



Assessing PCI Compliance with EMC Software Solutions

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Automate Your PCI Compliance Initiatives

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EMC Products and Solutions for Compliance

SAN Advisor and other products

- Storage domain
- More news coming in early 2008

IT Compliance Analyzer – Application Edition

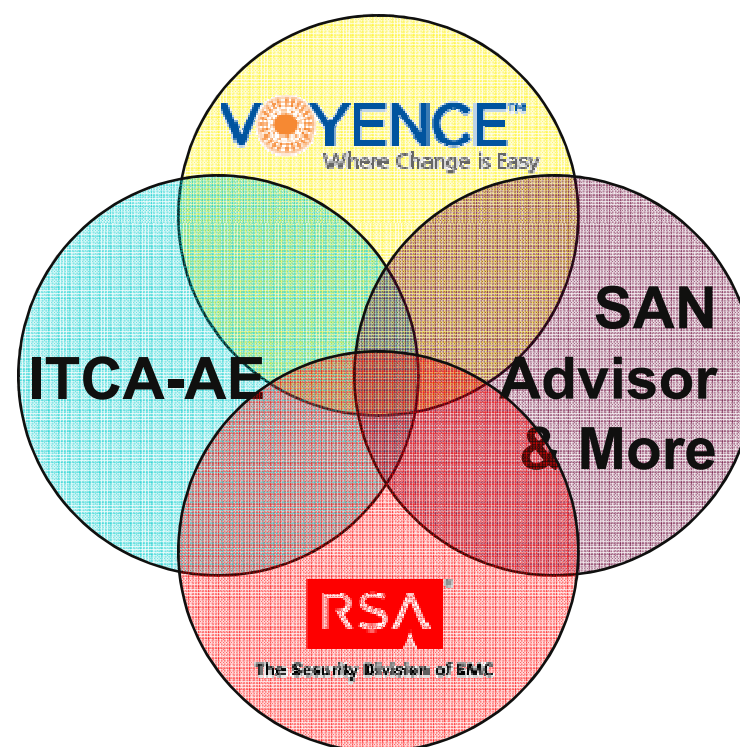
- Application domain

RSA has many products and services

- Now leveraging EMC tools

...and now Voyence!

- Network domain



EMC IT Compliance Analyzer—Application Edition

Policy-based Application Validation for IT Compliance

Automated, ongoing discovery in real time

- Leverages power of EMC Smarts Application Discovery Manager
 - Configurations
 - Changes
 - Interdependencies
- Performs analysis to determine application configuration validation
- Provides continuous analysis for ongoing IT compliance

Policy-based management

- User-defined policies (internal governance)
- Preconfigured policy templates (external regulatory – including PCI)

Real-time policy violation alerts

EMC IT Compliance Analyzer—Application Edition

Key Benefits

A proactive approach to IT compliance

- Run “what if...” scenarios
- Address compliance violations before other problems occur

Simplifies the application of internal and external IT compliance requirements

Helps ensure that third-party audits go smoothly

Roll out new applications with confidence

Gauge the impact of planned configuration changes



IT Compliance Analyzer—Structure

IT Compliance Analyzer is packaged as an appliance

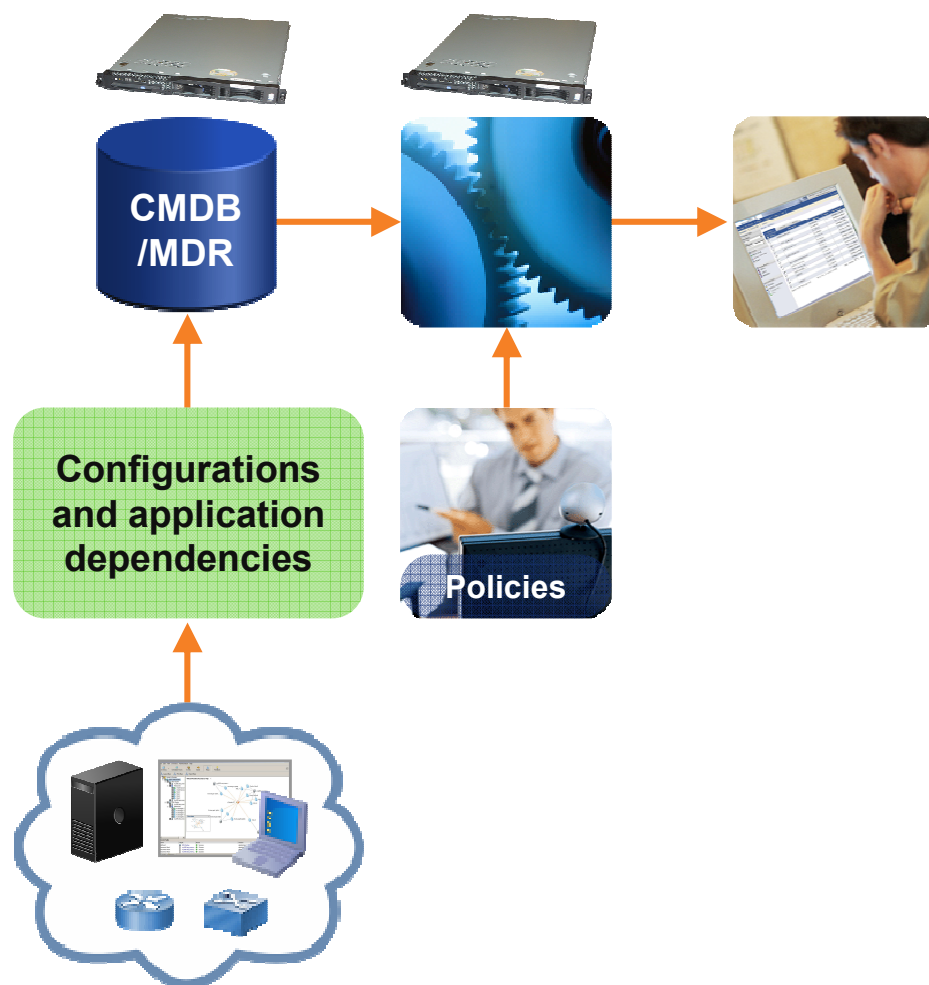
- Just like Smarts Application Discovery Manager, but separate
- Accelerates time to value

The configuration management database (CMDB) for V1.0 is EMC Smarts Application Discovery Manager

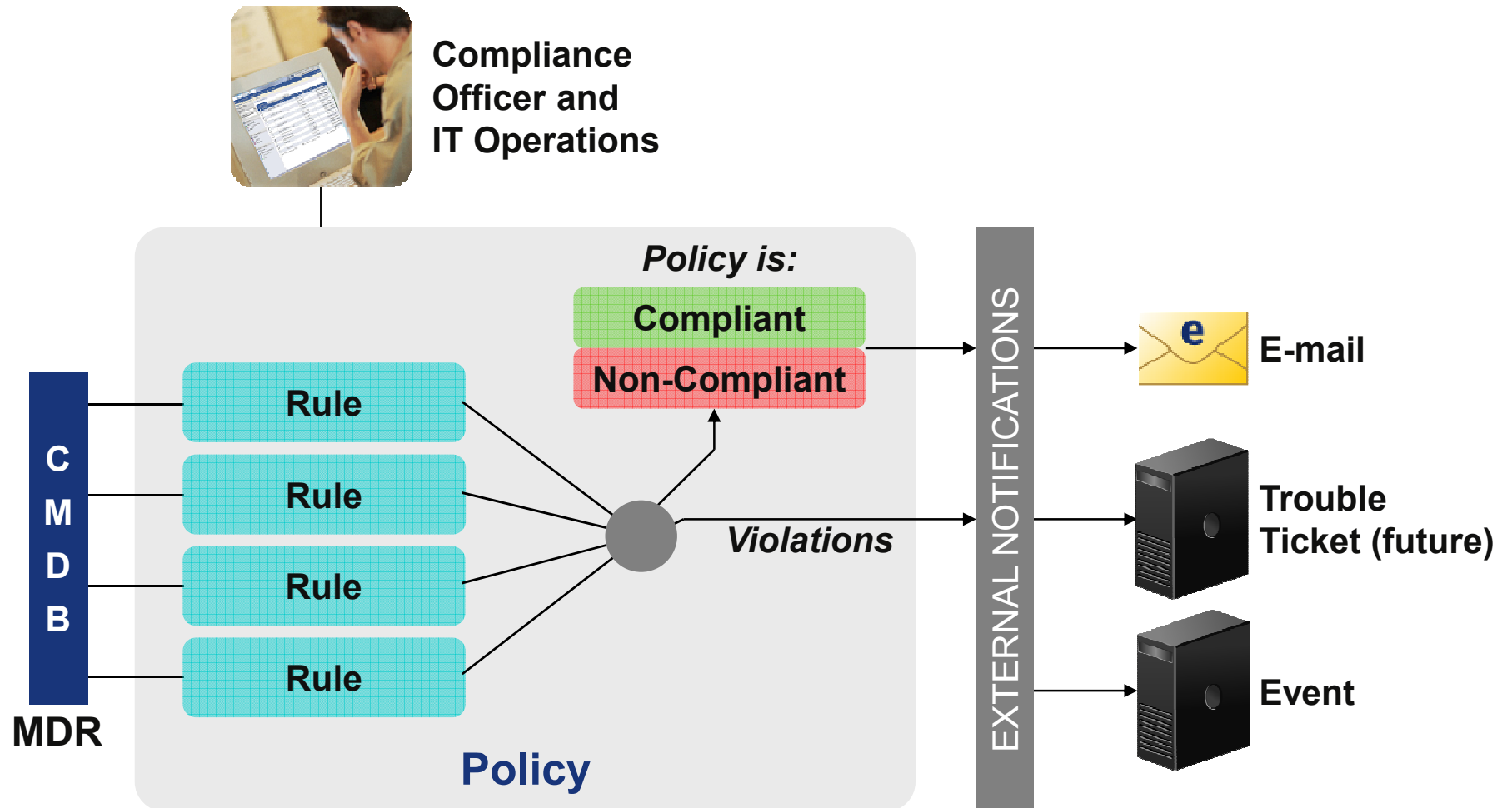
- Future versions will expand this

Policies:

- Initial release includes policy template for PCI compliance
- A community development model is being considered for policies



Technical Overview



Policy Rule Examples

Check that there's at least one DNS server configured in Chicago at all times

Check that all Oracle DB servers used for the Inventory application have 2 CPUs and ≥ 4 GB of memory

Check that all SAP servers used for General Ledger run in a cluster

Check that Windows systems in Memphis have Norton Antivirus installed

VoyenceControl

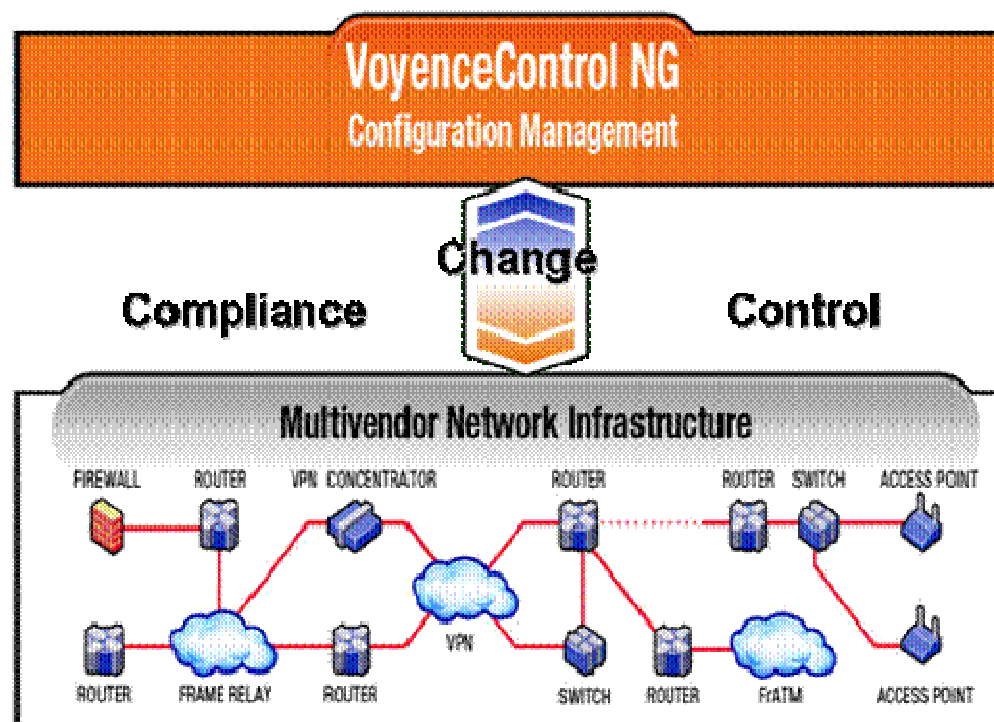
**Automates Network Compliance,
Change and Configuration
Management**

**Network Discovery and
Configuration Repository**

**Enforces Standard's Based
Network Change Processes**

**Enforces Standards and Policies
for Network Compliance**

**Automates Network Change
Execution**

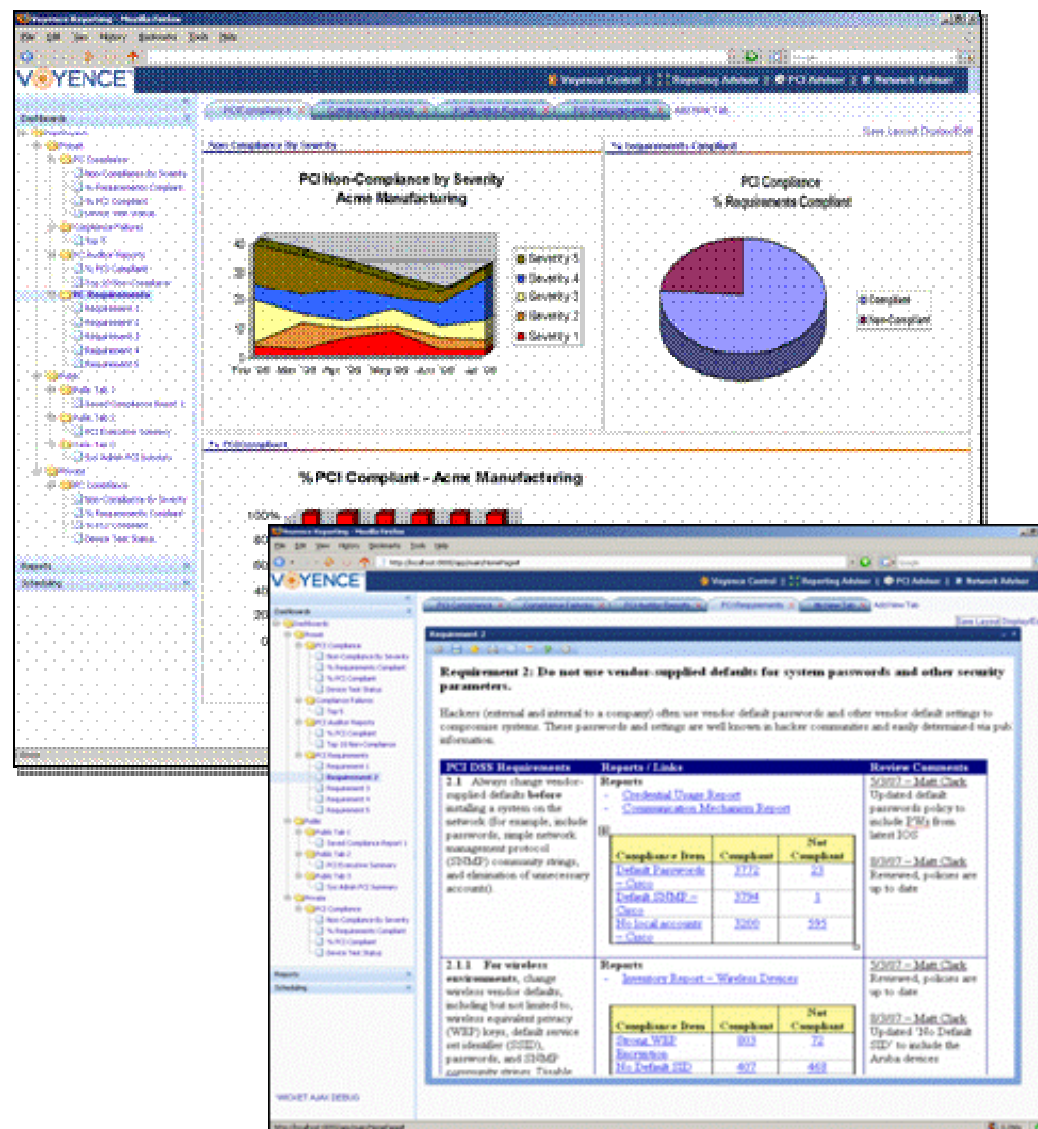


VoyenceControl PCI Advisor

Maps Voyence Solutions to PCI DSS Requirements

Dashboards and reports to help IT carry out compliance processes on a daily basis

Provides the auditor with printable documentation necessary to verify network compliance





Automating PCI DSS Requirement Compliance

PCI Requirement		IT Compliance Analyzer	VoyenceControl
Build and Maintain a Secure Network			
1.0	Install and maintain firewall configuration	✓	✓
2.0	Avoid vendor-supplied default settings	✓	✓
Protect Cardholder Data			
3.0	Protect stored card holder data		✓
4.0	Encrypt data across public networks	✓	✓
		Application Domain	Network Domain

Automating PCI DSS Requirement Compliance

PCI Requirement		IT Compliance Analyzer	VoyenceControl
Maintain a vulnerability management program			
5.0	Use and regularly update anti-virus software	✓	
6.0	Maintain secure systems and applications	✓	✓
Implement strong access control measures			
7.0	Restrict access to card holder data		✓
8.0	Assign unique IDs to those with access		✓
9.0	Restrict physical access to card holder data		
		Application Domain	Network Domain

Automating PCI DSS Requirement Compliance

PCI Requirement		IT Compliance Analyzer	VoyenceControl
Regularly Monitor and Test Networks			
10.0	Track access to resources and data	✓	✓
11.0	Regularly test security systems and processes	✓	✓
Maintain an Information Security Policy			
12.0	Maintain an information security policy	✓	✓
		Application Domain	Network Domain



IT Compliance Analyzer - Application Edition **(DEMO)**

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To learn more about how
IT Compliance Analyzer and VoyenceControl
can help you effectively automate PCI compliance initiatives:

Contact your local EMC Smarts Sales Representative

Contact EMC Smarts Inside Sales at **866-362-2700**

Visit the EMC IT Compliance Analyzer page on emc.com:

[http://software.emc.com/products/software_az/
it_compliance_analyzer_application_edition.htm](http://software.emc.com/products/software_az/it_compliance_analyzer_application_edition.htm)

and Voyence at:

<http://www.voyence.com>

Thank You for Attending!

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