

Entrepreneurship over UICC

TRUE COLOR OF JAVA OPEN PLATFORM



In the past, java cards are controlled by only a few banks and telcos, individual developers and other enterprises are unable to develop applications on these java cards. SIMoME® JAR is a true Java Open Platform product that is designed to allow individual developers and other enterprises to develop applications and value-add-services on top of the regular UICC for secure relative applications.

SIMoME® is a unique and patented technology developed by TAISYS that creates a platform for services to be able to be deployed between the (U)SIM and the Mobile Equipment. The ultra-thin SIM allows for the placement of two smart cards, into the single SIM card slot of traditional single SIM slot devices, turning the mobile device into a dual SIM handset while enabling operators' VAS in any user device. With the invention of SIMoME®, the ultra slim SIM, named KingSub, can be attached to another SIM, named QueenSub, to provide additional functions and services for the user.

With the introduction of SIMoME® Java Card, native functions and features can now be written as applets and updated later via over-the-air (OTA) method as per customers' requests. This reduces development costs, increases product differentiation, enhances value to customers and also makes SIMoME® Java Card even more versatile.

SIMoME® Java Card acts as a built-in dual SIM and is designed to cater the needs of the telecommunication and the financial sector creating a win-win business model.

Applications for SIMoME® JAR and VAULT

<ul style="list-style-type: none"> Support soft SIM download and multi-IMSI switch technology. Simplify calling procedure. Allow user to download local telecommunication service according to your destination prior to traveling abroad. 	<ul style="list-style-type: none"> With mobile banking, financial institutions can offer highly customized and secure solutions to their end clients even without the use of a smartphone. The SIMoME® JAR functions as a banking applet and supports encryption algorithms, making it a security authentication form factor. 	<ul style="list-style-type: none"> No restriction of handset model. It's an open platform for all enterprise who wants to enter the mobile payment market. Support online, offline and In-APP payment.
<ul style="list-style-type: none"> With SIMoME® API, programmers will be able to build Two-Factor Authentication applications. The addition on the OTP into the user's current mobile device immediately enables OTP functionality, enabling two-factor authentication at the user's fingertips. 	<ul style="list-style-type: none"> Supporting Java encryption algorithms, SIMoME® JAR designers can program a secure SMS system allowing end users to send, deliver, and store encrypted messages securely. 	<ul style="list-style-type: none"> Support transmitting real time data depending on user's current location. Allow programmers to provide users with the most accurate information and services based on users' location.

TAISYS JAVA CARD PRODUCTS

Chip Security

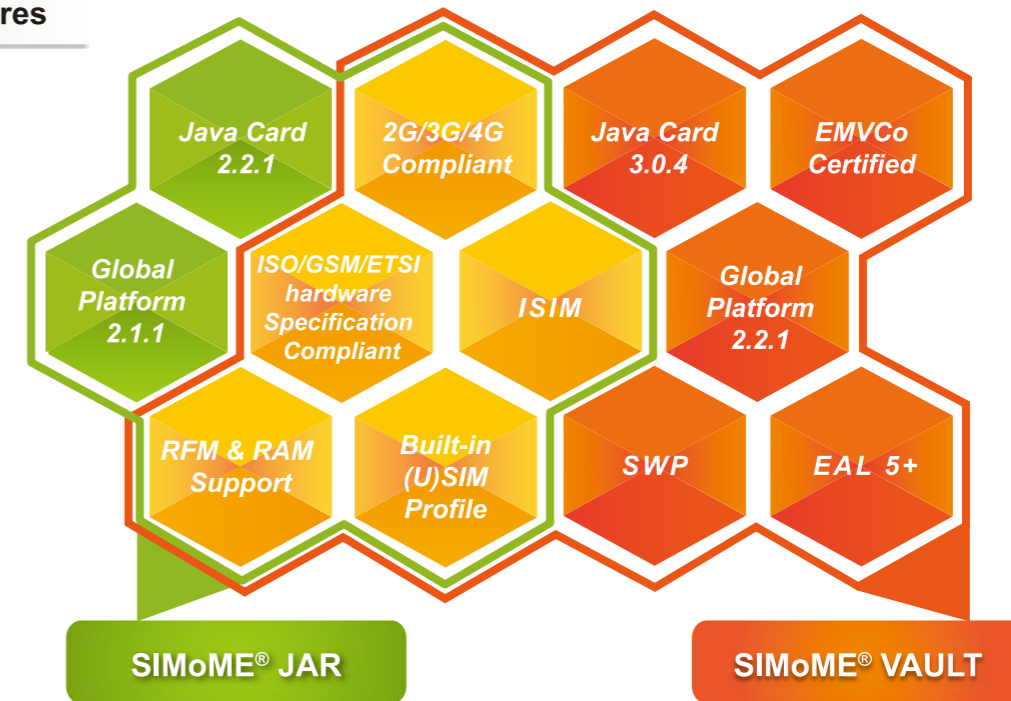
SIMoME® JAR

- True random number generator
- Hardware high speed DES and triple DES engine
- Hardware Advanced Encryption Standard(AES) engine
- High speed crypto coprocessor, up to 2048 bits RSA and ECC supported
- Monitoring of environmental parameters

SIMoME® VAULT

- True random number generator
- Hardware high speed DES and triple DES engine
- Hardware Advanced Encryption Standard(AES) engine
- High speed crypto coprocessor, up to 4096 bits RSA and ECC supported
- Monitoring of environmental parameters
- Security chip with EAL 5+ certification
- EMVCo certified crypto library

Features



SIMoME® JAR Card fully complies and supports the following form factors.

<p>Thin SIM Ultra slim / 2-in-1</p>	<p>Regular SIM Plug & play</p>	<p>Ecoffer Embedded wearable / IOT/mobile / M2M devices</p>	<p>Smart Socket To replace the existing SIM slot</p>
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