

## SECURITY SERVICES

## Integrity Monitoring Service (IMS)



### Overview

Cyber crime is one of the most critical threats to businesses today. Attacks are so widespread and complex that it has become impossible to detect them all manually. These attacks can cause downtime, or can create holes in system security for further breaches. They can eventually lead to financial losses, brand credibility problems, or regulatory compliance breaches.

### Integrity Monitoring Service (IMS)

The Savvis Integrity Monitoring Service (IMS) provides notification and alerts when specified files residing on a host computer are changed. If authorized by the customer, alerts are then responded on a 24/7 basis by Savvis' Managed Security Team.

IMS is best used to monitor files and directories that tend to remain static over time. The way it works is as follows: Savvis provides you with host-based software that computes a cryptographic hash of the data content of a specified directory or file. It forwards that hash to an integrity server at a secure Savvis facility. The integrity server compares that hash with the previously stored hash values for that same file — this is called an “integrity comparison.” Any detected difference in hash values means that the directory or file has changed.

### IMS Service Elements

- Monitoring of directories and files residing on a host computer, as specified by the customer.
- Up to 120,000 integrity comparisons per day of system critical files residing on a host computer.
- 40 hours per year of Incident Response (IR) Service in response to any detected security incidents. (The Incident Response Service is purchased separately).
- Expert consultation to determine which files or directories should be monitored.
- Secure and authenticated read-only access to integrity reports.

### Advantages

- Complements existing security solutions by providing another line of defense at the file level
- Lowers total cost of ownership by saving time and money on staffing and training
- Provides the capability to detect and respond to threats as they occur
- Supports multiple platforms for interoperability
- Helps satisfy security requirements



### **Savvis Managed Security Team**

IMS is monitored on a 24/7 basis by Savvis' world-class Managed Security Team for any potentially malicious or unauthorized activity. When an alert arrives, it is triaged by Savvis' Security Operations Center (SOC), who will determine if your network and/or application host is under attack, or has been breached. The SOC will then notify you and implement the incident response and cyber forensics plan created specifically for your business. Savvis' Intrusion Detection Services are configured and installed per your specifications, and are reviewed and updated on a semiannual basis.

Savvis' IMS helps you lower IT security costs by freeing up valuable staffing resources to focus on activities other than routine 24/7 alert monitoring. You don't have to install any additional hardware in your hosting environment for your organization to benefit from the service.

### **About Savvis**

Savvis, Inc. (NASDAQ:SVVS) is an outsourcing provider of managed computing and network infrastructure for IT applications. By outsourcing to Savvis, enterprises can focus on their core business while Savvis ensures the quality of their IT infrastructure. Leading IT organizations around the world have selected Savvis to help them improve their service levels, reduce capital expense and deal with the rising costs of bandwidth, energy, real estate, staff and expertise. As a pioneer in utility computing, Savvis understands and harnesses the latest advances in technology like virtualization, cloud computing and support process automation.

**For more information  
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