TÜV TRUST IT
TÜV AUSTRIA Group

Certification

Certification of Network Components: “Trusted Infrastructure”

In the context of information security, not only an effective information security management system (ISMS) and the use of secure software play an important role, but also the hardware used must be subjected to a detailed security assessment. In particular, network components are increasingly targeted by adversaries. To ensure that companies can prove the secure design and configuration of their network components, TÜV TRUST IT has developed the “Trusted Infrastructure” certification.

Approach

On the basis of the TÜV TRUST IT requirements catalogue “Trusted Infrastructure” we check your network components.

In addition to standards such as ISO / IEC 15408 and RFC 2196, the catalogue of requirements is based on the company‘s own criteria and experience of TÜV TRUST IT as well as common best practice IT security solutions.

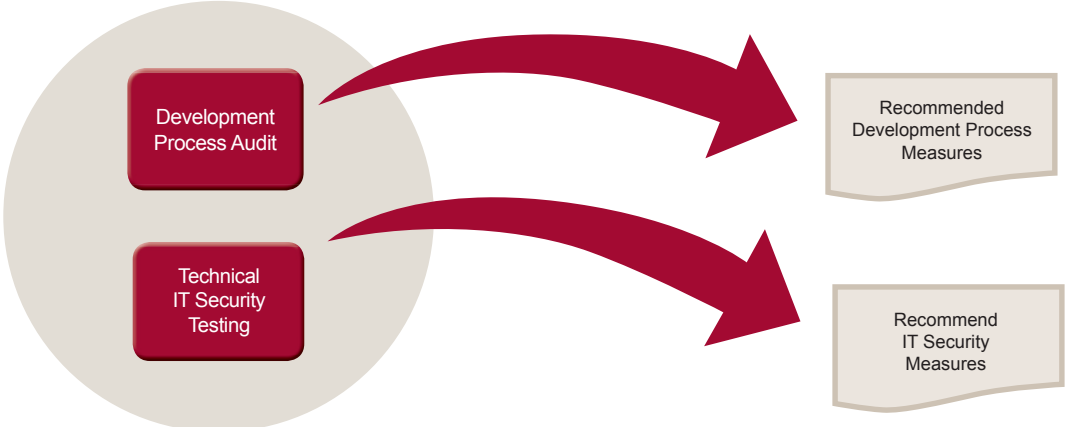
Steps of Certification

The procedure in the certification project is divided into a number of steps, some of which can be carried out in parallel. In addition to a technical examination, an examination of the development process is also carried out. As part of the technical examination, the assured properties according to the technical descriptions of hard- and software are checked on the basis of our catalogue of requirements. Among others, this part comprises common attack scenarios. The development process is examined by auditing the software development process for relevant elements of a secure development lifecycle, e.g. to ensure the continuous security of switch firmware.

Result Report with Recommended Measures

All results of the sub-examinations are documented and classified in detail with appropriate proposals for measures.

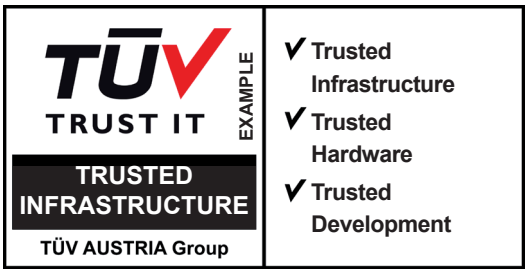
If the result of the test is positive, a certificate with a seal of approval is issued, which documents the quality of the network components. This certificate is valid for three years. You will receive two DIN A3 certificate printouts in high-resolution



Process Trusted Infrastructure audit

Certification

colour (1x with frame) with your company logo and optionally a press release by TÜV TRUST IT as well as the online version of the certificate on the website of TÜV TRUST IT.



Sample Seal

To maintain the validity of the certificate, annual surveillance audits are required. At the end of the third year, a re-certification must be carried out.

Your Benefits

- Show your customers and business partners that your network components meet the required level of quality and security
- Comprehensive test report highlighting potentials for improvement
- Effective competitive advantage and promotion of new customer acquisition
- Online availability of your certificate on the website of TÜV TRUST IT
- The TÜV seal to foster your marketing

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