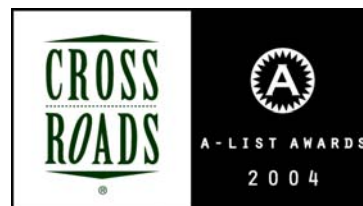


**Kavado**  
New York, NY

### **ScanDo**

➤ Web Application Security Scanner



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#### **CUSTOMERS AT WORK**

A government agency and three financial services firms served as reference customers for Kavado. Common strategic objectives included:

- Safeguarding Web applications that use customer-confidential or otherwise sensitive information
- Demonstrating a repeatable security process to regulators, auditors, major customers and key constituents
- Fostering a culture of security in the applications development organization

#### **WHY KAVADO SCANDO?**

ScanDo is a Web application scanner that identifies Web application threats that could expose sensitive data to theft or destruction by hackers. ScanDo utilizes a wide array of hacking techniques to reveal vulnerabilities, and enables technical staff to explore their ramifications. Graphical and textual reports facilitate management and communication both internally and with suppliers or business partners whose code is incorporated into a Web site. After ScanDo provides the warning, vulnerabilities can be fixed prior to deployment, either by the security organization or by the developers. ScanDo can readily be extended to support emerging technologies and vulnerabilities. ScanDo also integrates with the optional Kavado InterDo Web Application Firewall to generate optimized security policies for previously deployed applications.

#### **COMPANY INFO**

Kavado is a private company with about 50 employees.

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[www.kavado.com](http://www.kavado.com)

#### **BUSINESS IMPACT**

*Near-term value:* Well aware of the costs of various security incidents — from lost revenues per minute of downtime to incalculable damage to brand image to catastrophic results for national security — Kavado customers say ScanDo is invaluable insurance. In the past, it had been especially challenging for internal teams to keep pace with the flood of new vulnerabilities and to bulletproof their own applications, let alone to police partners' applications incorporated into the portal. With ScanDo, defenses are always current. There is a practical, factually based approach to assessing all applications.

*Enterprise innovation:* Kavado ScanDo is typically introduced by the security organization as a risk management or regulatory compliance activity. Kavado customers quickly came to understand the benefits of moving the use of ScanDo into the development organization, where security issues can be nipped in the bud.

*Technology gains:* Kavado ScanDo diminishes risk by helping organizations enforce a positive security model in which permitted application behaviors are specified, and all other application behaviors are disallowed. The positive security model is mandatory nowadays, Kavado customers insist, because the Web Services standards UDDI and WSDL make it easier for hackers to find vulnerabilities in poorly written applications. Thus, they reason, the firewall must be aware of the application schema and must enforce only permitted behaviors. Kavado customers are accomplishing this by using ScanDo to configure the InterDo Web application firewall.

#### **SUCCESS FACTORS**

*Project strategy:* Even for outstanding in-house development shops, ScanDo is likely to identify quite a long list of action items. Take time to consider the method you will use to track, prioritize and manage the process of remediating the vulnerabilities. Work with the business side of the house to discuss the procedure for dealing with vulnerabilities in partners' linked code. A word to the wise: involve the development group in the scanner selection from the get-go.

*Resources:* ScanDo is easily justified. It will typically identify a hole big enough to drive a truck through on the first pass, so payback can often be achieved during the evaluation or pilot period.

*Skills:* ScanDo is appropriate for those with Java skills in the Windows, Unix or Linux environments.

*Fit:* Kavado customers say ScanDo is a new necessity for organizations that execute critical business processes over the Web.

*Published:* May 2004

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#### **ABOUT THE CROSSROADS A-LIST AWARDS**

The Crossroads A-List identifies the best newly proven IT products and services transforming business today. Winners are determined after an analysis of the vendor's strategy followed by confidential, in-depth interviews with early adopters.