



FORWARD THINKING IT SOLUTIONS

ACHIEVING PCI COMPLIANCE

Comply with the security requirements
of the Payment Card Industry.

ACHIEVING PCI COMPLIANCE

Payment Card Security is Critical for the Economy

A considerable portion of the economy and particularly the classic or online retail sector is strongly dependent on the availability of debit and credit card payments. Thus, it is of the utmost importance that the local and international payment systems remain dependable and secure. Due to the widespread use of payment cards, the related IT systems are attractive targets for cyber criminals. Implementing and maintaining an adequate level of security on the technical and organizational level is a basic requirement for all organizations involved in handling payment card data.



What is the benefit of PCI?

Payment card data is an attractive target for criminals. Attacks via the Internet or data misuse by employees have grown significantly over the past years. As one of the results, the major card brands - Visa, MasterCard, JCB, Diners Club and Discover - have launched the Payment Card Industry Security Standards Council (PCI SSC) as a standards setting body. This organization issued the IT security standard PCI-DSS (Data Security Standard) to improve the card payment security and to better protect consumers, merchants, and the card brands.

PCI-DSS is the global security standard for all organizations that handle payment card or card holder data. The PCI-DSS requirements apply to all participants in the card payment eco-system, such as merchants, payment service providers

(PSP), acquirers, issuers, data storage entities (DSE) and third parties, if they transmit, process or store card holder data.

Why Ergonomics?

Ergonomics is the Swiss IT security specialist for everything PCI-DSS, since 2011. Our certified security consultants offer advisory and audit services to achieve and maintain PCI-DSS compliance. We work with partner organizations for the required vulnerability scans and penetration tests. Therefore, Ergonomics - as a certified QSA Company - is your one-stop services provider for all PCI-DSS tasks.

PCI Compliance in a Few Steps

The PCI-DSS requirements appear to be a rule set that is complex and difficult to grasp. With over 280 individual security measures, approaching compliance requires some preparatory work.

Many of the requirements of PCI-DSS are Best Practices of IT security measures, and are also mandated by other security regulations, such as ISO 27001, BSI Schutzhandbuch, HIPAA, or SOX. The main difference to other standards is that PCI-DSS is particularly focused on protecting the sensitive cardholder data.

The PCI-DSS documentation and validation requirements for merchants and service providers are dependent on their transaction volume, but the technical and organizational requirements remain the same. One of the first steps in an assessment is to identify and to verify the relevant documentation and validation category of the customer.



ACHIEVING PCI COMPLIANCE

A typical PCI-DSS assessment includes the following steps:

- » Create senior management awareness and operational management support. We run workshops to present an overview and the primary requirements of PCI-DSS to the senior and mid-level management.
- » Reduction of the PCI scope. An initial assessment identifies the system components that may be in the PCI scope and tries to identify measures to reduce the scope, if requested by the customer. Some of the measures may require that operational processes be adjusted.
- » For the in-scope system components, the gaps are identified and remedied together with the specialists of the customer. Existing documentation is reviewed and supplemented. Ergonomics specialists are able to help with implementing the required modifications.
- » Quarterly network scans and periodic penetration tests are set-up.
- » The customer completes the appropriate self-assessment questionnaire (SAQ), or an on-site audit is performed.
- » PCI-DSS requires an annual recertification. Therefore, processes need to be established to maintain the IT security level. Maintaining the PCI requirements should eventually become business as usual (BAU).

Certified Competence

With over 30 years' experience in the areas of IT security and electronic payment systems, Ergonomics is uniquely qualified to assist organizations to reach PCI-DSS compliance. We cannot only identify gaps, but also actively assist our customers with remedying them. For many of the issues, we can also present and directly offer solutions from our suppliers.

For network scans and penetration tests, we work closely with trustworthy partner organizations.

Ergonomics AG is a certified QSA Company (QSAC) and is authorized to perform PCI-DSS assessments, based on the guidelines of the PCI Security Standards Council.

Our specialists are at your disposal for an initial discussion.

FORWARD THINKING IT SOLUTIONS

Ergonomics AG, headquartered in Zurich, was founded in 1991. The company currently employs some twenty-five staff. Right from the beginning, the company's aims were to satisfy and delight customers with the highest demands. Competence, experience, innovation, and responsible actions are the fundamental values on which the company is built - and success has proven us right.

Ergonomics, a leading consulting company in areas of integrated security, can support you in recognizing and resolving enterprise-wide IT risks, dangers, and weak spots. Over the years, Ergonomics security consultants have gained immense knowhow - valuable in tackling the most challenging organizational and technical IT security issues.

Please find additional information at:
www.ergonomics.ch



»ergonomics

Headquarters Zürich

Ergonomics AG » Uetlibergstrasse 132 » CH-8045 Zürich
T +41 58 311 10 00

info@ergonomics.ch » www.ergonomics.ch