

brightsight®



your  
partner  
in security  
approval



An intelligent game to play

Partner  
in Security  
Approval

# BrightSight – the synonym for leading security evaluation technology

Protection against misuse and theft of data becomes increasingly important in the day-to-day activities of companies, government institutions and individuals. Particular attention is being paid to the optimum security of IT products and systems which transport and archive highly sensitive data. As an experienced security evaluation specialist, we follow a holistic approach, which includes consultancy services and training courses. We support our customers as a reliable partner when it comes to successfully preparing and performing security approval processes for IT products.



## Traditional strengths – expertise, reliability, discretion

Our company is built on a stable foundation of expertise, reputation and discretion. The experience of almost 30 years in the business, together with established knowledge and continuous dialogue with our market partners enable us to face the challenges of dynamic developments in the field of IT security with confidence, and to adapt these to the individual requirements of our customers.

We rate amongst the Top Three in the world today and enjoy the highest reputation as one of the leading security evaluation laboratories. We support more than 100 internationally active companies as a reliable partner – many of these already for decades.

## Front-runner for tailor-made security approval services

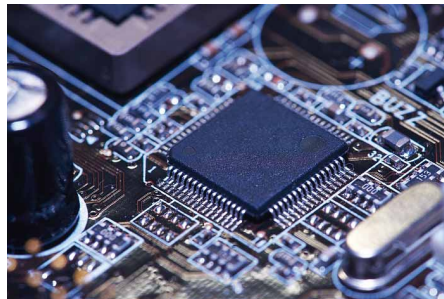
As one of the exclusive providers, we hold all relevant internationally recognised security evaluation accreditations. Based on this comprehensive list of licenses, we are authorised to analyse and test data security aspects for many different IT products, and to produce corresponding expert opinions and reports required in the course of the security approval processes. Our services guarantee proof of independent, well-founded expertise and a high degree of credibility. This commits us to the maintenance of absolute confidentiality in the collaboration with our customers.

Another cornerstone of our company is technical know-how. Thanks to highly qualified experts from different nations and backgrounds, the multicultural nature of our company and continuous investments in research and development, we can draw on a unique pool of analytical methods and test technologies for advising and supporting our customers. Be it hardware or vulnerability analyses, penetration tests, code reviews or site audits, we are technically always one step ahead and can help our customers to demonstrate that their products comply with the required security standards.

## Security put to test

Our customers range from international financial institutions to organizations in the telecom and automotive industry, from IT product manufacturers to governments. As an approved IT Security Evaluation Facility (ITSEF) we offer our clients an independent examination and evaluation of all relevant security criteria tailored to their product-specific needs. Our evaluation services include

secure IT products. Apart from security approval services, we support manufacturers before and during their product development with additional services such as pre-evaluations or security strength evaluations of prototypes. Stakeholders use our assistance in designing their security policies, requirements and procedures for new products.



## Comprehensive pool of competences in three business areas

### ■ Security Evaluations and Audits

Analyses, tests, inspection and audit of all relevant security criteria for IT products and systems within the scope of product approvals.

(i.e. smart cards, electronic ID cards, micro controllers, payment terminals, security tokens, mobile communication devices, set top boxes, access control systems, car equipment, taximeters, tachographs etc.)

Use of the latest state-of-the-art evaluation technology. (microscopy, reverse engineering, chemical etching, probing, focused ion beam manipulation, voltage and light perturbation or side-channel analysis, buffer overflow search, dictionary attack, protocol analysis, and other fuzzing techniques)

### ■ Training

Development and implementation of training courses and workshops in the area of IT security and security testing both for standard methods and customized security solutions.

### ■ Consultancy

Individual support to manufacturers before and during product development, in all aspects of the underlying evaluation requirements and guidelines, to help them improve product security.

Support of organizations and stakeholders during definition and specification of dedicated security criteria required for the approval of new IT products.

## Company Chronology

- 1930's** Forming TNO, the Netherlands organisation for applied scientific research, by the Dutch government as an intermediate research and development institute between government, universities and industry
- 1980** Starting security evaluation activities within the TNO unit EIB (evaluation center for security techniques)
- 1997** Developing the capability of performing Common Criteria evaluations
- 2002** Spinning off the Common Criteria evaluations in a separate company (TNO ITSEF BV), owned by TNO
- 2004** Merging of the EIB and Common Criteria activities to operate under the name of TNO ITSEF BV
- 2006** Changing the new company's name into Brightsight
- 2007** Forming Joint Ventures Brightsight Asia in Korea and BeSecure in Japan
- 2011** Set up of Brightsight's Asia Pacific Office in Singapore

## List of accreditations

Accreditations guarantee that the security evaluation reports generated by Brightsight can be used by manufacturers to achieve product type approval. Our wide variety of qualifications is listed below.

### General accreditations

- ISO/IEC 17025 (General requirements for the competence of testing and calibration laboratories RvA nr L355)

### Accreditations for secure IT products and systems (Common Criteria)

- BSI, Bundesamt für Sicherheit in der Informationstechnik (Germany)
- JISEC, Japanese Information Technology Security Evaluation and Certification Scheme (Japan)
- NITES, National IT Evaluation Scheme (Singapore)
- NSCIB, Netherlands Scheme for Certification in the area of IT Security (The Netherlands)
- SCCS, Singaporean Common Criteria Scheme (Singapore)
- SERTIT, Certification Authority for IT Security (Norway)

### Accreditations for secure Smart Card products

- Cryptography Research, Inc. DPA Countermeasure Validation Program
- EMVCo
- MasterCard CAST
- VISA

### Accreditations for Payment Terminals and related devices

- APCA (Australia)
- Currence CAS (The Netherlands)
- EP2 (Switzerland)
- EPCI (Belgium)
- GBIC (Germany)
- Payment Card Industry (PCI)
- PNC (Scandinavia)
- UKCA – UK Payments Administration Ltd (United Kingdom)

## Full-service security evaluation – an asset to our customers

Our customers benefit from our many years of sound experience as an independent expert and from our extensive expertise. Our unique analysis techniques ensure a precise preparation for the comprehensive product approval process. Furthermore, the close collaboration during the product development phase enables us to understand individual security needs. In return, we deliver the knowledge that is necessary to satisfy the certification requirements. With our help possible security gaps can be identified and closed at an early stage. As a result the formal security approval process becomes smooth and efficient, which is reflected in valuable time and cost saving benefits.

Due to our comprehensive list of accreditations we can help customers to get multiple certifications with minimal additional costs.



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