

WHAT IS THE PAYMENT CARD INDUSTRY DATA SECURITY STANDARD (PCI DSS)?

The Payment Card Industry Data Security Standard is a proprietary information security standard for organisations that handle branded credit cards. The PCI DSS is mandated by individual brands and governed by the Payment Card Industry Security Standards Council.

INITIAL SITUATION

The secure management of highly sensitive credit card data is vital for every company that offers a credit card payment solution. Even the smallest security gap can cause not only serious legal and financial trouble, but also a significant loss of reputation and trust.

Several recent cases have drawn public attention to the potentially devastating impact of security breaches involving sensitive data. The investment to prevent such incidents is minimal compared to the cost of a security lapse on an organisation. However many companies still struggle to implement PCI DSS due to the lack of internal resources and skills required to execute the changes. Clients can focus on their core business, while the Neos team can implement the security standards for the organisation.



“By providing a fully managed, PCI DSS certified infrastructure we’ve reduced the financial burden, complexity and risk usually associated with setting up a highly secured environment. This allows our customers to focus on the areas that are important to their business.”

Steven Viljoen, Senior VMware Specialist, Neos

IMPLEMENTATION

Neos has invested heavily in certification of the infrastructure and training of specialised team members to provide the best results for their clients.

The first challenge was to understand the importance of the PCI DSS Certification in the daily business life of our customers. After meetings held in 2014, a team was formed which together with several partners created an optimised infrastructure. During this process, it was revealed that some of Neos’ internal standards surpassed even those that are required by the certification itself.

A review of Neos’ systems was conducted by Security Research & Consulting GmbH (SRC), with a pre-audit in September 2015, followed by the final audit in March 2016. No deviations from the PCI Standard were found in Neos’ systems.

BENEFITS – WHAT IS THE ADDED VALUE OF COLLABORATING WITH NEOS?

Neos can minimise risks by offering highly secure, level 1 PCI DSS certified infrastructure, which fulfils the most stringent requirements. Benefits go beyond lower expenses, streamlined processes and higher security standards, to include access to expert knowledge and advice on the highly complex topic. Neos estimates that this will save their clients about 60 to 70 percent of involved labor costs.

The investment required to implement a PCI DSS can be high, especially for small or medium enterprises (SMEs). A collaboration with Neos and the use of their PCI DSS certificated infrastructure will open up new possibilities, allowing smaller companies to offer products and services that were not previously available without the certification.

The key benefit for larger companies is that they do not have to implement their own certified infrastructure, reducing the cost and complexity of internal systems.

Neos ensures the preservation of the PCI DSS certification through regular maintenance and quality updates; as a result clients do not have to review their standards annually to remain certified.



“During the PCI DSS preparation phase and onsite assessment, Neos employees have shown in-depth knowledge and understanding of IT and IT security. The combination of their expert IT knowledge and understanding of PCI DSS security requirements resulted in a positive PCI DSS assessment and thus a confirmation of PCI DSS compliance.”

Dmitriy Tsygankov, Consultant, SRC Security Research & Consulting GmbH

OUR PARTNER – SRC SECURITY RESEARCH & CONSULTING GMBH

Each audit is performed collaboratively with SRC, a partner of Neos, who bring the necessary expertise into the company – Neos and SRC will continue to work closely together on future projects.

WHY IS IT WORTH YOUR WHILE TO CONSULT WITH A CERTIFIED PARTNER LIKE NEOS?

- Neos offers a highly secured PCI DSS-certified infrastructure
- The existing infrastructure accelerates your future processes
- Cost efficiencies reduce your expenses
- Access to data security experts
- Benefit from continuous monitoring of all the certification-criteria
- Security risks that may damage the company's reputation are minimised