SureCloud®

VULNERABILITY MANAGER

Vulnerability Management is an important part of any mature security programme, whether driven by best practice, regulatory compliance or third party mandate. Risk mitigation is underpinned by an ability to identify threats and implement the appropriate protection.

SureCloud's Vulnerability Manager provides organisations with the ability to effectively discover vulnerabilities and provides simple solutions for risk reduction. It achieves this with in-built processes that deliver structure and translate vulnerabilities from severity rankings into an understanding of the level of business risk.

Vulnerability Manager complies with PCI DSS requirement 6.1.a, 6.2, 6.6, 11.2.1, 11.2.2.

Solution Overview

SureCloud's Vulnerability Manager combines automated vulnerability detection, using scanning technologies, with vulnerabilities discovered through penetration testing, using the penetration test management and import features. It is underpinned by a best practice vulnerability management process; supporting vulnerability discovery, prioritisation, remediation and verification. SureCloud Vulnerability Manager delivers a number of critical information security compliance benefits:

- Ability to assign business impact values to Business Assets, enabling results to be viewed in the context of business risk rather than simply vulnerability severity;

- A uniform view of current security posture – all authorised personnel will be able to see the same vulnerability information at any point in time;
- Flexibility to produce additional management and technical reports – from detailed vulnerability findings through to system or domain-wide reports.

The core components are:
- Vulnerability Scanning;
- Penetration Test Results Management;
- Actions and Workflow.

Vulnerability Scanning

The vulnerability scanning solution has comprehensive vulnerability management capabilities to support standards such as PCI DSS and ISO27K. It offers the following features:
- Perimeter and internal, network and application layer scanning;
- Payment Card Industry Approved Scanning – SureCloud is PCI Approved Scanning Vendor;

- System configuration auditing against policies – providing an automated solution for server and firewall auditing – PCI Requirement 2.2;
- Data discovery scanning in support of PCI DSS compliance mandatory requirement.

Tel: +44(0)1189 637999   **Email:** sales@surecloud.com   **www.surecloud.com**

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The agentless scanning engine currently performs security checks covering over 42,000 vulnerabilities and configuration issues across a broad range of operating systems, services and applications. Intelligent post-scan processing reduces false positives before results are presented to the end user.

Other benefits include:

○ Excel/PDF tailored scan reports with trending;

○ Auto-update on vulnerability status as issues are resolved;

○ Full audit trail;

○ Pre-configured safe scan templates;

○ Consultant enhanced solution descriptions.

For those organisations with a preferred scanning engine, the results can be imported for integration with penetration test results.

## Penetration Test Results Management

The Vulnerability Manager has dynamic reporting and a remediation process for penetration test results management providing the following key benefits:

○ Tabular and graphical presentation of test output including root cause analysis;

○ Import facility to integrate third party test results;

○ Ability to trend across tests and test providers;

○ Integrated consultant-based support facility.

Vulnerability Manager overcomes the traditional issue with penetration test results being delivered in a static PDF format, which makes it difficult to manage vulnerabilities through an easy to track, repeatable remediation process.

Actions & Workflow
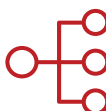
SureCloud Vulnerability Manager features platform-wide Actions functionality. This allows activities such as verification or remediation to be allocated to individuals or groups within or outside the organisation.

Key features include:

○ Integrated workflow enables tasks to be tracked through the vulnerability management process to completion and the ability to set reminders ensures timely responses;

○ Automated Actions can be configured to alert key personnel to important issues on critical business assets;

○ Central Actions Dashboard shows real time status and highlights any areas that may require further attention;

Module	Collaborative Compliance Platform™			
	Vulnerability Manager	Event Manager	Wireless Manager	Compliance Manager
Intelligent Action	• Alerts • Actions • Reports	• Alerts • Actions • Reports	• Alerts • Actions • Reports	• Alerts • Actions • Reports
GRC Processes	• Asset Classification • Remediation • Pen Test Management	• Monitoring • Analysis • Incident Response	• Monitoring • Analysis • Incident Response	• Compliance Management • Vendor Management • User Awareness
Assessment & Monitoring	• Vulnerability Scanning • Configuration Auditing • Data Discovery	• Log Management • SIEM • IDS	• Wireless IDS	• Consolidated Assessment & Monitoring Data

Making Compliance Simple and Affordable