



# EVALUATION SERVICES

## GLOBAL DELIVERY – WORLDWIDE ACCEPTANCE

Evaluations that comply with international standards are part of a global trend in measurement and benchmarking. Users demand that security products and systems be evaluated by an accredited laboratory. In many applications, a successful evaluation is a prerequisite for release.

### **T-SYSTEMS PERFORMS EVALUATIONS ACCORDING TO THE FOLLOWING FRAMEWORKS AND CRITERIA:**

- Common Criteria (ISO 15408)
- ITSEC
- Germany's finance sector  
(for all payment components and networks)
- VISA International (for smart card controllers)
- MasterCard International  
(CAST programme for logical audits)
- Payment Card Industry (PCI, formed by VISA, MasterCard and JCB) and MasterCard's PTS programme for PIN-accepting devices
- EMV Security Approval for smart card hardware

These standards are as international as our business is. Though only located in Germany and Singapore, the evaluators of T-Systems serve customers around the globe.

### **WORLDWIDE ACCEPTANCE**

1. Through the Common Criteria Recognition Arrangement (CCRA), the duplication of evaluations of IT products and protection profiles has been eliminated. There has been an increasing number of signatory countries.
2. The programmes initiated by VISA International, MasterCard International, JCB and others define the security requirements for payment systems and the components being used. The standards hold for all member banks around the world.
3. Many countries throughout the world have additionally set-up a national schema for payment systems and components approval. T-Systems' evaluation reports are accepted directly by the following organisations:

- APACS in Great Britain
- UK Cards Association in Great Britain
- APCA in Australia
- CETREL in Luxembourg
- Dutch Payment Association (DPA) - Betaalvereniging Nederland in the Netherlands
- Acquiris in Belgium
- ep2 in Switzerland
- ETSL in New Zealand
- NETS in Singapore
- PAN Nordic Cards Association constituted by Nordea Bank | Swedbank AB (publ) | Danske Bank A/S | Svenska Handelsbanken AB (publ) | Skandinaviska Enskilda Banken AB (publ) | GE Money Bank | Visa Sweden | Europay Sweden | Nets A/S | Bankernes Standardiseringskontor | Federation of Finnish Financial Services

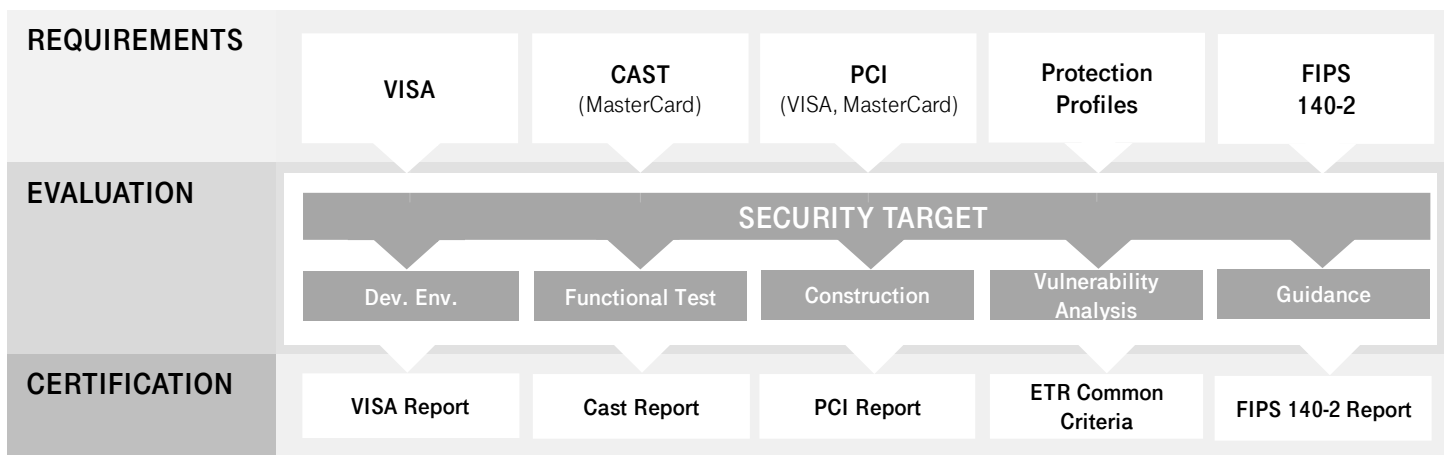
## REQUIREMENTS AND APPROACH

The manufacturers deliver their products to various countries. Their products are used in different applications. Some users request a Common Criteria evaluation, which is based on a specific Protection Profile. In other areas of application, the requirements of the banking industry are mandatory. These requirements may or may not be supplemented by specific security standards and regulations.

To support customers, T-Systems offers training and consulting services in order to enable manufacturers to better prepare themselves for international security markets. T-Systems is also accredited to perform evaluations in accordance with most international standards. Moreover, our evaluators consider all relevant requirements in order to reduce the overall workload and create security evaluation reports as required for certification by different users or application contexts. This approach is sketched in the figure below.

## EXCELLENCE THROUGH LONG-TERM EXPERIENCE

Around 1988, T-Systems, more precisely its predecessor, began evaluating products and systems for payment systems. We were formally accredited by German banks (Zentraler Kreditausschuss) in 1991. At that time, our company was officially accredited by the German government (Federal Office for Information Security, BSI) to perform evaluations based on the European security evaluation criteria ITSEC. T-Systems is also accredited for the Common Criteria, which was first published in the late 1990s. Our lab is well known for its expertise in the area of hardware and software security. Organisations such as VISA International, MasterCard, and the Payment Card Industry (PCI), have accredited our lab and recommend T-Systems to their customers.



Various requirements, different certification reports – one evaluation process.

Schedule a visit to our Security Operations Centre (SOC) today

Email us your preferred date and time of visit at [contactus@t-systems.com](mailto:contactus@t-systems.com).  
Or, visit us at [www.t-systems.com.sg](http://www.t-systems.com.sg) for more information.

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