUI for check-ins, conflict resolution, and peer reviews using a central repository.
- Easily collaborate, track, and manage source code across multiple versions.
- Flexible commit and merge options, including EZ-commit and merge
- Gated check-in options and ALM tool integration.

Tool & Infrastructure Integrations

- Use industry-standard DevOps tools for easy adoption and lower cost of ownership.
- Source control systems, Static Code Analysis, Identity Management/SSO (available for an additional fee) (include MFA), Test systems, External Build tools, and more.
- Dedicated channels within Slack and/or Microsoft Teams provide documentation for every release milestone as it happens.
- Manage and protect sensitive data with secure tokens, certificates, and more by integrating ARM with Hashicorp Vault.
- ARM is committed to always supporting the latest Salesforce API.