



**UK IT SECURITY EVALUATION
AND CERTIFICATION SCHEME**

ABBREVIATIONS AND REFERENCES

**Issue 1.4
January 2008**

© Crown Copyright 2008 - All Rights Reserved

Reproduction is authorised provided the
document is copied in its entirety.

UK IT Security Evaluation and Certification Scheme
Certification Body, CESG (A2h),
Hubble Road,
Cheltenham, Glos GL51 0EX
United Kingdom

UK IT Security Evaluation and Certification Scheme Abbreviations and References

FOREWORD

The UK IT Security Evaluation and Certification Scheme has been established to evaluate and certify the trustworthiness of security features in Information Technology products and systems.

This document provides a list of abbreviations and a list of references, and is for use in conjunction with other publications issued by the Scheme.

Nigel Jones
Senior Executive
UK IT Security Evaluation and Certification Scheme

In the event of any questions concerning this publication, or for further information, please consult the Certification Body.

Address: UK IT Security Evaluation and Certification Scheme
Certification Body
CESG (A2h)
Hubble Road
Cheltenham
Glos GL51 0EX
United Kingdom

Telephone: +44 (0)1242 238739

Facsimile: +44 (0)1242 709194

E-mail: iacs@cesg.gov.uk

Web-site: <http://www.cesg.gov.uk>

**UK IT Security Evaluation and Certification Scheme
Abbreviations and References**

AMENDMENT RECORD

Amendments to this document will be published as and when required.

Issue Number	Major Changes	Date
1.0	Version for use with revised certification processes.	July 2005
1.1	Minor change – details for UKSP02 Part II included on its release	December 2005
1.2	Minor change <ul style="list-style-type: none">- details for the 'Guidance to Sponsors on TOE Scoping' included on its release- CC version 2.3 referenced	January 2006
1.3	Minor change <ul style="list-style-type: none">- reference latest versions of UKSP01 and UKSP02 Part II- note where CC-related documents may be obtained from the CC website- note that the IACS Management Office may be consulted where access to ITSEC documentation is desired	March 2006
1.4	Major updates <ul style="list-style-type: none">- Added abbreviation entries: ISO, PP, ST- Updated information on all entries- Added Obsolescent Document section	January 2008

**UK IT Security Evaluation and Certification Scheme
Abbreviations and References**

CONTENTS

I. ABBREVIATIONS	1
II. REFERENCES.....	2
Mutual Recognition	2
UK CC and ITSEC Scheme Documents	3
Common Criteria	4
European Harmonised IT Security Evaluation Criteria (ITSEC)	5
Smartcards.....	6
Accreditation Standards	7
III. OBSOLESCEMENT DOCUMENTS.....	8
Mutual Recognition	8
UK CC and ITSEC Scheme Documents	8
Common Criteria	8
European Harmonised IT Security Evaluation Criteria (ITSEC)	8
Smartcard	8
Accreditation Standards	8

UK IT Security Evaluation and Certification Scheme Abbreviations and References

I. ABBREVIATIONS

CB	Certification Body
CC	Common Criteria For Information Technology Security Evaluation
CCRA	Common Criteria Recognition Agreement
CEM	Common Methodology For Information Technology Security Evaluation
CESG	(originally an abbreviation of Communications – Electronics Security Group)
CLEF	Commercial Evaluation Facility
CMS	Certificate Maintenance Scheme
EAL	Evaluation Assurance Level
ETR	Evaluation Technical Report
HMG	Her Majesty's Government
IACS	Information Assurance and Certification Services
ISO	International Standards Organisation
IT	Information Technology
ITSEC¹	Information Technology Security Evaluation Criteria
ITSEM	Information Technology Security Evaluation Manual
OR	Observation Report
ORSR	Observation Report Status Register
PP	Protection Profile
Scheme	UK IT Security Evaluation and Certification Scheme
ST	Security Target
TOE	Target of Evaluation
UKAS	United Kingdom Accreditation Service
UKSP	United Kingdom Scheme Publication

For further information, please refer to Chapter 4 *Terms and Definitions* and Chapter 5 *Symbols and Abbreviated Terms* in Common Criteria Part 1.

¹ Note also that the 'Scheme' is sometimes referred to as the UK ITSEC Scheme.

UK IT Security Evaluation and Certification Scheme Abbreviations and References

II. REFERENCES

Mutual Recognition

These references are agreements relating to the international recognition of certificates. [a] and [b] are applicable to CC certificates and [b] and [c] to ITSEC certificates.

Note that ITSEC-specific documents are no longer published on www.cesg.gov.uk. The IACS Management Office may be consulted where access to [c] is desired, using the contact information on page ii above.

- [a] Arrangement on the Recognition of Common Criteria Certificates in the Field of Information Technology Security, May 2000.
<http://www.cesg.gov.uk/site/iacs/itsec/media/formal-docs/ccra.pdf>
- [b] Mutual Recognition Agreement of Information Technology Security Evaluation Certificates, Management Committee of Agreement Group, Version 2.0, April 1999.
<http://www.cesg.gov.uk/site/iacs/itsec/media/formal-docs/MRA99.pdf>
- [c] Memorandum of Understanding between Australasian Information Security Evaluation Program and UK Information Technology Security Evaluation and Certification Scheme, December 2002.

UK IT Security Evaluation and Certification Scheme

Abbreviations and References

UK CC and ITSEC Scheme Documents

These organisation and methodology references relate to the process of evaluation and certification under the UK Scheme, for both CC and ITSEC. Except where indicated otherwise, they are all available at: <http://www.cesg.gov.uk/site/iacs/index.cfm?menuSelected=1&displayPage=18>.

- [d] UK Scheme Publication No. 1: Description of the Scheme, UK IT Security Evaluation and Certification Scheme, UKSP 01, Issue 6.1, March 2006.
- [e] UK Scheme Publication No. 2: CLEF Requirements, Part I - Start Up and Operation, UK IT Security Evaluation and Certification Scheme, UKSP 02: Part I, Issue 4.0, April 2003.
- [f] UK Scheme Publication No. 2: CLEF Requirements, Part II - Conduct of an Evaluation, UK IT Security Evaluation and Certification Scheme, UKSP 02: Part II, Issue 2.1, March 2006.
- [g] UK Scheme Publication No. 3: Sponsor's Guide², Role of Sponsor in IT Security Evaluation and Certification, UK IT Security Evaluation and Certification Scheme, UKSP 03, Issue 2.0, July 2005.
- [h] Guidance to Sponsors on TOE Scoping, UK IT Security Evaluation and Certification Scheme, Issue 1.0, January 2006.
- [i] Guidance to Sponsors on TOE Scope Information³, UK IT Security Evaluation and Certification Scheme, Issue 1.0, July 2005.
- [j] Abbreviations and References (**this document**), UK IT Security Evaluation and Certification Scheme, Issue 1.4, January 2008.
- [k] UK CB Standard Certification Work Programme, UK IT Security Evaluation and Certification Scheme, Issue 1.0, 20 November 2007.
- [l] UK National Interpretations for Common Criteria, UK IT Security Evaluation and Certification Scheme, As listed at <http://www.cesg.gov.uk/site/iacs/index.cfm?menuSelected=1&displayPage=116>
- [m] Directory of Infosec Assured Products, CESG Publications Department, *Issued Annually*, Current version is at: <http://www.cesg.gov.uk/site/publications/media/directory.pdf>

² A task is in hand to subsume the Guidance to Sponsors documents (items [h] and [i]) into the Sponsor's Guide, UKSP 03.

³ This document includes some CC examples which will be updated for conformance with CC version 3 in due course.

UK IT Security Evaluation and Certification Scheme Abbreviations and References

Common Criteria

These criteria and methodology references are CC-specific. Note that [n] - [q] below are specific to CC version 2.3, and [r] - [u] below are specific to CC version 3.1.

See www.commoncriteriaportal.org/public/expert/index.php?menu=2 for references [n] - [w].

See www.commoncriteriaportal.org/public/expert/index.php?menu=6 for *Supporting Documentation*.

- [n] Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and General Model, Common Criteria Maintenance Board, CCMB-2005-08-001, Version 2.3, August 2005.
- [o] Common Criteria for Information Technology Security Evaluation, Part 2: Security Functional Requirements, Common Criteria Maintenance Board, CCMB-2005-08-002, Version 2.3, August 2005.
- [p] Common Criteria for Information Technology Security Evaluation, Part 3: Security Assurance Requirements, Common Criteria Maintenance Board, CCMB-2005-08-003, Version 2.3, August 2005.
- [q] Common Methodology for Information Technology Security Evaluation, Evaluation Methodology, Common Criteria Maintenance Board, CCMB-2005-08-004, Version 2.3, August 2005.
- [r] Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and General Model, Common Criteria Maintenance Board, CCMB-2006-09-001, Version 3.1 Revision 1, September 2006.
- [s] Common Criteria for Information Technology Security Evaluation, Part 2: Security Functional Components, Common Criteria Maintenance Board, CCMB-2007-09-002, Version 3.1 Revision 2, September 2007.
- [t] Common Criteria for Information Technology Security Evaluation, Part 3: Security Assurance Components, Common Criteria Maintenance Board, CCMB-2007-09-003, Version 3.1 Revision 2, September 2007.
- [u] Common Methodology for Information Technology Security Evaluation, Evaluation Methodology, Common Criteria Maintenance Board, CCMB-2007-09-004, Version 3.1 Revision 2, September 2007.
- [v] Assurance Continuity, CCRA Requirements, Common Criteria Interpretations Management Board, CCIMB-2004-02-009, Version 1.0, February 2004.
- [w] International Interpretations for Common Criteria, Common Criteria Maintenance Board, Any interpretations will be listed at <http://www.commoncriteriaportal.org>.

UK IT Security Evaluation and Certification Scheme Abbreviations and References

European Harmonised IT Security Evaluation Criteria (ITSEC)

These criteria and methodology references are ITSEC-specific.

Note that ITSEC-specific documents are no longer published on www.cesg.gov.uk. The IACS Management Office may be consulted where access to this documentation is desired, using the contact information on page ii above.

- [x] Information Technology Security Evaluation Criteria (ITSEC),
Commission of the European Communities,
Version 1.2, June 1991.

- [y] Information Technology Security Evaluation Manual (ITSEM),
Commission of the European Communities,
ECSC-EEC-EAEC, Version 1.0, September 1993.

- [z] ITSEC Joint Interpretation Library (JIL),
Joint Interpretation Working Group,
Version 2.0, November 1998.

- [aa] UK Scheme Publication No. 4: Developers' Guide,
Part II: Reference for Developers Using ITSEC,
UK IT Security Evaluation and Certification Scheme,
UKSP 04 Part II, Issue 2.0, November 2002.

- [bb] UK Scheme Publication No. 4: Developers' Guide,
Part III: Advice to Developers Using ITSEC,
UK IT Security Evaluation and Certification Scheme,
UKSP 04 Part III, Issue 2.1, October 2003.

- [cc] UK Scheme Publication No. 5: Manual of Computer Security Evaluation,
Part III, Evaluation Techniques and Tools using ITSEC,
UK IT Security Evaluation and Certification Scheme,
UKSP 05 Part III, Issue 3.1, October 2003.

- [dd] UK Scheme Publication No. 16: UK Certificate Maintenance Scheme,
Part I: Description of the CMS,
UK IT Security Evaluation and Certification Scheme,
UKSP 16 Part I, Issue 1.0, July 1996.

- [ee] UK Scheme Publication No. 16: UK Certificate Maintenance Scheme,
Part II: Impact Analysis and Evaluation Methodology,
UK IT Security Evaluation and Certification Scheme,
UKSP 16 Part II, Issue 1.0, July 1996.

- [ff] Scheme Information Notices,
UK IT Security Evaluation and Certification Scheme.

UK IT Security Evaluation and Certification Scheme Abbreviations and References

Smartcards

These references are specific to smartcard evaluations. References [gg] - [mm] relate to the evaluation process for CC, and will be updated for conformance to Version 3 in due course. Reference [nn] relates to the standards required of hardware evaluation labs.

See <http://www.commoncriteriaportal.org/public/expert/index.php?menu=6> for references [gg] – [mm].

- [gg] Smartcard Evaluation,
Common Criteria, Supporting Document, Guidance,
Version 1.3, Revision 1, March 2006, CCDB-2006-04-001.
<http://www.commoncriteriaportal.org/public/files/CCDB-2006-04-001.pdf>
- [hh] Application of Attack Potential to Smartcards,
Common Criteria, Supporting Document, Mandatory Technical Document,
Version 2.3, Revision 1, April 2007, CCDB-2007-04-001.
<http://www.commoncriteriaportal.org/public/files/CCDB-2007-04-001.pdf>
- [ii] The Application of CC to Integrated Circuits,
Common Criteria, Supporting Document, Mandatory Technical Document,
Version 2.0, Revision 1, April 2006, CCDB-2006-04-003.
<http://www.commoncriteriaportal.org/public/files/CCDB-2006-04-003.pdf>
- [jj] Composite product evaluation for Smart Cards and similar devices,
Common Criteria, Supporting Document, Mandatory Technical Document,
Version 1.0, Revision 1, September 2007, CCDB-2007-09-001.
<http://www.commoncriteriaportal.org/public/files/CCDB-2007-09-001%20-%20Composite%20product%20evaluation%20for%20Smartcards%20and%20similar%20devices%20v1-0.pdf>
- [kk] ST-Lite,
Common Criteria, Supporting document, sponsored by BSI,
Version 1.1, July 2002.
http://www.ssi.gouv.fr/site_documents/JIL/JIL-ST-lite_V1-1.pdf
- [ll] ETR-Lite for Composition,
Common Criteria, Supporting document, sponsored by BSI,
Version 1.1, July 2002.
<http://www.commoncriteriaportal.org/public/files/2002-08-003.pdf>
- [mm] ETR-Lite for Composition:
Annex A Composite smartcard evaluation: Recommended best practice
CC Supporting document, sponsored by DCSSI,
Version 1.2, March 2002.
<http://www.commoncriteriaportal.org/public/files/2002-07-017a.pdf>
- [nn] Requirements to perform Integrated Circuit Evaluations,
Joint Interpretation Working Group.
Version 1.0, April 2006, 2006-04-007.
<http://www.commoncriteriaportal.org/public/files/CCDB-2006-04-007.pdf>
- [oo] ETR template for composite evaluation of Smart Cards and similar devices
Common Criteria, Supporting Document, Guidance,
Version 1.0, Revision 1, September 2007, CCDB-2007-09-002.
<http://www.commoncriteriaportal.org/public/files/CCDB-2007-09-002%20-%20ETR%20template%20for%20composition%20v1-0.doc>

UK IT Security Evaluation and Certification Scheme Abbreviations and References

Accreditation Standards

These references are standards which apply to the accreditation of CLEFs and the Certification Body.

- [pp] General Requirements for the Competence of Testing and Calibration Laboratories, International Organisation for Standardisation, Edition 2, May 2005, ISO/IEC 17025:2005, Corrigenda: ISO/IEC 17025:2005/Cor 1:2006.
- [qq] General Requirements for Bodies Operating Product Certification Systems, BS EN 45011:1998 (ISO/IEC Guide 65:1996).

UK IT Security Evaluation and Certification Scheme

Abbreviations and References

III. OBSOLESCENT DOCUMENTS

The references below have entered into obsolescence (ie they are out-of-date, but may still be useful).

Mutual Recognition

(None at present.)

UK CC and ITSEC Scheme Documents

(None at present.)

Common Criteria

- [rr] Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and General Model, Common Criteria Maintenance Board, CCMB-2005-07-001, Version 3.0 Revision 2, June 2005.
- [ss] Common Criteria for Information Technology Security Evaluation, Part 2: Security Functional Components, Common Criteria Maintenance Board, CCMB-2005-07-002, Version 3.0 Revision 2, July 2005.
- [tt] Common Criteria for Information Technology Security Evaluation, Part 3: Security Assurance Components, Common Criteria Maintenance Board, CCMB-2005-07-003, Version 3.0 Revision 2, July 2005.
- [uu] Common Methodology for Information Technology Security Evaluation, Evaluation Methodology, Common Criteria Maintenance Board, CCMB-2005-07-004, Version 3.0 Revision 2, July 2005.

Additional obsolescent CC documents may be found at <http://www.commoncriteriaportal.org>.

European Harmonised IT Security Evaluation Criteria (ITSEC)

- [vv] UK Scheme Publication No. 5: Manual of Computer Security Evaluation, Part V, Generic Potential Vulnerabilities, UK IT Security Evaluation and Certification Scheme, UKSP 05 Part V, Issue 1.0, 30 July 1997.

Smartcard

(None at present.)

Accreditation Standards

(None at present.)