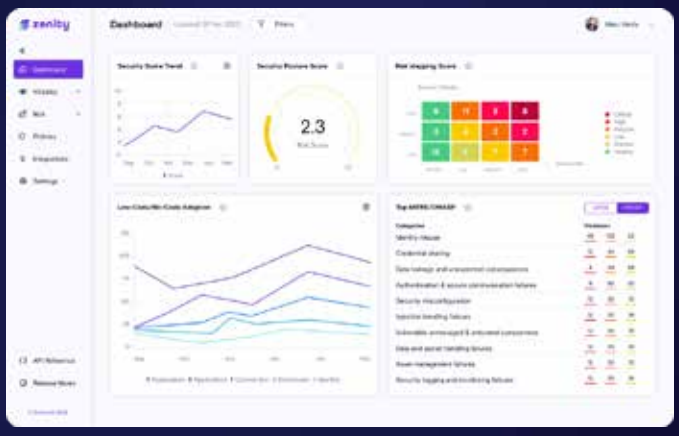
zenity

Product Brief

Secure and Govern Low-Code/No-Code Development with Zenity

Zenity provides a robust security and governance platform focused on **low-code/no-code development**, enabling organizations to empower professional and citizen developers.



Low-Code/No-Code Development is a Major Catalyst

Major SaaS vendors such as Microsoft, Salesforce, and ServiceNow all embed and promote low-code/no-code development in their offerings, bringing modern development capabilities directly to business-critical processes and data where business users already operate. Low-code/no-code development enables anyone to quickly and easily build applications, automations and integrations through model-driven or graphical programming that abstracts code.

As generative AI is folded into various low-code/no-code platforms, it only becomes easier and faster for everyone to create powerful applications. In fact, Gartner estimates that by 2025, 70% of new business applications will use low-code/no-code technologies. Already, low-code/no-code has enabled major digital transformation initiatives, such as:

- Expediting pharmaceutical experiments by transforming data collection and processing
- Efficiently building quick-loan applications and mortgage comparison mechanisms for financial service organizations and insurance companies
- Transforming manufacturing from being reliant on legacy on-premises infrastructure into leveraging hybrid, cloud, without needing professional developers
- Implementing an application that provides safe and healthy check-ins for employees at company HQ during the pandemic

Low-Code/No-Code Development is a Major Security Challenge

There are several things security practitioners should be mindful of when approaching low-code/no-code development:

- People use low-code/no-code development platforms whether you know it or not, resulting in a new wave of shadow IT and shadow application development
- Business users lack the technical and security know-how that is more commonly practiced by professional developers and members of IT
- Due to the speed and volume at which applications are developed, there are no official standards for the Software Development Lifecycle (SDLC) that apply to low-code/no-code development
- Resources built using low-code/no-code platforms can unknowingly access, transfer, and process sensitive data

The lack of organizational oversight and security of low-code/no-code development can lead to data exfiltration, account impersonation, mishandling of sensitive information, and much more.

90%

Low-code/no-code platforms can reduce the development time by 90%

4X

by 2023 large enterprises will have 4x more citizen developers than professional developers

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https://www.gartner.com/en/newsroom/press-releases/2021-11-10-gartner-says-cloud-will-be-the-centerpiece-of-new-digital-experiences

Zenity: Securely Empower Low-Code/No-Code Development

The Zenity platform is built from the ground up with a security-first approach centered on three pillars: Discovery, Risk Assessment, and Governance. With SOC 2 Type 2 and GDPR compliance, Zenity's agent-less platform is uniquely positioned to help enterprises unleash modern application development, and are comprised of the following products:

Application Security Posture Management

Zenity provides centralized visibility and inventory of all applications, automations, workflows, integrations, and any artifacts that are created across low-code/no-code platforms. Zenity provides context enrichment on the resource-level, illuminates configuration best practices, identifies default settings leading to issues, discovers unused and unowned resources to help avoid unwanted charges and unmanaged resources that can be sitting ducks for attackers, and provides education for administrators and top builders throughout the low-code/no-code estate.

Development Governance

Zenity enables security and platform teams to design and implement a governance strategy for low-code/no-code development. This includes configuring guardrails to enforce automated actions based on risk, environment, and app usage. Zenity helps to eliminate risks without disrupting business by implementing playbooks, policies, and detailed triage steps.

Vulnerability Scanning

Zenity continuously identifies and analyzes low-code/no-code applications, automations, workflows, integrations, and more at the business-logic level. By combining context for how a resource is built, builder information, and common vulnerabilities, Zenity automatically categorizes risks associated with each resource by mapping them to popular frameworks like OWASP Top 10 and MITRE.

Sensitive Data Scanning

Zenity identifies and helps understand where sensitive data lives, and which low-code/no-code resources interact with sensitive data. This includes detecting any application that processes, stores, transfers, or exposes sensitive data such as personally identifiable informatio (PII), protected health information (PHI), financial information, and more across your low-code/no-code platforms with actionable timely alerts, automatic actions, and playbooks.. Without proper safeguards, this data could be accessed by unauthorized users, resulting in security breaches, data leaks, and/or failed audits.

Software Composition Analysis

Zenity provides the first-ever third-party dependency analysis and SBOM for low-code/no-code development, allowing the identification of all third party components that are used in each application, automation, and integration that are created by professional and citizen developers.

Secrets Scanning

The Zenity platform continuously scans all low-code/no-code resources looking for hard-coded credentials. Zenity provides both automated and guided mitigation steps to prevent unauthorized users from using these credentials to access additional resources and easily exfiltrate data.

Entitlements Management

The Zenity platform continuously monitors permissions within resources created using low-code/no-code platforms to enforce least privilege. Zenity helps understand user accounts and relative activities with centralized, cross-platform insights. Zenity can determine how many users a resource is shared with, assess whether external users have access, identify implicit sharing, and more.

Flow Analysis

Zenity is able to continuously look at, and analyze all flows stemming from low-code/no-code development to determine how all data is moved. This takes into account what data is taken outside of the corporate environment into personal accounts, external users, etc., as well as what applications and automations are processing what data.

Detection and Response

The Zenity platform provides continuous detection of suspicious activity, including full context for all developed resources that are simultaneously prioritized based on risk and business criticality. Zenity provides automated playbooks and triage steps to respond to threats in real-time without disrupting business operations that help to maintain compliance, reduce risk, and optimize business continuity.

Hygiene Analysis

Zenity, the world's first and only company focused on low-code/no-code security and governance, protects organizations from security threats, helps meet compliance, and enables business continuity. Established in 2021, many of the world's leading organizations trust Zenity to help configure security guardrails, generate prioritized lists of vulnerabilities, and accurately pinpoint and remediate vulnerabilities by continuously scanning all connected low-code/no-code platforms with centralized visibility. For more information, visit us at https://www.zenity.io.

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