Minex II: Performance of Fingerprint Match-On-Card Algorithms-Phase II Report

By P. Grother

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.The MINEX II trial was conducted to evaluate the accuracy and speed of MATCH-ON-CARD verification algorithms. These run on ISOIEC 7816 smartcards. They compare conformant reference and verification instances of the ISOIEC 19794-2 COMPACT CARD fingerprint minutia standard. The test therefore represents an assessment of the core viability of the de facto leading compact biometric data element on personal identity credentials based on the the industry standard smart card. The results are relevant to users seeking to use minutia templates as an additional factor for authentication. MINEX II did not evaluate interface standards, secure transmission protocols, nor card or algorithm vulnerabilities. In addition, it did not mimic a particular verification scenario, and it did not compare fingerprint sensors or system-on-card implementations. More generally an exposition of the advantages and disadvantages of MATCH-ON-CARD is beyond the scope of this report. Also out-of-scope is consideration of modalities beyond fingerprints This item ships from La Vergne,TN. Paperback.

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