

Polish Student Card



SUCCESS
STORY

A new Polish law requires existing student cards to be upgraded as electronic cards, a process which began in 2007. A very high security standard (Common Criteria EAL 4+ certified) was specified to provide secure authentication of students, combined with physical access control.



In this context ten of the most prestigious Universities in Poland selected Oberthur Technologies—through our local partner Sputnik Software—to provide a complete smart card-based solution to start the 2007–2008 academic year.

The solution provided is the ID-One™ Classic Integration Suite, which includes a high-end secure smart card and a middleware software package to be integrated in a PC environment. In addition to a contact interface, a second contactless interface is available to enable the card to be used as a badge for physical access control.

Key features

- Based on a 64 kbyte EEPROM Oberthur multiapplication card with JavaCard™ GP 2.1.1 and JavaCard 2.2
- State-of-the-art built-in security architecture
- On-board key generation RSA up to 2048 bit
- Can be easily integrated in PC environment including PKCS#11 and Microsoft® CSP
- Authentication, encryption and electronic signature services
- Common Criteria EAL4+ Protection Profile SSCD Type 2 & 3
- Dual interface cards made from long lasting PET-F plastic
- MIFARE technology
- PKCS#11 and CSP middleware available under Microsoft Windows® and Linux environments



To date, Oberthur Technologies has provided more than 150,000 ID-One™ Classic Integration Suites based on its multiapplication Java™ card