



## Overview of CSSI supported Operating Systems and Profiles

Product Marketing Group

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## CSSI 4.9 compliance matrix for native smart card OS types

# native smart card OS and profile matrix (1)

card Operating System	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
ACOS EDU V1	EDU			
ACOS EDU V2	EDU			
ACOS A04	A-Trust	Corporate		
ACOS A05	A-Trust	Corporate		
ACOS EMV-A03	EDU	Corporate		
ACOS SMARTMX	EDU, A-Trust	Corporate		
CardOS M4	Siemens	Corporate		
CardOS 4.01	Siemens	Corporate		
CardOS 4.01(a)	Siemens	Corporate		
CardOS 4.20	Siemens	Corporate, PKCS#15, Minidriver	CNS	
CardOS 4.2B	Siemens	Corporate, PKCS#15, Minidriver	CNS	X
CardOS 4.2C	Siemens	Corporate, PKCS#15, Minidriver	CNS	
CardOS 4.2C DI	Siemens	Corporate, PKCS#15, Minidriver	CNS	
CardOS 4.30	Siemens	Corporate, PKCS#15, Minidriver	CNS	
CardOS 4.3B	Siemens	Corporate, PKCS#15, Minidriver	CNS	
CardOS 4.4	Siemens	Corporate, PKCS#15, Minidriver	CNS	

## native smart card OS and profile matrix (2)

card Operating System	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
charismathics plug'n'crypt (CardOS 4.3B)	Siemens	Corporate, PKCS#15, Minidriver	CNS	
Eutronsec ITSEC-I (CardOS M4.01a)	Siemens	Corporate, PKCS#15, Minidriver	CNS	
Eutronsec ITSEC-I (CardOS 4.3B)	Siemens	Corporate, PKCS#15, Minidriver	CNS	
Eutronsec ITSEC-P (StarCOS SPK 2.3)	AET, G&D	Corporate		
Eutronsec FIPS (StarCOS SPK 2.4)	AET, G&D	Corporate		
Feitian FIPS COS		PKCS#15		
GoldKey PIV token	PIV			
Micardo EC 2.0	Micardo			
Micardo EC 2.3	Micardo			
Micardo P2.1	Micardo			
NetKey (TCOS V2R1)	Telesec			

## native smart card OS and profile matrix (3)

card Operating Sytem	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
NetKey E4/2000	Telesec			
PAV ABACOS 2.0		PKCS#15		
StarCOS 30		Corporate, PKCS#15		
StarCOS SPK 2.3	AET, G&D	Corporate		
StarCOS SPK 2.4	AET, G&D	Corporate		
StarCOS SPK 3.0	AET, G&D	Corporate, PKCS#15		
TCOS USB Crypt Token	Telesec			
Telesec TCOS 2	Telesec			
Telesec TCOS 2.x	Telesec			
Vasco DigiPass 860 (CardOS 4.01a)		Corporate, PKCS#15		
Vasco DigiPass 860 (CardOS 4.3B)		Corporate, PKCS#15		
WatchData TimeCOSP		PKCS#15		

## CSSI 4.9 compliance matrix for Java-based cards and tokens

# Java cards and profile matrix (1)

card Operating Sytem	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
Axalto Cyberflex Access 64K V2c	ActivIdentity			
Cardlogix Java V2.2.1		Corporate, PKCS#15		
Gemalto EMV – PKI		Corporate, PKCS#15		X
Gemalto TPC DM 72K PIV	PIV, (IAS)		IAS	
Gemalto TOP IM GX4		Corporate, PKCS#15		X
GemXpresso 64k / 72k	Gemalto	Corporate, PKCS#15		X
GemXpresso Pro / R3.x		Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 64K	ActivIdentity	Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 2.0	AET, G&D	Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 2.1	AET, G&D	Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 2.1 T=0	AET, G&D	Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 3.0/3.1	AET, G&D	Corporate, PKCS#15		X
Giesecke & Devrient Sm@rtCafe Expert 3.2	AET, G&D	Corporate, PKCS#15		X

## Java cards and profile matrix (2)

card Operating Sytem	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
Giesecke & Devrient Sm@rtCafe Expert 5.0	AET, G&D	Corporate, PKCS#15		X
Idopte Token (Oberthur Cosmo V5.4)		Corporate, PKCS#15		X
JCOP 20		Corporate, PKCS#15	FINEID	X
JCOP 21 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID, INSS	X
JCOP 30	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID	X
JCOP 31 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID, INSS	X
JCOP 41 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID	X
JCOP J2 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID	
JCOP J3 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID	
JCOP J4 (all configurations)	AET, Raak Mini Driver	Corporate, PKCS#15	FINEID	
JCX32 jTOP v2		Corporate, PKCS#15		
JCX36 jTOP15 T=0		Corporate, PKCS#15		
J-IDMark		Corporate, PKCS#15		

## Java cards and profile matrix (3)

card Operating Sytem	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
KEBT KONA101		Corporate, PKCS#15		
KEBT KONA132		Corporate, PKCS#15		
KEBT KONA25		Corporate, PKCS#15		
KEBT KONA26		Corporate, PKCS#15		
Oberthur CosmopolIC v4		Corporate, PKCS#15		
Oberthur ID one Cosmo 64K V5.2	ActivIdentity	PKCS#15	INSS	
Oberthur ID one Cosmo 64K V5.4		Corporate, PKCS#15	FINEID	
Oberthur ID one Cosmo V5.2 PIV	PIV			
Oberthur ID one Cosmo V7.0	PIV	Corporate, PKCS#15	FINEID	X
Oberthur ID one Cosmo V7.0-a		Corporate, PKCS#15	FINEID	X
Oberthur ID one Cosmo V7.0-n		Corporate, PKCS#15	FINEID	X
Oberthur ID one Cosmo V7.0 IAS ECC	IAS		IAS	X
Safran Morpho / Sagem Orga J-ID Mark 64K		Corporate, PKCS#15		
Safran Morpho / Sagem Orga YPSID2		Corporate, PKCS#15		

# Java cards and profile matrix (4)

card Operating Sytem	proprietary profiles (backwards compatible only)	charismathics profiles	ID cards	MOC
Safran Morpho / Sagem Orga YPSID3 IAS ECC	IAS		IAS	
Setec SetCard+ 64K		Corporate, PKCS#15	FINEID	

## CSSI 4.9 compliance matrix for non smart card based devices

## non smart card based device matrix

Card Operating System	Proprietary Profiles (backward compatible only)	charismathics Profiles	ID cards	MOC
Privaris Plus ID 60		Corporate, PKCS#15		
Privaris Plus ID 75		Corporate, PKCS#15		
Privaris Plus ID 90		Corporate, PKCS#15		
Wibu CodeMeter Dongle		Corporate		

## CSSI 4.9 compliance matrix for Trusted Platform Modules

# Trusted Platform Modules

- **Atmel TPM 1.1 / 1.2**  
AT97SC3201, AT97SC3202, AT97SC3201S
- **Broadcom TPM 1.1 / 1.2**  
BCM5751M
- **Infineon TPM 1.1/1.2**  
SLD9630TT 1.1
- **Intel TPM 1.2**
- **ST Microelectronics TPM 1.1/1.2**  
ST19NP18, ST19WP18
- **Nuvoton TPM 1.1/1.2**  
PC21100
- **Compliance with NTRU/Infineon TPM connector**
- **Compatibility with Wave System's Embassy Trusted Suite**

## contact charismathics for more info

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