CyberSense® Enterprise Scanner 2.0

Configuration Assurance. Server Hardening. Vulnerability Assessment. Compliance.

CyberSense Enterprise Scanner (CyberSense ES) delivers flexible, efficient and easy to manage security and compliance control:

- Assess the precise configuration of Windows, Unix and Linux servers, desktops and laptops
- Check patch states, registry settings and AV signature versions
- Check for known vulnerabilities and vulnerable applications
- Assess user structures, privileges, file permissions and security control settings
- Assess compliance with industry security standards and best practice, as well as to customer defined standards
- Compare current compliance states with previous states
- Generate inventories of hardware components, software packages, installed services and open ports
- Edit and manage security scan policies and individual checks. Even add bespoke checks!

Use the intuitive and configurable web based user interface to:

- Connect to Active Directory, select systems to be scanned, allocate targets to the credential store, start scanning
- View and drill down through scan results interactively, using built-in visualisation features
- Run ad-hoc interactive scans or automated scans and reports
- Manage scan policies and the Credential Safe
- Track issues and remediation progress

In today's ever escalating IT threat landscape of zero day exploits, insider threats and organised cyber attacks, Assuria's suite of cyber defence products allow you to strengthen cyber defences, quickly identify attack vectors, assign appropriate threat levels and remediate the residual risk.

CyberSense ES enables easy assessment and optimisation of system configurations, patch levels, file permissions, user privileges and security control settings, allowing system administrators and security operations staff to maintain their IT systems in a known and trusted state.

CyberSense ES is an intuitive web based enterprise security configuration assurance and policy compliance solution, which is easy to deploy and manage, even without specialist skills.

CyberSense ES quickly assesses the security state of IT systems and provides comprehensive, plain language advice on fixing security flaws and removing compliance failures.

CyberSense ES seamlessly manages agent and agent-less deep scanning, providing optimum operational flexibility. Its ease of deployment and intuitive browser based user interface brings enterprise class security management to organisations of any size, even those with limited IT security skills or resources.

Whether it's snapshot views of system configurations that you need (maybe for compliance purposes), or automated deep configuration scans, CyberSense ES delivers the scanning level that's needed, in one solution.

Figure: CyberSense User Interface

CyberSense Enterprise Scanner 2.0

CyberSense ES Key Features:

Role Based Access Control (RBAC). Flexible data and operational RBAC provides fine grained control over functional roles and segregated data views, to meet the operational needs of operating organisations and service companies of all kinds.

Agent Optional. CyberSense ES provides a powerful blend of agent based and agent-less scanning modes, depending on which approach is most appropriate.

Where high levels of integrity and automation are needed, CyberSense ES uses powerful, self-contained and unobtrusive software agents. Resident agents are especially important in virtualised environments.

Where agent-less scanning is preferred, CyberSense ES uses secure, credentialed remote scanning, using the same checks and policies as agents. Agent based and agent-less operations run seamlessly side by side.

Built-in Knowledge Base. Delivered with a comprehensive security knowledge base of more than 2500 configuration and vulnerability checks (not just OVAL definitions), patch checks and best practice policies, CyberSense ES detects potential vulnerabilities, assists with assessment of risk and recommends steps required to mitigate those risks.

Internal Policy Compliance. As well as monitoring compliance with external standards and accepted best practice in security configuration, CyberSense ES allows users to adjust scan policies to match the specific requirements of internal security policies.

Comprehensive Reporting. Executive, management and technical reports are provided, identifying security weaknesses, poor configuration, missing patches and compliance issues, along with detailed remedies and advice. Report customisation features allow tailored reporting and report exporting.

Virtualised environments. Assuria CyberSense ES is fully compatible with virtual environments, both VMware and Hyper-V. The built-in security knowledge base includes virtualisation checks within specific operating platforms, and VMware ESX and ESXi platforms can be scanned directly.

Assuria Auditor compatible. Scan targets using current Assuria Auditor agents. CyberSense ES is fully compatible with current Assuria Auditor checks and policies, providing easy migration for existing Assuria Auditor customers.

GRC Support. Comprehensive Governance Risk and Compliance features not only support current methodologies but enhance them. CyberSense ES helps organisations meet standards such as ISO 27001, FISMA, SOX, PCI-DSS, GCSX CoCo, PSN CoCo and others.

Remediation Support. Detailed remediation instructions enable even inexperienced system administrators to quickly bring systems into compliance. Flexible reporting features also provide verification to satisfy auditor requirements.

Industry recognized CVE and BID references are provided. Additionally, with the included CVSS score support, organisations can ensure that the remediation process is based on irrefutable findings.

By combining CyberSense ES's deep systems scan capabilities and extensive reporting features, a world-class assurance program is created, delivering certifiable results.

CyberSense ES Supported Platforms:

Server side platform support: Windows Server 2003, 2008.

Supported Browsers: Internet Explorer 6+, Firefox, Chrome and Opera.

Scanning targets (at first release):

Windows Server 2003

Windows Server 2008/2008 R2
Windows Server 2012/2012 R2

Windows 7

Solaris SPARC 7, 8, 9, 10, 11

AIX 5.1+, 6.1

HP-UX – PA-RISC 11+

HP-UX – ITANIUM 11+

Red Hat Enterprise Linux 5 & 6

SUSE Enterprise Linux 10 X86

VMware ESXi 4.x

Assuria Limited, Reading Enterprise Centre, University of Reading, Earley Gate, Whiteknights Road
Reading RG6 6BU, UK. +44 118 935 7395 www.assuria.com