

ACE AX Card

Austria Card's ACE AX Product Line

Austria Card provides ACE AX to offer a range of Java Card™ products. Our solution is based on independent, industry-wide specifications, written by Sun Microsystems and the GlobalPlatform consortium. The platform is compliant to relevant ISO standards and EMVCo specifications.

The open nature of ACE AX enables the card issuer to load applications from different vendors onto the card, all written according to the same set of specifications: Sun Microsystems Java Card specification and GlobalPlatform Card Specification provide a powerful basis used industry wide for the design of smart card applications. Cards built according to these standards are interchangeable; ACE AX can replace almost any Java Card in existing infrastructures.

By leveraging proven standards such as ISO/IEC 7816, Java Card 2.2.1 or GlobalPlatform 2.1.1, the card will be interoperable with a wide range of systems and tools both on the market and already in operational use. This allows the seamless integration of ACE AX into existing card infrastructures, while proprietary cards would implicate heavy investment costs.

For new systems, the choice of standardised tools and systems is a long-term investment; they can easily be used for future generations of ACE AX implementations.

Multi-Source

Thanks to the open architecture of the Java operating system concept, cards are available from several vendors. Java applets can be easily loaded and work on the entire Java Card range (appropriate hardware resources required).

Multi-Application

- Multiple applications on one card (depending on EEPROM-size)
- Post-issuance loading of applications
- Wide range of software producers for applet development
- Strict segregation of applications

Multi-Compatibility

- Compatible to relevant standards such as ISO 7816, ISO 14443, EMV
- Compatible to Sun Microsystems Java Card 2.2.1 specification
- Compatible to GlobalPlatform Card Specification 2.1.1

Multi-Types

- EEPROM sizes according to your needs
- Transport protocols available as needed
- Cryptography and PKI on all types
- M/Chip and VSDC applets available in ROM

ACE Advanced AX

Product Type	ACE Advanced AX
EEPROM Size range	12 – 72 Kbytes
Platform	Java Card™
Payment applications	M/Chip and VSDC
Other applications	PKI ISO 7816-3, -4 customised Java Card applications
Encryption	DES, TDES
PKI	RSA
Java Card™ Version	2.2.1
GP Version	2.1.1
Applet Loading	enabled

ACE Dual Interface AX

Product Type	ACE Dual Interface AX
EEPROM Size range	16 - 72 Kbytes
Platform	Java Card™
Payment applications	<i>PayPass™</i> M/Chip M/Chip Advance VCPS/VSDC
Other applications	PKI ISO 7816-3, -4 customised Java Card applications
Encryption	DES, TDES
PKI	RSA
Java Card™ Version	2.2.1
GP Version	2.1.1
Applet Loading	enabled
MIFARE™ emulation	optional

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