



NSAI
Standards

Irish Standard
I.S. EN 419211-3:2013

Protection profiles for secure signature creation device - Part 3: Device with key import

I.S. EN 419211-3:2013

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces:

CWA 14169:2004

This document is based on:
EN 419211-3:2013

Published:
5 November, 2013

This document was published
under the authority of the NSAI
and comes into effect on:
5 November, 2013

ICS number:

03.160

35.040

35.240.15

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 419211-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2013

ICS 03.160; 35.040; 35.240.15

Supersedes CWA 14169:2004

English Version

Protection profiles for secure signature creation device - Part 3: Device with key import

Profils de protection des dispositifs sécurisés de création de
signature - Partie 3: Dispositif avec import de clé

Schutzprofile für sichere Signaturerstellungseinheiten - Teil
3: Einheiten mit Schlüsselimport

This European Standard was approved by CEN on 14 September 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 419211-3:2013 (E)

Contents

Foreword	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 PP introduction	5
4.1 PP reference	5
4.2 PP overview	5
4.3 TOE overview	6
5 Conformance claims	11
5.1 CC conformance claim	11
5.2 PP claim, Package claim	11
5.3 Conformance rationale	11
5.4 Conformance statement	11
6 Security problem definition	12
6.1 Assets, users and threat agents	12
6.2 Threats	12
6.3 Organisational security policies	13
6.4 Assumptions	14
7 Security objectives	14
7.1 Security objectives for the TOE	14
7.2 Security objectives for the operational environment	16
7.3 Security objectives rationale	18
8 Extended components definition	22
9 Security requirements	23
9.1 Security functional requirements	23
9.2 Security assurance requirements	38
9.3 Security requirements rationale	39
Bibliography	45

Foreword

This document (EN 419211-3:2013) has been prepared by Technical Committee CEN/TC 224 "Personal identification, electronic signature and cards and their related systems and operations", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CWA 14169:2004.

This document was submitted to the CEN Enquiry under reference prEN 14169-3.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 419211-3:2013 (E)

Introduction

This series of European Standards specifies Common Criteria protection profiles for secure signature creation devices and is issued by the European Committee for Standardization, Information Society Standardization System (CEN/ISSS) as update of the Electronic Signatures (E-SIGN) CEN/ISSS workshop agreement (CWA) 14169:2004, Annex B and Annex C on the protection profile secure signature creation devices, "EAL 4+".

This series of European Standards consists of the following parts:

- *Protection profiles for secure signature creation device — Part 1: Overview;*
- *Protection profiles for secure signature creation device — Part 2: Device with key generation;*
- *Protection profiles for secure signature creation device — Part 3: Device with key import;*
- *Protection profiles for secure signature creation device — Part 4: Extension for device with key generation and trusted channel to certificate generation application;*
- *Protection profiles for secure signature creation device — Part 5: Extension for device with key generation and trusted channel to signature creation application;*
- *Protection profiles for secure signature creation device — Part 6: Extension for device with key import and trusted channel to signature creation application.*

Preparation of this document as a protection profile (PP) follows the rules of the Common Criteria version 3.1 [2], [3] and [4].



This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- Looking for additional Standards? Visit Intertek Inform Infostore
- Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation