HCL AppScan

Comprehensive, AI-Powered Application Security for Modern Development

Modern application development is a race for innovation and speed to market, but it also creates new risks that directly threaten revenue, reputation, and customer trust. Applications now account for approximately 25% of cyberattacks, while APIs, open-source components, and AI integrations create blind spots that traditional security tools cannot penetrate, dangerously expanding the attack surface. In this environment, treating security as an afterthought is no longer acceptable. DevSecOps, which integrates security into every phase of the development lifecycle, has become a strategic imperative for business continuity.

The current threat landscape can be more clearly understood with the following data:

- **Growing Market:** The global application security market was valued at USD 32.38 billion in 2023 and is expected to reach USD 73.59 billion by 2031. This demonstrates the increasing importance of investment in cybersecurity.
- **Software Supply Chain Risk:** 97% of modern applications contain open-source components. This creates fertile ground for supply chain attacks. Gartner predicts that 45% of organizations will experience a software supply chain attack by 2025.
- **API Explosion:** API security is now a C-level priority at 46% of companies. Yet despite this awareness, only about 7.5% of organizations have mature, comprehensive API testing programs.
- **AI Impact:** 61% of organizations are leveraging artificial intelligence (AI) and machine learning (ML) technologies for threat detection and defense. Meanwhile, the integration of generative AI (GenAI) into applications is creating new and complex vulnerabilities, such as prompt injection.

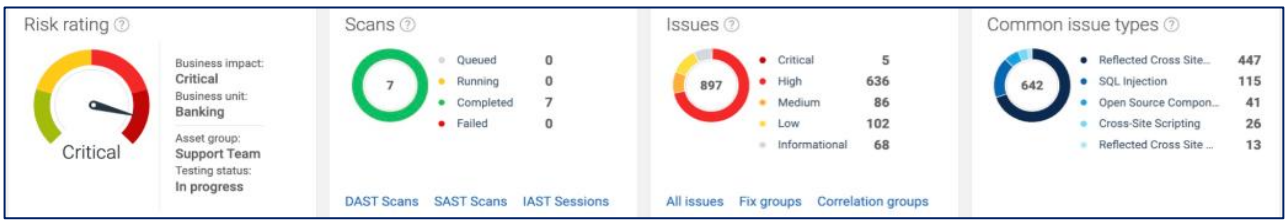
In this complex threat landscape, organizations need proactive, integrated, and intelligent security solutions to strengthen their security posture without sacrificing innovation and speed to market.

HCL AppScan Advantages: Why Choose Us?

What sets HCL AppScan apart isn't just its technological advantages; it's how these capabilities translate into strategic differentiators that solve today's most critical business problems. Our platform is designed to eliminate tool complexity, increase developer productivity, manage increasing compliance pressure, and ultimately transform security from a barrier to innovation into an accelerator.

- **Full Lifecycle Protection** AppScan secures the entire software supply chain, from code to cloud. It provides policy-based, automated security solutions for all components of modern applications, including APIs, containers, open-source components, and infrastructure as code (IaC).
- **Our Automatic Issue Correlation** Platform enriches results by intelligently combining findings from DAST, SAST, and IAST. This grouping of disparate findings that point to the same underlying vulnerability into a single issue reduces remediation tasks and frees up developer time. It also validates the effectiveness of the fixes.
- **Flexible Deployment Models** We understand that every organization has unique needs. That's why AppScan offers a wide range of deployment options, including public cloud, private cloud, on-premises, air-gapped, and hybrid environments. This flexibility allows you to meet your data sovereignty and compliance requirements.
- **Industry Leader Recognition** HCL AppScan's leadership has been confirmed by the industry's most respected analyst firms. Our platform has been recognized as a "Leader" in the Gartner Magic Quadrant (2021, 2022) and the IDC MarketScape (2022). It also received the 2022 Gartner Peer Insights Customer Choice award, based on user experience.

These cutting-edge capabilities demonstrate how HCL AppScan adds value to every phase of the DevSecOps lifecycle and can transform your organization's security posture.



Security at Every Stage of the DevSecOps Lifecycle

In modern software development, security is not a control step implemented after development is complete; rather, it is an organic process that must be integrated into every stage of the lifecycle. Building on this "shift-left" philosophy, HCL AppScan offers custom-designed solutions for every step of the DevSecOps cycle, from the earliest stages through operations and monitoring. This makes security an integral part of speed and quality.

Below is a summary of how HCL AppScan integrates into different phases of the DevSecOps lifecycle:

» Plan & Code: It allows developers to scan for and fix vulnerabilities as they write code. Builds secure coding habits with real-time feedback. **Related Products:** HCL AppScan CodeSweep, HCL AppScan Source.

» Build & Test: It integrates with CI/CD processes to automate static (SAST), dynamic (DAST), interactive (IAST), and software component analysis (SCA) testing. This enables detection of vulnerabilities before they are released into production. **Related Products:** HCL AppScan on Cloud, HCL AppScan 360º, HCL AppScan Enterprise.

» Publish & Distribute: Identifies new or existing security risks by continuously monitoring and testing running applications and APIs. Continuously validates security posture. **Related Products:** HCL AppScan Standard, HCL AppScan Enterprise.

» Operate & Monitor: Monitors live applications and APIs, provides automatic issue correlation, and provides contextual information based on runtime behavior. **Related Products:** HCL AppScan IAST, HCL AppScan API Security.

This seamless integration throughout the lifecycle is supported by a core suite of best-in-class testing technologies, each specifically designed to find specific vulnerabilities at the most appropriate stage.

Our Core Security Testing Technologies

A comprehensive application security strategy requires multiple testing methodologies to uncover different types of vulnerabilities. HCL AppScan combines the industry's most advanced testing technologies into a single, unified platform, providing in-depth security analysis at every layer of applications.

SAST (Static Application Security Testing)
It's a "white-box" testing method that analyzes the application's source code without running it. It finds errors in the early stages of the development process.

Abilities:
- AI-powered accuracy
- Support for more than 30 languages code
- Secrets scanning
- Correction suggestions

DAST (Dynamic Application Security Testing)
A "black-box" testing method that tests a running application from the outside. It mimics a hacker's approach.

Abilities:
- Incremental scanning and testing optimization
- Web API scanning
- 100% coverage for OWASP Top 10 and OWASP API Security Top 10
- Advanced XSS analyzer

IAST (Interactive Application Security Testing)
It is a hybrid method that combines the strengths of both SAST and DAST by running inside the application. It monitors runtime behavior.

Abilities:
- Monitoring live applications and APIs
- Automatic issue correlation
- API discovery
- Patented solutions for Java and .NET

SCA (Software Component Analysis)
Detects known vulnerabilities and license compliance issues in open source and third-party libraries used in the application.

Abilities:
- Open-source analysis
- Container scanning
- Creating a Software Bill of Materials (SBOM)

This powerful, integrated technology stack enables leading organizations worldwide to secure their most critical applications, and this has been proven through their own experience.

Don't Postpone, Act

In the face of increasingly complex cyber risks, waiting is the costliest option. By combining HCL AppScan's AI-powered, comprehensive, and developer-friendly protection with BBS's local expertise, you can proactively strengthen your application security posture, minimize your risks, and confidently focus on innovation. Meet our expert team, and let's design solutions specifically for your business together.