



# Achieving Compliance through Managed Security

Introduced by Nadine Dereza

Presented by John Ferguson  
Director of Product Strategy



Where it all comes together:

# What is Managed Security Services?

*The ongoing management and/or monitoring of variety of security technologies and solutions with the goal of providing operational efficiencies and/or analysis and interpretation of security related events.*

# Demand Drivers For MSS

## Cost

- + Less capital and operating budgets
- + Staff reduction
- + Increasing reliance on the Internet
- + Leverage existing investments

## Complexity

- + Increasing demand for connectivity
- + Heterogeneous network environment
- + Increased hacking attempts
- + Shrinking “vulnerability to exploit” window

## Compliance

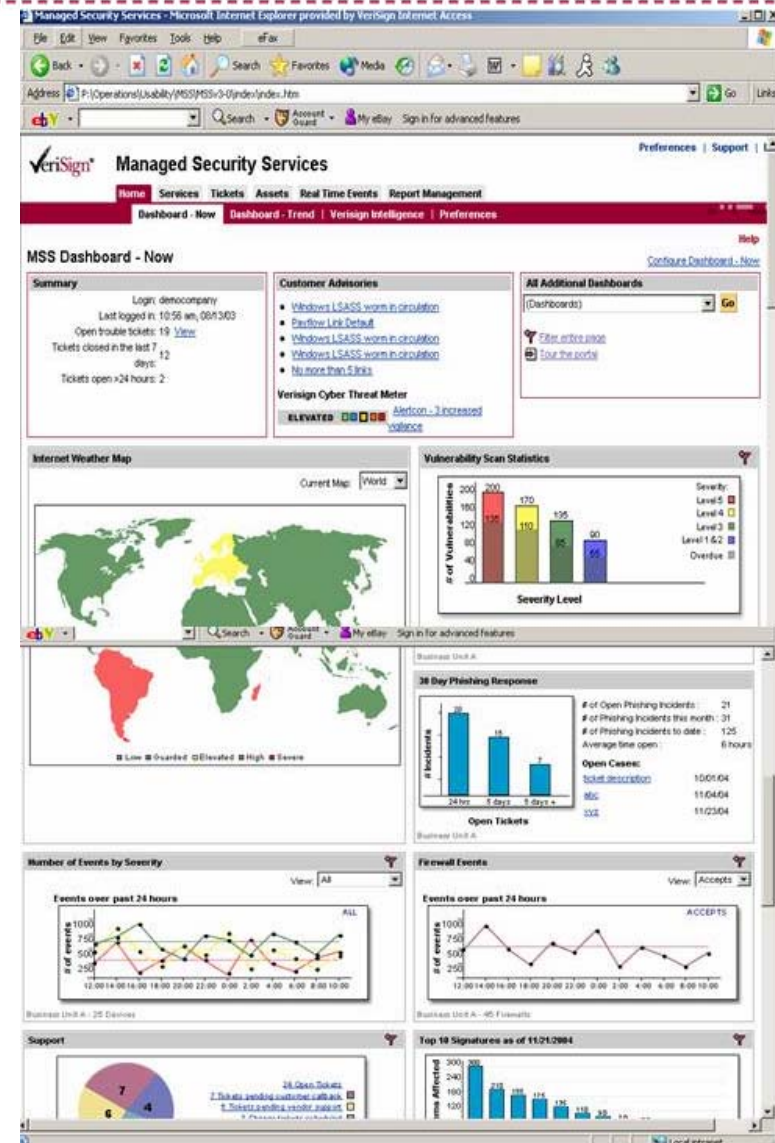
- + Sarbanes-Oxley
- + HIPPA
- + Gramm-Leach-Bliley
- + Privacy Acts
- + Payment Card Industry Standard

## Increasing Risks

- + Business disruption
- + Loss of revenue
- + Increased costs
- + Corporate Liability
- + Customer Trust
- + Shareholder Confidence































# VeriSign's Managed Security Services (MSS)


- + Managed Firewall and VPN
- + Managed Intrusion Detection (host and network)
- + Managed Intrusion Prevention (host and network)
- + Managed Vulnerability Protection Service (MVPS)
  - Vulnerability Assessment Services
  - Vulnerability Management Services
- + iDefense Security Intelligence Services
- + Email Security Service
- + Anti-Phishing Services
- + Incident Response and Forensics
- + MSS augmented by a full suite of consulting services
- + Log File Monitoring
- + Security Risk Profiling





# Current Security Services that Support Compliance

\*

	Global Security Consulting	Intrusion Detection	Firewall Monitoring	Vulnerability Management	Authentication and PKI
Sarbanes Oxley	 				
Gramm Leach Bliley	 				
HIPAA	 				
Payment Card Industry	 				
NERC (Energy)	 				

 Risk Analysis

 Required Control

 Policy Analysis

***Any solution should require documentation for the control expectations***

# New Services to Support Compliance

	Security Risk Profiling	Log File Monitoring
Sarbanes Oxley	 	 
Gramm Leach Bliley	  	 
HIPAA	  	 
Payment Card Industry	 	 
NERC (Energy)	  	 



Risk Analysis



Required Control



Policy Analysis

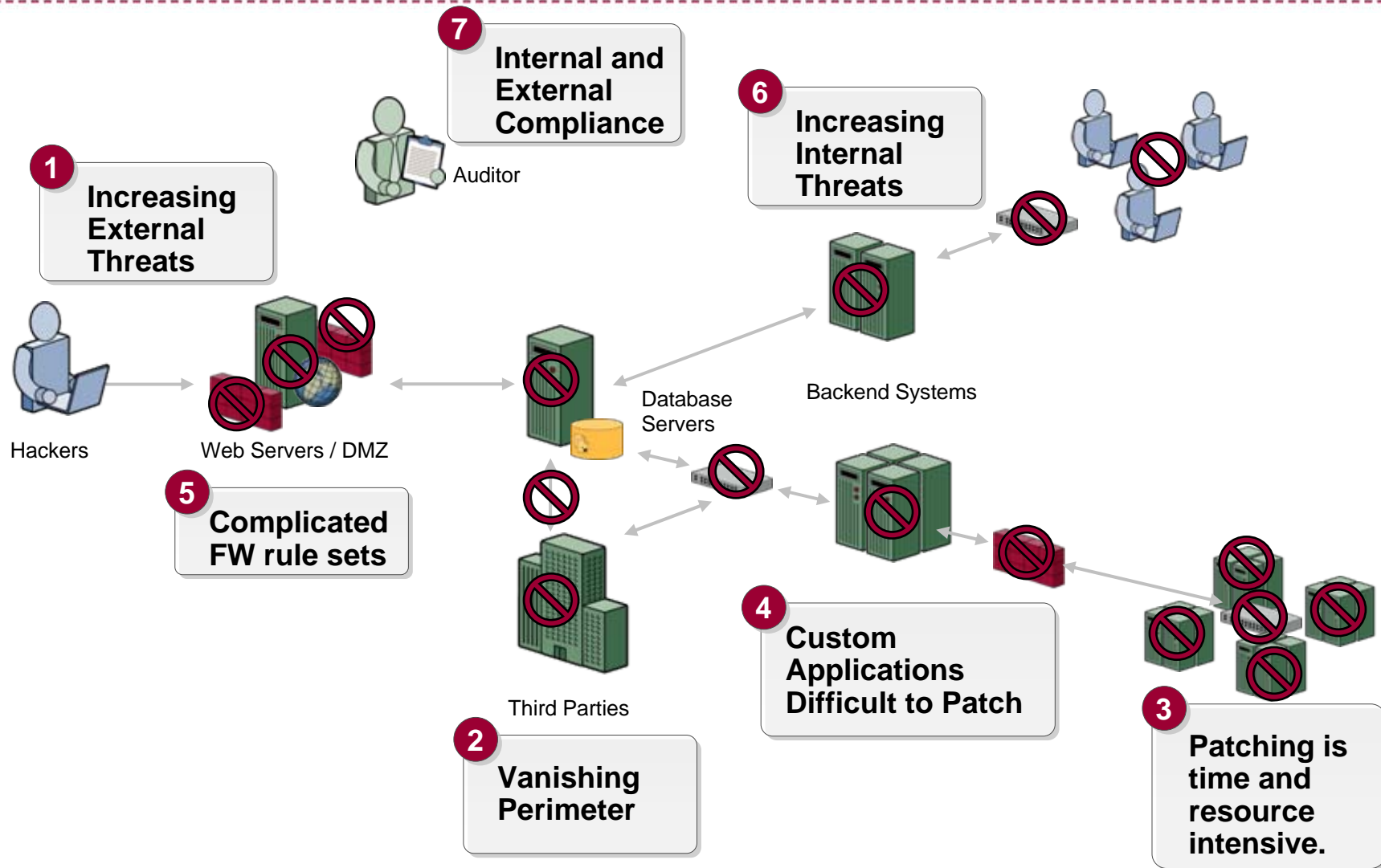
# How do Compliance and Risk Management Intersect?

- + Compliance is a type of risk
- + Most compliance / security regulations and requirements mandate a risk-based approach
- + All compliance regulations require ongoing risk monitoring / assessment
- + Adherence to risk management best practice standards makes compliance easier





# Information Security in the Real World = Uncertain Risk





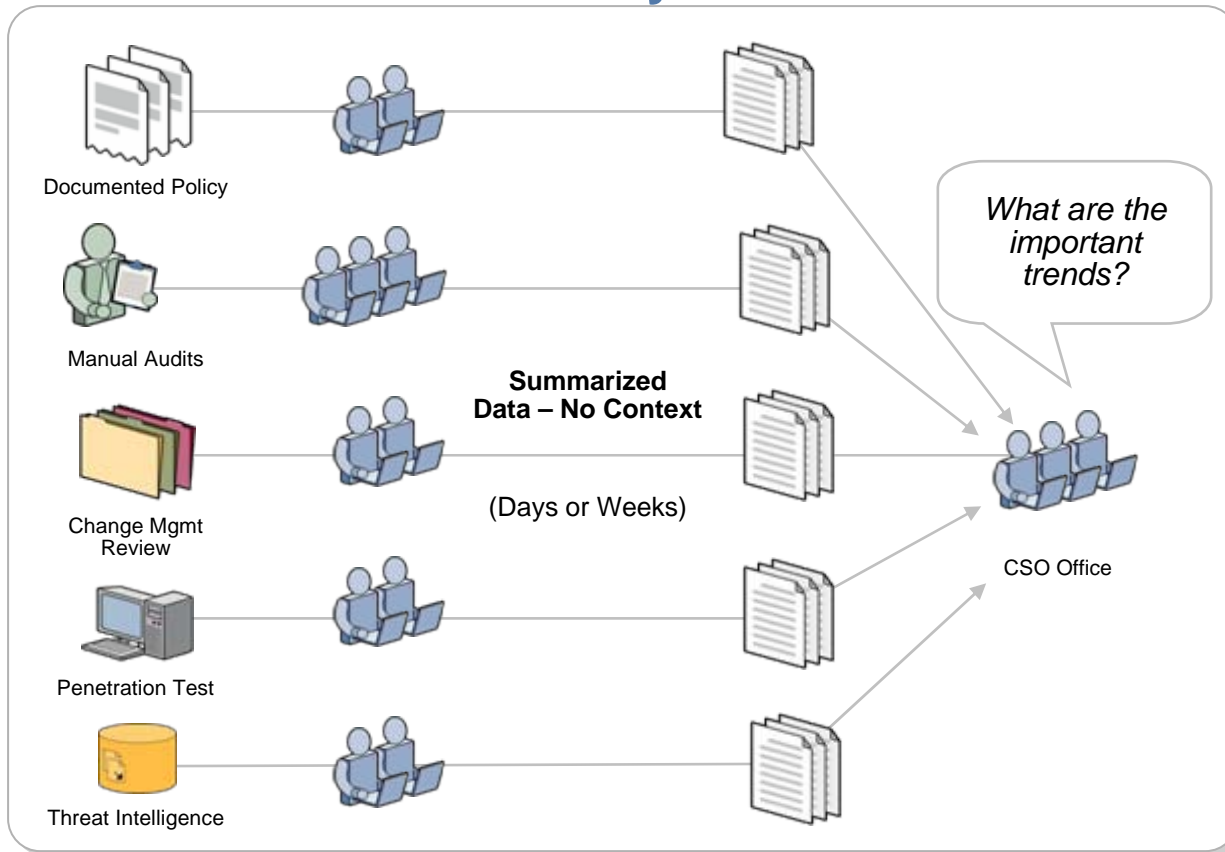
# Is Your Information Security Risk Being Managed?

## *Some questions to ask:*

1. Do you know your current level of risk exposure? Is it improving or getting worse?
2. Can you identify your top security risks including which assets are at risk and top violations?
3. How susceptible are you to the latest worm or virus outbreak?
4. Are you in compliance with your documented security policies?
5. How effective are your security initiatives and investments?

# Risk Management Methodology

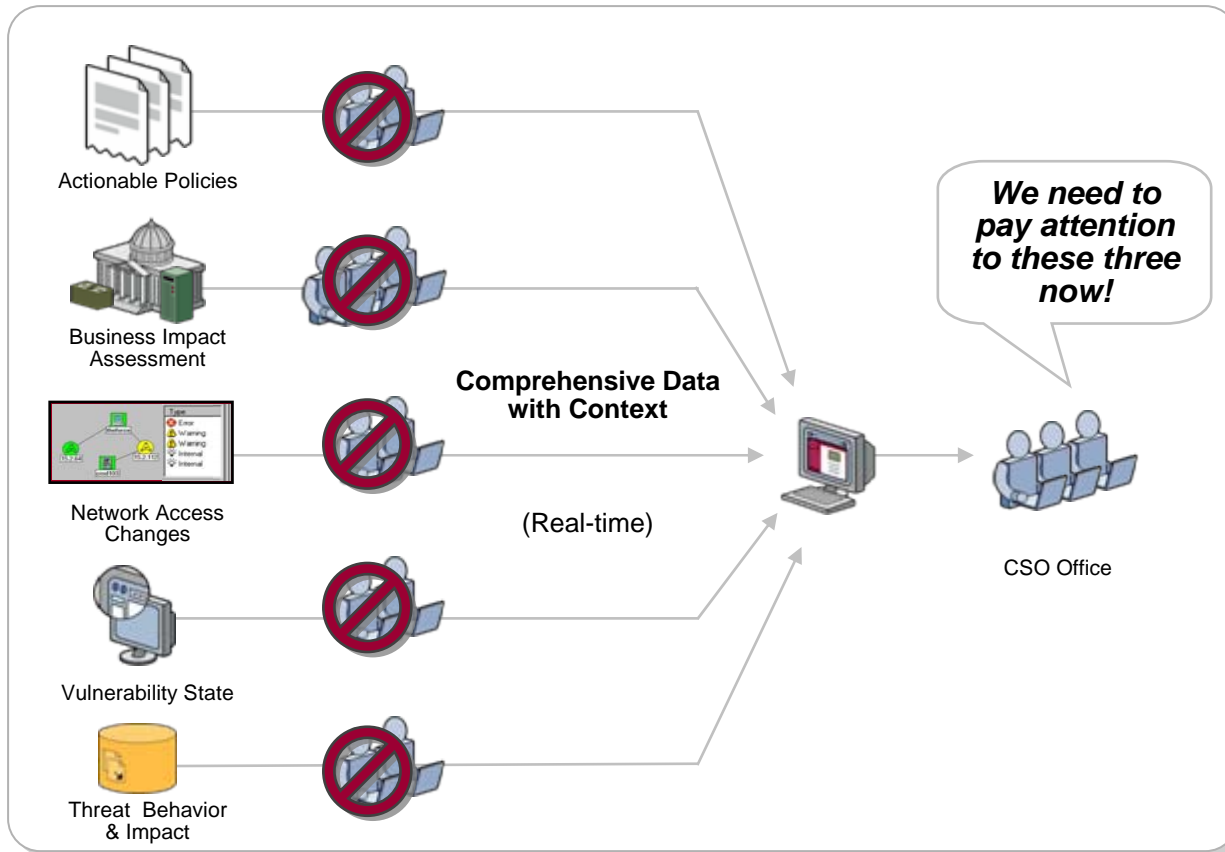
## Today



- + Point in time projects
- + Disparate activities in unconnected silos
- + Extremely labor intensive
- + Multiple outputs with little context
- + Decision-making is extremely difficult and highly reactive

# Risk Management Methodology

## What it Can Be



- + Information gathered in real time
- + Information consolidated from various sources
- + Analysis dynamically generated with minimal labor
- + Consolidated Analysis
- + Better, more proactive decision-making

# VeriSign Approach to Risk Management

## VeriSign Security Consulting

## VeriSign Managed Security Services

### Policy and Risk Level Baseline

- + Start with Best Practices Policy
- + Add custom policy rules
- + Identify critical applications, connectivity, and business impact values

### Model

- + Proposed network rule changes
- + System updates and changes, e.g. patches
- + Attack simulations and new vulnerabilities
- + Determine new exposures and changes in risk levels

### Analyze Business Risk

- + Link operational changes to potential business impacts
- + Deny or accept risk for compliance reporting and alerting
- + Audit results relative to internal standards and regulatory requirements

## VeriSign iDefense Security Intelligence Services

## VeriSign Managed Security Services

# Security Risk Profiling Service

*The service leverages industry-leading technology from Skybox Security and includes:*

## **Automated IT security modeling**

- To gain a complete network view that includes location of assets and all associated access paths.

## **Simulation and Visualization**

- To understand the impact of and better prepare for potential threats.

## **Business impact analysis and risk metrics**

- To help quantify the financial and operational impacts to help prioritize activities.

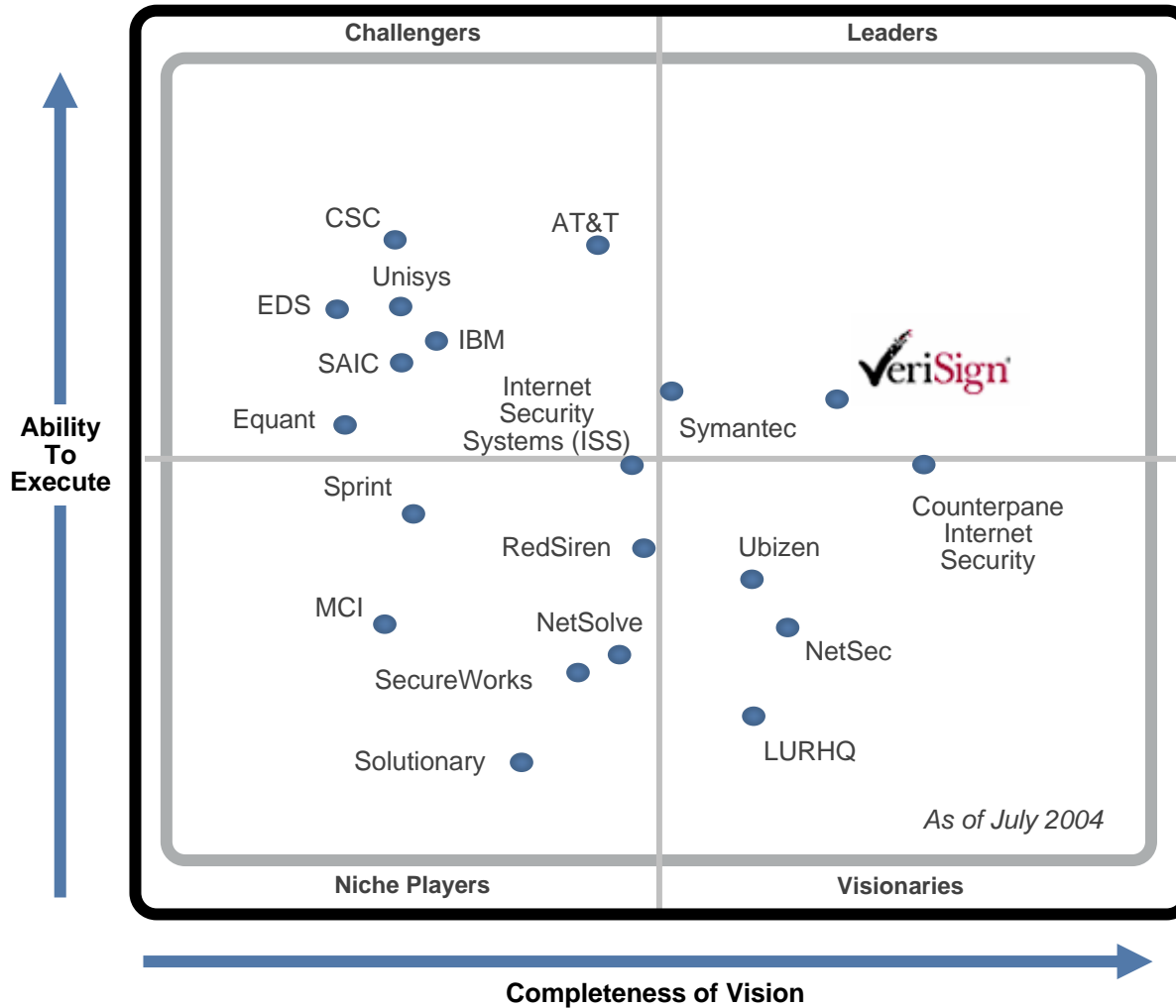
## **Early warning analysis**

- To immediately identify and understand the impact of threats as they emerge.

## **Regulatory compliance risk management**

- To understand whether you are in compliance with internal policies and external regulations.

# MSSP Magic Quadrant



Source Gartner Research

For a full copy of the report, go to: <http://www.gartner.com/reprints/guardent/118599.html>



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