

Payment



Tag Systems' EMV chip portfolio ranges from basic to high end chip products based on Java GlobalPlatform specifications.

Java

EMV Java chip products from Tag Systems combine the best features of the GlobalPlatform Card Personalisation Specification (CPS) standards.

They allow the upload of your preferred applications (PKI, Loyalty, Domestic schemes, and others...) during personalization or by using Post Issuance functionality. These applications are developed following the Java standards.

Tag Systems provides consultancy services to assist in the development of Java product applets.

The flexibility of the new flash memory products results in a cost effective open standard based EMV chip product.

Java products are the only solution for the open world within EMV products, for contact, Dual Interface or contactless only such a 2ff card for wearables.

Native

Tag Systems also provides a variety of Native products that comply with the national needs of certain countries.

Native platforms, available in contact and Dual Interface products based on standard EMV requirements supports SDA / DDA / CDA offline data authentication.

Java

Platform	Authentication mode	EEPROM size	Specifications	EMV applications	Other applications
Contact	DDA / CDA	8 - 40K	JavaCard 2.2.x / 3.0.x GP 2.1.x / 2.2.x CPS 1.1 VIS 1.5.4 / 1.6.2 Multi-Access 2.1 CPS 1.1	VSDC 2.9.x VSDC 2.8.x / 2.9.x M/Chip Advance 1.2.x CPA Lite 1.0 D-PAS 1.1	PKI Load of Applications
Dual Interface 2ff Contactless cards for wearables	DDA / CDA	16 - 150K	JavaCard 3.0.5 GP 2.2.1 VCPS 2.1.x / 2.2.x VIS 1.5.4 / 1.6.2 Multi-Access 2.1 CPS 1.1	VSDC 2.8.x / 2.9.x M/Chip Advance 1.1/1.2.x Interac 1.5 / 1.6 D-PAS 1.1	PKI MIFARE® Classic MIFARE® DESFire®

Native

Platform	Authentication mode	EEPROM size	Specifications	EMV applications	Other applications
Contact	SDA / DDA / CDA	8 - 12K	VIS 1.5.4 JavaCard 3.0.5 CPS 1.1	VIS application D-PAS 1.1	PKI E-purse Loyalty
Dual Interface	DDA / CDA	6 - 24K	JavaCard 3.0.5 VCPS 2.1.2 VIS 1.5.4 CPS 1.1	VIS/VCPS application M/Chip Advance 1.2	PKI E-purse Loyalty

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