PCI Compliance

Your guide to reducing the scope of your annual PCI Compliance audit

HPE ProLiant servers running Datex DataStealth software is a paradigm shifting solution that significantly reduces the scope of your annual PCI Compliance audit. Together, this bundled solution removes payment card information from data and documents BEFORE it enters your network, taking your entire network out of scope for your annual PCI Compliance audit.

PCI Compliance challenge

Annual PCI DSS compliance audits are required for all organizations that 'store, process or transmit' payment card information, and over time, the audit process has become very expensive and expansive as it has adapted to incorporate the evolving challenges of building and sustaining a secure network. Audits typically require significant investment in time, resources, capital, and potentially large amounts of remediation in order to achieve a PCI DSS compliant status. And for larger organizations, it is an annual requirement.

A PCI DSS v3.2 audit is comprised of 12 high level requirements, containing 240 lower level sub-requirements, which include more than 400 specific testing procedures or attestations. To complicate matters, individual PCI DSS requirements and test procedures are subject to frequent change as they are adapted to changing and emergent security challenges. By the time an organization is nearing completion of their annual audit, any new requirements or test procedures that have been implemented in the interim could cause the standard they're assessing against to become obsolete.

Compliance vs Security

Being compliant does not necessarily equate to having a secure environment, and according to industry insiders, most if not all large organizations who have been breached in the recent past were in fact compliant with PCI-DSS at the time they were breached.

PCI compliance is designed to merely provide guidance and a checklist of 'best practices' which encourage organizations to become proactive about securing sensitive data, including payment card information.

Not obtaining PCI-DSS compliance, however, is a clear sign that an organization's infrastructure might be susceptible to vulnerabilities, and may jeopardizes their ability to accept customer payments via payment cards in the future.

Solution Brief

Easy to deploy
- Plug and Play
- No application development
- No desktop agent/API/Plugin
- No key management
- Transparent to users and technology

Highly available
- Clustering support
- Multi-site resiliency
- Built-in replication

HPE and Datex

Datex is a software company focused on protecting Enterprise data and documents. HPE is a global technology company that helps customers make IT more efficient, more productive, and more secure.

For many years, Datex and HPE have worked together to design and deliver comprehensive and cost-effective solutions that comply with the highest security standards.

DataStealth Solution

Patented paradigm shifting technology

When looking at ways to reduce the overall scope of a PCI-DSS audit, Datex realized that if something could be deployed in front of a network that could remove 100% of payment card information from data or documents BEFORE they enter that network, that network would be out of scope and effectively precluded from a PCI-DSS audit. The goal was not to remove the requirement to become PCI-DSS compliant, but rather to significantly reduce the scope of the PCI-DSS audit. To that end, Datex developed a revolutionary new approach. We call it DataStealth.

DataStealth inspects network traffic, extracts payment card information on the fly, in real-time, and replaces the original data with a 'smart' placeholder value. The real information gets injected back into the data stream later on, but only for authorized users, and for authorized use cases. DataStealth is deployed outside your network, and payment card information never touches anything in your network.

NEVER.

What makes DataStealth so revolutionary is that DataStealth is plug and play, and is transparent to both end users and to other technologies in use. No app development is required. No code changes are required. No plugins (no API, desktop app, or browser plugin) need to be installed. No software or databases need to be installed and managed.

The Result

DataStealth is the enabling technology you have been looking for.

From a PCI perspective, with DataStealth deployed, your network no longer "stores, processes, or transmits" payment card information which removes your network from scope for your annual PCI-DSS audit … and removing your network from the scope of this audit translates into direct and significant annual cost savings.

From a security perspective, if your network were ever breached, whether by an external or internal source, the payment card information is simply not there. Intruders cannot steal what is not there.

Learn more at
www.datex.ca/datastealth

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