



Can you measure the ROI of your NAC solution? Mirage offers the NAC Payback Series to show measurable, real-world examples of how our solutions work for you.

NAC Payback Series

Payment Card Industry Compliance

The Problem

The Payment Card Industry (PCI) has mandated a set of Data Security Standards for organizations that process and store electronic payment information. Many of these standards are best practices for protecting cardholder data, but the PCI requirements have given the standards more teeth by promising to impose monthly monetary penalties and hike processing fees for organizations that fail audits or miss deadlines for compliance. The PCI Security Standards Council even reserves the right to revoke a non-compliant agency's ability to process electronic payments altogether.

Deadlines for compliance with PCI standards are imminent. Nevertheless, many organizations have not taken the steps necessary to avoid the penalties levied for non-compliance. Most recently audited organizations that failed audits did not enforce network segmentation of cardholder data or adequately protect stored data, did not regularly test security systems and processes, did not assign a unique ID to each person with card data access, or did not track and monitor all access to network resources and cardholder data. A robust NAC solution would help solve all of these issues, and many more PCI mandates, including:

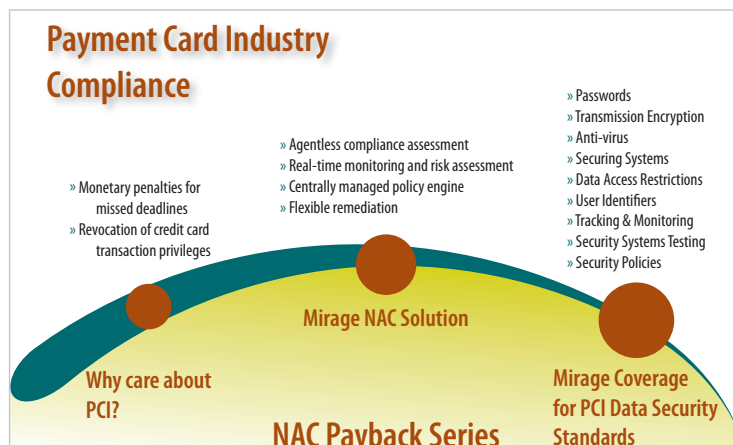
- » Enforce network segmentation to limit PCI scope
- » Anti-Virus agent health and status checking
- » Patch status checking
- » VLAN placement and need-to-know restriction of endpoints
- » Ongoing tracking and analysis of endpoint behavior
- » Historical reporting
- » Endpoint service port restrictions
- » Policy definition and documentation

The Solution

Mirage's agentless technology provides the most scalable means of assessing the compliance information of connecting endpoints, and its behavioral profiles provide an exceedingly powerful mechanism of monitoring the status and managing the risks of all endpoints throughout their entire life cycle on the network. Its flexible and centrally managed policy console provides a means to distribute policy throughout the enterprise, and its unique access zone methodology allows for highly flexible remediation and user notification options.

The Mirage NAC solution addresses PCI requirements because it:

- » Provides scalable mechanisms to address endpoint agent health
- » Is able to integrate patch status checking into existing tools
- » Gathers and tracks identity information for the users of all endpoints entering the network
- » Provides segment-level, and in some cases endpoint-specific, network policies that can be distributed throughout the enterprise
- » Doesn't introduce another agent, because that simply creates another health check that must be done to verify the presence of that agent
- » Enforces policies based on real-time analysis of packets emitting from endpoints
- » Enables user-led remediation whenever possible, so that non-compliant endpoints can gain network access as quickly as possible without direct help desk intervention
- » Provides analysis and real-time data on compliance status throughout the enterprise
- » Provides relevant historical reporting features to demonstrate compliance and highlight areas that need attention
- » Allows for a consistent, centrally managed policy that is distributed throughout the environment



PCI requirements include an array of measures ranging from physical security to firewall configuration to endpoint control. And while no one solution can satisfy the complete list of PCI requirements, Mirage's technology helps customers address nine of the 12 sections mandated: Passwords, Transmission Encryption, Anti-virus, Securing Systems, Data Access Restrictions, User Identifiers, Tracking & Monitoring, Security Systems Testing, and Security Policies.

About Mirage Networks

Mirage Networks, Inc. is the leading provider of Network Access Control (NAC) solutions. Mirage's patented technology gives organizations control of all network devices, increases network uptime, ensures policy compliance, and reduces operational costs. Mirage's NAC appliances work in all network environments, deploy virtually inline, and require neither signatures nor agents to enforce policy and terminate zero-day threats. Mirage Networks is a consistent winner of industry awards and recognition. Learn more about Mirage Networks at www.miragenetworks.com, and visit the Mirage CTO blog at www.mirageblog.com.

Mirage solutions are made available through Authorized ChannelFirst Partners and can also be delivered as a managed service.

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