



Interconnecting  
Mobility

**ECoffer**<sup>®</sup>

**Innovative Mobile Security Solutions**



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# A total solution for the financial sector, telecom, and mobile payment

Nowadays, mobile financial service are becoming prevalent, a new kind of protection is needed to increase the security within the mobile device. Introducing Taisys ECoffer®, the next-gen security solution for consumers' mobile financial services management!

## New form factor of Taisys Solution- ECoffer®

ECoffer® is a tamper-resistant secure element to provide a secure environment for the storage and processing of sensitive data. Moreover, it combines the benefits of eSIM and SIMoME® not only supporting the remote provisioning services but also able to communicate with the world through the existing SIM beneath it. It can be incorporated into wearable devices, mobile and M2M devices, and also incorporated into IOT applications to provide infinite services and applications.

### Key Features

- Able to connect to original SIM card and communicate with it.
- Support remote provisioning.
- Support open mobile API.
- Embedded PKI processor & OTP generator.
- RFID (type A/B, Mifare)/NFC enabled for contactless payments at POS terminals.
- Support IMSI driven services not only for international mobility services but also for comprehensive solutions such as pay TV and cloud services etc.
- Customize mobile Value-Added-Service for device manufacturers.
- Enhance security features such as phone lock, PIN verification, IMSI lock, IMEI lock.
- Support Java Card 2.2.1/3.0.4 and Global Platform 2.1.1/2.2.1.
- Support Java Card RFM & RAM.
- Compliant to 2G/3G/4G and ISIM.
- Compliant to ISO/GSM/ETSI hardware specification.
- EMVCo and EAL 5+ certified.

### Deliverables

<p>2FF 3FF 4FF</p> <p><b>Thin SIM</b></p>	<p>2FF 3FF 4FF</p> <p><b>Regular SIM</b></p>	<p>Taisys VAS Chip Secure Element</p> <p><b>ECoffer</b></p>	<p><b>Smart Socket</b></p>
Ultra slim / 2-in-1	Plug & play	Embedded wearable / IOT/ mobile / M2M devices	To replace the existing SIM slot

### Key Services

Taisys provides a solution which enable enterprises to provision SIMoME® Pay and slimduet services on the ECoffer system through joining GreenRoam Alliance. With ECoffer®, enterprises who have less chance to cooperate with other companies in different industries are now able to transfer their services to mobile device for offering payment, telecom and other services.

#### The world 1<sup>st</sup> OPEN PLATFORM of mobile payment solution – SIMoME® Pay

It is an open solution not tied to any phone OS or hardware device, and creates more business opportunities for both carriers and banks and can include anyone who has longed to join the mobile payment field. With SIMoME® Pay, companies in different industries such as banks, telcos and handset makers can build up their own ecosystem for mobile payment .

Three scenarios of SIMoME® Pay

- On-line payment (Push bill)
- Off-line payment (NFC)
- In-App payment

#### The world 1<sup>st</sup> proven live ecosystem of eSIM for soft SIM OTA download service - slimduet

Mobile network operators (MNOs) are able to deliver cross-boundary telecom service using Taisys' patented SIMoME® technology and over-the-air mobile number download slimduet® APP. With slimduet®, international travelers can easily purchase and enjoy the local telecommunication service anytime, anywhere. Furthermore, value-added-services can be authorized to put on the ECoffer® to reduce the cost of card replacement but seamlessly provides various value-added services to end customers.



Download local telecom service according to destination prior to traveling abroad.



Easy to use.  
Purchase prepaid plan>  
Download number>  
Install>Switch number  
without changing SIM card



Share your journey with loved ones.



Start travel with **slimduet**  
on my way