

Introduction

This document provides a list of Protection Profiles used for smart cards Common Criteria evaluations.

The intent of this document is to give an updated survey of existing protection profiles certified and still in development, and not to discuss technical details on Protection Profile.

The document provides the following information

Protection Profile

- Title
- reference, version, issuance date,
- CC version , level of assurance,
- Evaluator, certifier and official site from which PP can be down loaded,
- Issuers
- Application field, usage
- Forecast on CC V3 updating

The survey is updated regularly with new inputs on Protection Profiles availabilities.

Common Criteria evaluation and Protection Profiles information is available from the following websites

The Common Criteria portal

<http://www.commoncriteriaportal.org>

BSI: German federal office for information security

<http://www.bsi.bund.de>

CESG: UK Communications-Electronics Security Group

<http://www.cesg.gov.uk>

CSE: Communications Security Establishment

<http://www.cse.dnd.ca>

Canada's National Cryptologic Agency

DCSSI: Direction centrale de la sécurité des systèmes d'information

<http://www.ssi.gouv.fr>

JISEC: Japan Information Technology Security Evaluation and Certification Scheme

http://www.ipa.go.jp/security/jisec/jisec_e/index.html

NIAP: US National Information Assurance Partnership

<http://www.niap-ccevs.org>

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1. Certified protection profiles

Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
Devices						
PIN Entry Device	PED_PPv1_37 Version 1.37 July 2003	CC 2.1 EAL4+ Augmentation: AVA_VLA.3	Evaluator : CESG Certifier : CESG	http://www.cesg.gov.uk	APACS	Pin Entry device No usage known No updating to CC V3
Transactional Smartcard reader	PP0002 Version 2.0 February 2000	CC 2.0 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.3	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	Cyber Comm	Smart Card reader No usage known No forecast on CC V3 updating
Automatic Cash Dispensers / Teller	PP9907 Version 1.0 April 1999	CC 2.0 EAL4+ Augmentation: AVA_VLA.3	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	Bull Dassault AT Diebold NCR Siemens Nixdorf Wang Global	Automatic Cash dispenser No usage known No updating to CC V3
Integrated circuits						
JICSAP ver2.0 Protection Profile part1, Multi-Application Secure System LSI Chip Protection Profile	PP0301 Version 2.5 June 2003	CC 2.1 EAL4+ Augmentation: AVA_CAA.1 AVA_VLA.4	Evaluator : CEACI Certifier : DCSSI	http://www.ssi.gouv.fr	Japan IC Card System Application Council ECSEC	Security requirement for integrated circuit Dedicated to JICSAP Usage not known No forecast on CC V3

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						updating
Trusted Computing Platform Alliance (TCPA) Trusted Platform Module Protection Profile	PP_TCPATPM_V .1.9.7 Version 1.9.7 July 1, 2002	CC 2.1 EAL3+ Augmentation: ADV_SMP.1 ALC_FLR.1	Evaluator : CygnaCom Solutions Certifier : NIAP	http://niap.bahialab.com/cc-scheme/pp	Trusted Computing Platform Alliance	Trusted Computing Platform no update to CC V3
Security IC Platform Protection Profile	BSI_PP-0035-2007 Version 1.0 15.06.2007	CC 3.1 EAL4+ Augmentation: AVA_VAN.5 ALC_DVS.2	Evaluator : BrightSigh BV Certifier : BSI	http://www.bsi.bund.de	Sponsored by Eurosmart Developed by Atmel, Infineon, NXP, Renesas, STMicroelectronics	Smart Card IC Used for IC evaluation Base of security IC evaluation
Smartcard IC Platform Protection Profile	BSI_PP-0002-2001 Version 1.0 July 2001	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_MSU.3 AVA_VLA.4	Evaluator : BSI Certifier : BSI	http://www.bsi.bund.de	Atmel, Hitachi, Infineon ,Philips	Smart Card IC Used for IC evaluation Base of secure IC evaluation Replaced by BSI-PP-0035 for CC version 3.1.
Smartcard Integrated Circuit Protection Profile	PP9806 Version 2.0 April 1999	CC 2.0 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4	Evaluator : DCSSI Certifier : DCSSI	http://www.ssi.gouv.fr	Motorola Philips Siemens STMicroelectronics Texas-Instruments	Smart Card IC Used for IC evaluation No forecast on CC V3 updating

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
Operating systems						
JavaCard System minimal Configuration Protection Profile version 1.0b	PP0303 Version 1.0b August 2003	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.3	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	SUN	Java Card Run Time Environment Used for Java Card platform evaluation No forecast on CC V3 updating
JavaCard System Standard 2.1.1 Configuration Protection Profile version 1.0b	PP0304 Version 1.0b August 2003	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.3	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	SUN	Java Card Run Time Environment Used for Java Card platform evaluation No forecast on CC V3 updating
JavaCard System Standard 2.2 Configuration Protection Profile version 1.0b	ppcr0305 Version 1.0b August 2003	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.3	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	SUN	Java Card Run Time Environment Used for Java Card platform evaluation No forecast on CC V3 updating
Smart Card IC with Multi-Application Secure Platform	PP0010 Version 2.0 January 2001	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4	Evaluator : Serma Certifier : DCSSI	http://www.ssi.gouv.fr	EUROSMART	Multi application PP Revoked

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
Smart Card Integrated Circuit with Embedded Software	PP9911 Version 2.0 July 1999	CC 2.0 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	EUROSMART	Generic Smart Card Native OS Used for all OS native applications Updating to CC V3.1 forecasted
Smartcard embedded software	PP9810b Version 1.2 April 1999	CC 2.0 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4	Evaluator : AQL Certifier : DCSSI	http://www.ssi.gouv.fr	Schlumberger	Smart card generic embedded software No longer used No forecast on CC V3 updating
Banking applications						
BAROC Smart Card Protection Profile Version 1.2	PP0021b Version .2 18 January 2006	CC 2.2 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.4	Evaluator : TÜVIt Certifier : BSI	http://www.bsi.bund.de	BAROC/FISC	Financial Smart Card for the Taiwanese Market Updated to CC V3.1 as PP-BSI-CC-00-0038-2007
BAROC CC 3.1 Smart Card Protection Profile Version 1.0	BSI-CC-PP-0038-2007 Version 1.0 11 December 2007	CC 3.1 EAL4+ Augmentation AVA_VAN.5	Evaluator : TÜVIt Certifier : BSI	http://www.bsi.bund.de	BAROC/FISC	Financial Smart Card for the Taiwanese Market

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Smart Card Security User Group - Smart Card Protection Profile (same PP 3 evaluated in 3 different countries)	<p>SCSUGPP (DCSSI certification PP003a) Version 3.0 October 2001</p> <p>(NIST certification CR_SCP) Version 3.0 October 2001</p> <p>(DCSSI (certification PPCR0103) Version 3.0 October 2001</p>	<p>CC 2.1 EAL4+</p> <p>Augmentation: ADV_IMP.2 AVA_VLA.3</p>	<p>Evaluator : TÜViT Certifier : BSI</p> <p>Evaluator : CGI Information Systems and Management Consultants Inc Certifier : CSE (Canada)</p> <p>Evaluator : CEACI Certifier : DCSSI</p>	<p>http://www.bsi.bund.de</p> <p>http://www.cse.dnd.ca</p> <p>http://www.ssi.gouv.fr</p>	<p>Europay international/SCUG</p> <p>American Express</p> <p>Mondex</p>	<p>Generic Smart Card</p> <p>No usage known No forecast on CC V3 updating</p>
ePassport						
Protection Profile for Machine Readable Travel Document with "ICAO Application", Extended Access Control	<p>PP-0026 Version 1.1 September 2006</p>	<p>CC 2.3 EAL4+</p> <p>Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_MSU.3 AVA_VLA.4</p>	<p>Evaluator : TÜViT Certifier : SRC</p>	<p>http://www.bsi.bund.de</p>	<p>BSI for Federal Ministry of Interior (Ger)</p>	<p>ICAO Travel document Extended Access Control</p> <p>Used for ePassport evaluation No forecast on CC V3 updating</p>

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
Protection Profile for Machine Readable Travel Document with "ICAO Application", Extended Access Control	PP-0026 Version 1.2 November 19 2007 Assurance continuity report BSI-PP-0026-MA-01 30 January 2008	CC 2.3 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_MSU.3 AVA_VLA.4	Evaluator : TÜViT Certifier : SRC	http://www.bsi.bund.de	BSI for Federal Ministry of Interior (Ger)	ICAO Travel document Extended Access Control Used for ePassport evaluation No forecast on CC V3 updating
Protection Profile for Machine Readable Travel Document with "ICAO Application", Basic Access	PP0017 Version 1.0 26 October 2005	CC 2.2 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2	Evaluator : SRC Certifier : BSI	http://www.bsi.bund.de	BSI for Federal Ministry of Interior (Ger)	ICAO Travel document Basic Access Control Used for ePassport evaluation No forecast on CC V3 updating
ePurse						
Intersector Electronic Purse and Purchase Device (version without last purchase cancellation)	PP0101 Version 1.3 March 2001	CC 2.1 EAL4+ Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4	Evaluator : SCSSI Certifier : DCSSI	http://www.ssi.gouv.fr	SFPMEI	Electronic purse Used for Moneo e-Purse evaluation Updating to CC V3.1 ongoing
Intersector Electronic Purse and Purchase Device	PP9909 Version 1.2 April 1999	CC 2.0 EAL4+	Evaluator : SCSSI Certifier : DCSSI	http://www.ssi.gouv.fr	SFPMEI GieCB	Electronic purse No longer used

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
		Augmentation: ADV_IMP.2 ALC_DVS.2 AVA_VLA.4				Replaced by PP0101
Intersector Electronic Purse and Purchase Device (Version for Pilot Schemes)	PP9908 (pilote) Version 1.2 April 1999	CC 2.0 EAL1+ Augmentation: AVA_VLA.2	Evaluator : SCSSI Certifier : DCSSI	http://www.ssi.gouv.fr	SFPMEI GieCB	Electronic purse No longer used Replaced by PP0101
Protection Profile for Contact and Contact free Electronic Wallet	PP9903 Version 1.2 April 1999	CC 2.0 EAL4+ Augmentation: ADV_IMP.2 AVA_VLA.4	Evaluator : Serma Certifier : DCSSI	http://www.ssi.gouv.fr	RATP/SNCF	Electronic purse for transportation application No usage known No forecast on CC V3 updating
Electronic Signature						
Protection Profile – Secure Signature-Creation Device Type 3	PP0006b Version 1.05 April 2002	CC 2.1 EAL4+ Augmentation: AVA_MSU.3 AVA_VLA.4	Evaluator : TÜViT Certifier : BSI	http://www.bsi.bund.de	CEN/ISSS	Electronic signature application Used for electronic Signature evaluation Updating to CC V3 ongoing
Protection Profile – Secure Signature-Creation Device Type 2	PP0005b Version 1.04 April 2002	CC 2.1 EAL4+	Evaluator : TÜViT Certifier : BSI	http://www.bsi.bund.de	CEN/ISSS	Electronic signature application

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
		Augmentation: AVA_MSU.3 AVA_VLA.4				Used for electronic Signature evaluation Updating to CC V3 ongoing
Protection Profile – Secure Signature-Creation Device Type 1	PP0004b Version 1.05 April 2002	CC 2.1 EAL4+ Augmentation: AVA_MSU.3 AVA_VLA.4	Evaluator : TÜViT Certifier : BSI	http://www.bsi.bund.de	CEN/ISSS	Electronic signature application Used for electronic Signature evaluation Updating to CC V3 ongoing
Health cards						
Protection Profile electronic Health Card (eHC)	BSI-PP-0020-V2- 2007 V 2.0 January 20th 2007	CC 2.3 EAL4+ Augmentation ADV_IMP.2 ADV_MSU.3 AVA_VLA.4	Evaluator : T- System Certifier : BSI	http://www.bsi.bund.de	SRC for Federal Ministry of health (Ger)	German health card Used for German Health card with signature No forecast on CC V3 updating
Protection Profile electronic Health Card (eHC)	BSI-PP-0020-V2- 2007 V 2.5 January 2 2008 Assurance continuity report BSI-PP-0020-V2- 2007- MA-01 March 26 2008	CC 2.3 EAL4+ Augmentation ADV_IMP.2 ADV_MSU.3 AVA_VLA.4	Evaluator : T- System Certifier : BSI	http://www.bsi.bund.de	SRC for Federal Ministry of health (Ger)	German health card Used for German Health card with signature No forecast on CC V3 updating

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
Protection Profile for electronic Health Card (eHC)	PP0020 Version 1.02 14 December 2005	CC 2.2 EAL4+ Augmentation ADV_IMP.2 ADV_MSU.3 AVA_VLA.4	Evaluator : T-System Certifier : BSI	http://www.bsi.bund.de	SRC for Federal Ministry of health (Ger)	German health card Used for German Health card No forecast on CC V3 updating
Protection Profile for Secure Module Card (SMC) - Sicherheitsmodul-Karte	PP0019 Version 1.0 February 2006	CC 2.2 EAL4+ Augmentation: ADV_IMP.2 AVA_MSU.3 AVA_VLA.4	Evaluator : SRC Certifier : BSI	http://www.bsi.bund.de	T-System for Federal Ministry of health (Ger)	Secure Module Card for German health care Used for German Health card No forecast on CC V3 updating
Protection Profile for Health Professional Card (HPC)	PP0018 Version 1 .0 14 December 2005	CC 2.2 EAL4+ Augmentation ADV_IMP.2 AVA_MSU.3 AVA_VLA.4	Evaluator : SRC Certifier : BSI	http://www.bsi.bund.de	T-System for Federal Ministry of health (Ger)	German professional health card Used for German Health card No forecast on CC V3 updating
Protection Profile for Health Professional Card (HPC)	PP0018 Version 1 .1 2 April 2007 Assurance	CC 2.2 EAL4+ Augmentation ADV_IMP.2 AVA_MSU.3	Evaluator : SRC Certifier : BSI	http://www.bsi.bund.de	T-System for Federal Ministry of health (Ger)	German professional health card Used for German Health card No forecast on CC V3

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Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Application field Usage Forecast
	continuity report BSI-PP-0018-MA-01 5 April 2007	AVA_VLA.4				updating

2. Protection profiles under development

Protection Profile Title	References	CC version Level	Evaluator/Certifier	Website	Issuers	Usage/Updating to CC V3
Protection Profile – Authentication Device (PKI based)	PP-DAUTH version 1.2, September 2006	3.1 EAL4+	Evaluator : _ Certifier : DCSSI	Not yet available	CEN	Intended use for authentication and Identification applications
Application de création de signature électronique	PP ACSE PP NC0504 Version 1.0 February 2005	2.2 EAL4+	Evaluator : _ Certifier : DCSSI	http://www.ssi.gouv.fr	DCSSI	Electronic signature application (for French administration) No forecast on CC V3 updating
Trusted Computing Group PC Client Trusted Platform Module TPM Family 1.2; Level 2 Protection Profile	--- Version 1.0, April 10 2008	3.1 EAL4+	Evaluator : TüVIT Certifier : BSI	Under evaluation/certification process	Trusted Computing Group (TCG)	Trusted Computing