# CONTRAST SECURITY

WELCOME TO THE ERA OF SELF-PROTECTING SOFTWARE

Contrast Enterprise is the only product that can defend an application portfolio throughout the entire software lifecycle. Contrast protects applications from attacks, helps development teams eliminate vulnerabilities and provides visibility to unlock threat intelligence. No code changes or security experts are required to keep applications secure.

Contrast fully integrates vulnerability assessment with attack monitoring & protection into one seamless solution.
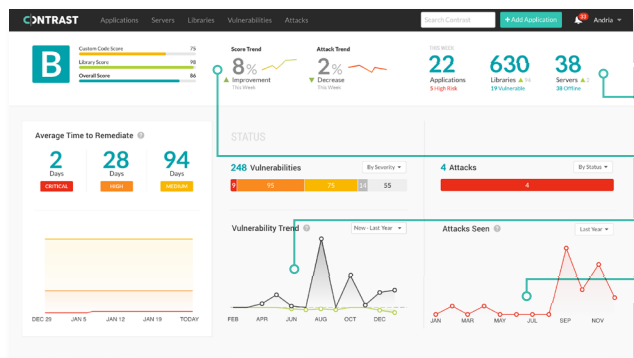
Application Risk Analytics and Visibility

Run-time Custom Code and Library Analysis

Highly Accurate Vulnerability Detection

Detect Attacks and Deploy Protections

MULTI-LAYERED DEFENSES

Contrast Enterprise provides three layers of defense: Protection, Assessment and Visibility. These layers are integrated to deliver continuous and complete protection for the entire application portfolio.

01 PROTECTION

Contrast Protect provides unparalleled defense from within the application, viewing attacks the same way the application sees them. No network changes are required and, protection stays with the application wherever it is hosted.

- Deploy **CVE Shields**, powerful out-of-the-box defenses that protect vulnerable libraries from exploitation.
- Employ **Protection Rules** to defeat entire classes of attacks, like SQL Injection or XSS, and to protect against zero-day exploits.
- Use **Virtual Patches** to shrink the window of opportunity for hackers to reach newly discovered vulnerabilities until they can be properly patched.
- Enable **Bot Blocker** to automatically block bots and scanners from reaching applications.

02 ASSESSMENT

Contrast Assess is the most accurate vulnerability analysis product ever created. Contrast operates transparently to automatically discover vulnerabilities in real-time across development, test, and production, without requiring experts, source code, or process changes.

- Insanely accurate **Vulnerability Analysis** driven by patented deep security instrumentation provides actionable guidance in real time.
- Full **Software Composition Analysis** analyzes third party libraries and frameworks for both known and unknown vulnerabilities.
- Automatic **Software Architecture** supports threat modeling and strategic security defenses.

03 VISIBILITY

Contrast Enterprise enables organizations to experience full application security visibility without disrupting development or operations. Unlock the intelligence hidden in applications to secure the application attack surface.

- Capture highly accurate **Application Threat** Intelligence and attack data.
- Enable **Custom Security Logging** without modifying application code.
- Leverage **Security Analytics** using the Contrast TeamServer, or integrate directly into a SIEM.

CONTRAST
SECURITY

KEY FEATURES

Get started with Contrast Enterprise in minutes. Simply add the Contrast agent to any application server and it starts working within minutes. The agent reports to the Contrast TeamServer, available either as a cloud service or deployed on-premise.

Attack Protection

Deploy out-of-the-box CVE Shields to immediately protect vulnerable libraries, and Protection Rules to block entire attack categories, like SQL injection, all in real-time with virtually no false positives.

Real-time Vulnerability Detection & Expert Guidance

Contrast Enterprise monitors Java and .NET code execution, data flow, configurations and more, to quickly find dangerous vulnerabilities with virtually no false positives. Code-level pinpointing eliminates guesswork, while context sensitive guidance enables quick remediation.

Attack Visibility

Contrast Enterprise patented deep security instrumentation enables application reporting where none existed before. Contrast Enterprise identifies and logs all attack events for integration with third party log management and SIEM solutions. Additionally, users can define custom logging parameters for deeper insight and analytics.

Software Supply Chain Analysis

As much as 80% of application code comes from open source and third-party libraries. Contrast Enterprise automatically discovers third-party libraries, alerts to the known (and unknown) risks they may bring with them, and provides critical versioning and usage information that helps remediate risks.

Portfolio-class Scalability

Contrast Enterprise transparently automates application security to support application portfolios of virtually any size. New applications are discovered automatically as they are run. Executive-level portfolio dashboards display the entire portfolio security posture in real-time.

Agile Speed and Seamless Automation

Continuous integration and deployment require fast and continuous security. Scriptable silent installers, automated updates, and a REST API enable Contrast to deliver security as fast as applications change.

SaaS or On-site Deployment

It takes minutes to go from zero to resolving application security issues using the Contrast SaaS service. Contrast Enterprise may also easily be hosted and administered on-site, enabling a completely administered private service.
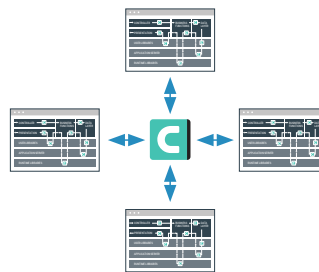
Non-intrusive Agent

Contrast Enterprise uses modern agent technology that instruments without impacting production application performance. Instrumentation is done at runtime, so no code changes are required. Agents integrate transparently into the build process to not disrupt application development or deployment.

HOW IT WORKS

Contrast Enterprise agents use patented deep security instrumentation to deploy sensors that identify vulnerabilities and block attacks with pinpoint accuracy from within applications. Contrast delivers unprecedented visibility and protection of custom code, libraries, frameworks, configuration files, and runtime data flow.
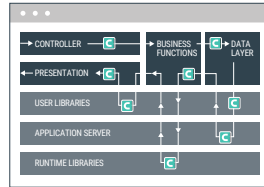
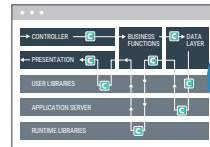CONTRAST AGENTS ADD SECURITY SENSORS **INSIDE** APPLICATIONS

AGENTS RELAY **CONTINUOUS** SENSOR DATA TO THE CONTRAST PLATFORM

IN DEVELOPMENT AND QA, SENSORS PROVIDE THE MOST **ACCURATE** VULNERABILITY ASSESSMENT

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IN PRODUCTION, SENSORS PROVIDE VISIBILITY AND **ACCURATE** ATTACK DEFENSE IN REAL TIME

CONTRAST **SCALES** ACROSS YOUR ENTIRE APPLICATION PORTFOLIO AND STAKEHOLDERS

YOU'VE ARRIVED AT THE ERA OF **SELF-PROTECTING** SOFTWARE