

Your Independent Provider of Evaluation Services



Benefits:

- » Accredited vendor-independent evaluation laboratory
- » Comprehensive know-how in the area of e-passports and biometrics
- » The only evaluation laboratory for OCSI-supported electronic legal relations

International standards guarantee the unrestricted functionality of products in various countries and different applications. Standards compliance is therefore a critical factor in the success of modern IT products. secunet operates an evaluation laboratory, accredited by the German Federal Office for Information Security BSI, for carrying out independent conformity evaluations.

The range of services includes evaluations in connection with electronic ID documents and biometrics as well as for the electronic transmission of legal documents. **Leading chip and passport manufacturers as well as national and international government authorities place their trust in secunet's competence.**

Standards compliance for a competitive edge

Modern electronic ID documents face two major requirements: they are to be suitable for use world-wide and the security of the holder's personal data needs to be ensured. This results in special challenges in terms of the passport chips and the document readers. In addition, the quality of the biometric features and the data format in which they are stored on the electronic travel document are subject to certain requirements.

Standards and Technical Guidelines are intended to guarantee the interoperability and security of official eID documents. These are issued by various authorities: in the international area, mainly by the International

Civil Aviation Organization (ICAO) and the International Organization for Standardization (ISO). At national level, the German BSI develops pertinent specifications in the form of Technical Guidelines.

Manufacturers of software components, electronic IDs and document readers can obtain a decisive competitive edge by providing evidence of the standards compliance of their products. In the case of customers from the public sector, a certificate of conformity is frequently a prerequisite for the use of such products.

secunet – independent, accredited evaluation laboratory

secunet operates an evaluation laboratory to perform such independent conformity evaluations. The laboratory is constructed according to applicable regulations for evaluation laboratories and meets DIN EN ISO/IEC 17025 requirements. The laboratory has its own, independent infrastructure and a highly qualified staff, which guarantee the reliability of the evaluation results and their acceptance by public authorities.

secunet's evaluation laboratory is officially accredited by the German BSI to perform conformity evaluations according to the Technical Guideline for Official Electronic ID Documents and for Biometric Software Components.

Similarly, the German Federal Ministry of Justice has recognised secunet as an evaluation laboratory for the application process for products in connection with the OSCI-supported transmission of legal documents – in short: an evaluation laboratory for EGVP (the Electronic Court and Administration Mailbox) conformity.

secunet's evaluation laboratory services

In the area of **e-passport** evaluation, secunet offers the evaluation of personalised documents and their subcomponents such as inlays for manufacturers of chips and chip operating systems, passport producers and public authorities. The evaluations are based on BSI TR-03105, which defines conformity tests for official electronic ID documents. In this context,

secunet performs evaluations of the logical layers. In close cooperation with an accredited partner laboratory, we also offer conformity evaluations for the physical layers (RF communication).

The area of **biometric software** evaluation is aimed at suppliers and integrators of software components for the acquisition, processing and transfer of biometric data. secunet evaluates the software which is used in passport authorities within the scope of the application process for conformity with TRPDÜ (TR-03104) and TR-Biometrics (TR-03121). The Technical Guideline TR-03118 Part 2 and/or TR-03122 of the BSI serves as the basis for conformity tests for biometric software.

In the area of **EGVP** evaluation, secunet tests the interoperability of third-party products with the Electronic Court and Administration Mailbox (EGVP). Confirmation of interoperability ensures that the evaluated products are approved for participation in the OSCI-supported electronic transmission of legal documents.

In addition to formal evaluations which are a prerequisite for BSI certification of the products, we offer simplified evaluations as well as analyses concerning standards compliance. The comprehensive experience gained in the evaluation laboratory is invested in the development of evaluation tools and services.

Testing e-passport chips according to BSI TR-03105 part 3 for NXP

NXP Semiconductors Austria GmbH is a leading manufacturer of chip solutions for electronic passports. In order to test their compliance with national and international requirements for electronic travel documents, NXP commissioned secunet's evaluation laboratory for IT conformity. Testing was conducted according to the Technical Guideline of the German Federal Office for Information Security BSI TR-03105 Part 3. These tests determine whether the data stored on the e-passport chip are interoperably readable world-wide and whether the mechanisms for protection of the data on the chip are correctly implemented.

Austria trusts in the evaluation competence of secunet

The Austrian State Printing House OeSD is responsible for developing and producing personalised high-security documents, e.g. for the new security passport, the national identity document and the driving licence in cheque card format. The Austrian e-passport is certified by the German Federal Office for Information Security BSI as per TR-03105. This certification was preceded by intensive evaluation conducted by secunet's independent evaluation laboratory for IT conformity.

More information:
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