

ACOS ID

ACOS ID Product Line

ACOS-ID is a bundle of products, which can be applied to the entire range of ID documents. Multi-application support lets you combine any of the following applications:

- National Identity card
- Passport
- European citizen card for IAS, PKI and qualified electronic signature
- Residence permit card
- Driving licence
- Vehicle registration card
- Health card
- Digital tachograph card

ACOS-ID is implemented by using different technologies and platforms. All our applications will be provided as native implementation on ACOS and several third party platforms as well as ROM-masked JAVA™ applets on state-of-the-art JAVA Card™ platforms.

Specifications & Standards

ACOS-ID implements functionality based on international specifications and standards:

- Machine Readable Travel Documents (ICAO 9303)
- BAC (Basic Access Control, ICAO 9303)
- SAC / EAC v1 & v2 (Extended Access Control including PACE)
- European Citizen Card (CEN/TS 15480)
- eSign (EN 14890)
- International Driving Licence (ISO 18013)
- Health Cards (CWA 15974)

Key Features

- 18/40/80KB EEPROM available
- Contact and Contactless Communication (T=0, T=1 and ISO 14443 up to 848kbps)
- 3DES, AES, RSA and ECC cryptography support



Optional Features

- MIFARE™ Classic Emulation
- Java Card™ 2.2.2
- Global Platform 2.1.1
- Match on Card: Precise BioMatch™ J3.0.2 and Neurotechnology Megamatcher
- Middleware solutions for Windows®, Novell® and Linux are available.

Certifications

Our chip hardware and our applications are certified according to Common Criteria to prove that they meet the highest level of security.

Chip Hardware

- Common Criteria EAL 5+ certification
- FIPS 140-2/3 compliant

Chip Card Operating System

- Common Criteria EAL 5+ certification

Applications

- Common Criteria EAL4+
- SSCD Protection Profile
- ICAO BAC/EAC Protection Profile

Java™ and Java Card™ are registered trademarks of Oracle and/or its affiliates. MIFARE™ is a registered trademark of NXP. Other names may be trademarks of their respective owners.

AUSTRIACARD
Member of the **LYKOS Group**

Information & Contact

Austria Card
1230 Vienna | Lamezanstrasse 4-8
T +43 1 610 65-0 | F +43 1 610 65-701
sales@austriacard.at
www.austriacard.at