

THE GOVERNMENT CIPHER COMMITTEE	THE SOCIALIST REPUBLIC OF VIETNAM Independence - Freedom - Happiness
No: 119/2021/GPKD-BCY	Hanoi, October 4, 2021

**LICENSE  
FOR BUSINESS OF CIVIL CRYPTOGRAPHIC PRODUCTS AND SERVICES**

**HEAD OF THE GOVERNMENT CIPHER COMMITTEE**

Pursuant to the November 19, 2015 Law on Cyberinformation Security;  
Pursuant to the Government's Decree No. 58/2016/ND-CP dated July 1, 2016 detailing the trading of civil cryptographic products and services, and the export and import of cryptographic products and services.

Considering the application for an additional license to trade in civil cryptographic products of Vietnam Mobile-based Platform Services Joint Stock Company;

At the request of the Director of the Department of Civil Cryptography Management and Cryptographic Product Inspection in Report No. 320/TTr-MMDSKD dated October 1, 2021.

**DECISION:**

**Article 1. VIETNAM MOBILE-BASED SERVICES JOINT STOCK COMPANY.**

Head office address: 4th Floor, No. 444 Hoang Hoa Tham, Ward, Thuy Khue, Tay Ho District, Hanoi, Vietnam.

Phone: 0243.9416205 Fax: 0243.9416206

Certificate of business registration, enterprise code: 0105906169 issued by Hanoi Department of Planning and Investment, first registered on May 31, 2012, registered for the 19th change, March 23 year 2021.

To trade in civil cryptographic products according to the List attached to this License.

**Article 2.** Vietnam Mobile-based Services Joint Stock Company must strictly comply with the provisions of the Law on Network Information Security and Decree No. 58/2016/ND-CP dated July 1, 2016 of the Government stipulating details on trading in civil cryptographic products and services and exporting and importing civil cryptographic products.

**Article 3.** This license for business of civil cryptographic products and services is valid from October 4, 2021 to the end of January 11, 2029, replacing the License for business of civil cryptographic products and services No. 35/ 2019/GPKD-BCY dated June 24, 2019 of the Head of the Government Cipher Committee./.

Recipients:

- As Article 1;

- Save: VT, MMDSKD. L03.4

HEAD OF THE COMMITTEE

VŨ NGỌC THIÊM

## LIST OF CIVIL CRYPTOGRAPHIC PRODUCTS ALLOWED FOR BUSINESS

(enclosed with the License for business of civil cryptographic products and services  
No.: 119/2021/GPKD-BCY dated October 4, 2021 of the Government Cipher Committee)

### 1. List of civil cryptographic products permitted for business

No.	Name of product	Standard, technical characteristics	Scope, field of supply
<b>I The product generates cryptographic keys, manages or stores cryptographic keys</b>			
1	Spyrus Rosetta microSDHC Card;  Spyrus Rosetta microSDHC TrustedFlash Card;  Spyrus Rosetta USB Series II and Series III	- Asymmetric encryption algorithm, digital signature algorithm: RSA key length (1024 bits, 2048 bits), ECDSA. - Symmetric encryption algorithm: Triple-DES mode (ECB, CBC), AES key length (128 bit, 192 bit, 256 bit) mode (ECB, CBC, CTR).	To protect information that is not a state secret; Provided to organizations and individuals in the fields of: finance, insurance, postal, telecommunication s, information technology.
2	ACOS5-64 CryptoMate Nano  ACOS5-64 Hybrid Card  ACOS5-64 PKI Card  ACOS5-64 PKI Sim Card	- Asymmetric encryption algorithm: RSA key length (2048 bits, 3072 bits, 4096 bits). - Symmetric encryption algorithm: Triple-DES key length (112 bit, 168 bit) mode (ECB, CBC), AES key length (128 bit, 192 bit, 256 bit) mode (ECB, CBC).	
<b>II Cryptographic components in the PKI system</b>			
1	Gemalto IDPrime MD831B NFC mifare Desfire EV2	- Asymmetric encryption algorithm, digital signature algorithm: RSA key length (1024 bits, 2048 bits), ECDSA. - Symmetric encryption algorithm: Triple-DES mode (ECB, CBC), AES key length (128 bit, 192 bit, 256 bit) mode (ECB, CBC, CMAC).	To protect information that is not a state secret; Provided to organizations and individuals in the fields of: finance, insurance, postal, telecommunication s, information technology.
2	Cavium LiquidSecurity CNL3560 HSM	- Asymmetric encryption algorithm, digital signature algorithm: RSA key length (1024 bits, 2048 bits, 3072 bits), ECDSA. DSA - Symmetric encryption algorithm; Triple-DES mode (ECB, CBC), AES key length (128 bit, 192 bit, 256 bit) mode (ECB, CBC, CTR, GCM).	

### 2. List of civil cryptographic services permitted for business

No.	Service name	Scope, field of supply
1	Information protection service using civil cryptographic products	To protect information that is not a state secret; Provided to organizations and individuals in the fields of: finance, insurance, postal, telecommunications, information technology.