



Advanced Card Systems Ltd.

Card & Reader Technologies

SMART CARDS & SMART CARD OPERATING SYSTEMS

ACOSJ-V

VISA Certified EMV Payment Card

ACOSJ-V is an advanced EMV payment card solution for financial institutions.

The ACOSJ-V card has been approved for Visa Credit, Debit and Prepaid usage supporting all VSDC 2.8.1G functionalities. It is available in contact, contactless, and dual-interface options in both card and module form factors.

Powered by Java Card technology and compliant with Global Platform card specifications, ACOSJ-V is equipped with powerful cryptographic capabilities for enhancing the security and performance of cryptographic operations and data management, which are essential to fulfilling the stringent security requirements of Visa payment card applications.

For more information, please contact us at info@acs.com.hk

Smart Card Features

- ✓ Contact Interface: T=0
- ✓ Contactless Interface: T=CL
- ✓ 45 KB Memory
- ✓ Anti-Tearing

Cryptographic Capabilities

- ✓ RSA: 768 to 2048 bits
- ✓ DES/3DES: 56/112/168-bits (ECB, CBC)
- ✓ AES: 128/192/256 bits (ECB, CBC)
- ✓ Hash: SHA1, SHA224, SHA256, SHA384, SHA512

Certifications / Compliance

- ✓ Java Card Classic v3.0.4
- ✓ Global Platform v2.2.1
- ✓ Mapping Guidelines v1.0.1
- ✓ VIS V1.5.4b
- ✓ VCPS V2.1.3b
- ✓ Visa Prepaid V1.1.3a
- ✓ ISO 7816 - 1/2/3/4 (T=0 Only)
- ✓ ISO 14443 - Type A Only
- ✓ CC EAL5+ (chip level)

Customization

- ✓ Hi-co/Lo-co Magnetic Stripe
- ✓ Color Printing
- ✓ Signature Panel/Barcode



Common Applications

- e-Banking
- e-Payment

