

# Refense VMS™

## Federal Information Security Management Act (FISMA)

### FISMA Overview

FISMA is intended to provide a comprehensive framework for government agencies to improve security by ensuring the effectiveness of risk management processes by mandating reporting on security compliance with a set of internal controls. This means protecting information assets and systems from unauthorized access, disclosure, disruption, destruction, or modification to ensure the availability, confidentiality, and integrity.

FISMA requires each agency to develop, document, and implement an agency-wide information security program which includes some of the following security requirements and objectives:

- Federal agencies must periodically test and evaluate information security controls
- Reduction of information security risks to an acceptable level
- Ensuring information security is addressed throughout the lifecycle of each agency information system

Federal agencies must have security controls in place to prevent the disruption and or modification of data. Securing the network infrastructure, which is the IT foundation of every government agency, will assist in meeting this objective.

### A FISMA Compliant Network

FISMA compliance requires initial and regular risk assessments. Organizations must begin the FISMA process with an organizational risk assessment and then implement the required information security mechanism controls. Performing assessments on network devices is crucial as an insecure router, or mis-configured wireless access point could allow unauthorized access to sensitive networks, placing sensitive data at risk. Considering the critical function of firewalls, routers and switches and the blinding pace at which wireless networks are being deployed, an enterprise solution for securing these devices is required.

Refense VMS provides a scalable and automated method of reducing the security risk of network devices. Refense VMS enables government organizations the ability to quickly determine the vulnerabilities and assists in reducing risk and performing regular automated compliance scans.

Refense VMS assists in FISMA compliance by:

- Providing an automated network device vulnerability management solution
- Detecting threats & vulnerabilities within market leading network devices
- Providing detailed reports on non-compliant network devices
- Performing automated scheduled scans to support the continual process of auditing network devices
- Creating a security baseline of one of the most critical information assets, the network infrastructure



#### About Refense

Refense Technologies is a leading provider of vulnerability management solutions for network devices. The company develops solutions that address security concerns within network devices, the foundation of an IT infrastructure. With Refense VMS, organizations can proactively identify and mitigate threats and vulnerabilities within wireless and wired network devices.



Refense Technologies, Inc  
105 Brooks Ave  
Raleigh, NC 27607  
Phone 1.800.432.6187  
sales@refense.com  
www.refense.com