

CEN/ISSS WS/E-Sign N 0209

Berlin/2002-09-10

Title:

Business Plan for the CEN/ISSS Workshop on Electronic Signatures CEN/ISSS WS/E-SIGN 2002 -2003

Source:

WS/E-Sign Chairman and Secretariat

Background/Content/Remarks:

The document contains the draft WS/E-Sign Business Plan 2002-2003 as discussed during the Barcelona meeting and finalized by the WS/E-Sign Chairman and Secretary in contact with the CEN/ISSS Director.

The draft is submitted for consideration and approval at the forthcoming WS/E-Sign meeting in Sophia Antipolis under Agenda item 5.0.

Those who can not attend the Sophia Antipolis meeting will be asked to comment and vote on the BP electronically by use of the attached voting form.*

The received electronic votes will be taken into the consideration in the BP approval process during the meeting.

Pages:

14 + 3 (Attachement 1) + 9 (Attachement 2) + 1 (Voting Form)

Actions:

For information and comment.

The BP 2003 - 2003 will be on the agenda of the WS/E-Sign meeting in Sophia Antipolis at 26 September for consideration and approval.

*Electronic vote ends on: **2002-09-23**.

Business Plan 2002 - 2003
for the
CEN/ISSS Workshop on Electronic Signatures
CEN/ISSS WS/E-SIGN

1. Status of this Business Plan

During its meetings in 2001 and early 2002 WS/E-Sign has discussed the overall status of the work, ongoing activities and the need for further activities (see Annex 1).

Subsequently the Commission and CEN/ISSS finalized their negotiations for an additional funding of the E-Sign WS. The originally agreed budget will be enlarged in order to allow the maintenance and re-formulation of the deliverables, where appropriate, in the light of the comments made by the Commission's experts in the context of the proposals to the Article 9 Committee, and of other maintenance issues that have come to light.

This is the first draft of the WS/E-Sign Business Plan 2002/2003 (BP) for discussion and comment.

Final consideration and approval of the BP is planned for the WS/E-Sign meeting at 26 September 2002 in Sophia Antipolis.

2. Workshop Supporters

This Business Plan is supported by the existing membership of WS/E-SIGN, of which the current list is given in Annex 2 (companies and their representatives).

3. Workshop objectives

The Workshop will continue the work that was started early 2000 in response to the requirements identified by the European Electronic Signature Standardization Initiative (EESSI), to produce a set of standards, enabling the use of electronic signatures in line with the Electronic Signatures Directive.

The CEN/ISSS activities will be fully co-ordinated with those carried out by ETSI.

An overview of WS/E-Sign activities and approved CWAs is given in Annex 1.

The feeling that the set of produced CWAs is wide-ranging and well comprehensive, was shared by almost every WS member. The EESSI standardization process should not go too deep into detail, with new specifications, in order to achieve total interoperability: at the current stage of technology and of technical specifications, this is a task that only the IT producers can multilaterally achieve.

Besides new projects to complete the set of necessary specifications for the application of electronic signatures in the scope of WS/E-Sign, maintenance projects for approved CWAs are an important part of the ongoing Workshop.

Maintenance includes:

- updating of references to specifications outside the EESSI domain,

- incorporating new experiences and developments,
- fine tuning with other EESSI specifications.

4 Workshop's Work Programme

The "Area X" references relate to the EESSI report that was originally the basis of this Workshop's work programme. In some cases, the Workshop decided to split a specific area into several sub-areas, and additional codes have been added for new areas identified since the start of the work.

4.1 Area AA2: Advanced and non advanced electronic signatures and their informative value (relevance as legal evidence)

4.1.1 Scope

Analysis of a series of advanced and non advanced electronic signatures outlining their evidential properties and the nature of information they express, considering their specific technical qualities/features. This work seems necessary in consideration of the very generic implementation the directive 93/1997/EC has had in national legislation: only exceptionally (e.g. in Italy) the law provides a regulation for the relevance of non-qualified electronic signatures, distinguishing between advanced and non-advanced signatures. Some background information can be helpful in order to avoid too different regulations or having to leave problems to the courts.

4.1.2 Timeframe

Target date for approval of the CWA: Q1 2003

4.1.3 Resources

The drafting of each CWA will be done in a Project Team; the total resource allocated to these Project Teams is 3 man months. The team shall be of 2 lawyers (one expert in common law, and one in civil law) and a technical expert, with specific knowledge of the morphology of the signature and the features of signature creation and verification procedures. A great familiarity with the original AA2 deliverable is preferred.

4.1.4 Deliverables

One CWA

4.1.5 Timetable

- Call for Experts: after the final approval of the AA2 deliverable,
- 1st Meeting of the Project Team: October 2002,
- Interim Report: draft document, for discussion at the November 2002 meeting,
- Revised version of the CWA online before the meeting closing Q1 2003,
- Final approval at the WS meeting closing Q1 2003.

4.2 Reformulation of CWA 14167-1. Area D1: Security requirements for trustworthy systems and products (Work Item - already approved by the Workshop for 2000-2001)

4.2.1 Scope

The D2 deliverable CWA 14167-2 has been formalised in a PP based on the Common Criteria (ISO 15408), with the following title : «*Security requirements for a cryptographic module usable in trustworthy systems*».

“Common Criteria” is the only security assessment scheme with global relevance.

Crypto Boxes are a core device of a CSP issuing QCs, the security assessment of which cannot be made in the long term according to a national security scheme. The European Commission is deliberating an additional extraordinary funding for the reformulation of CWA 14167-1 in order to make, it as far as applicable, formally symmetrical to the CWA 14167-2: to that scope an expert team will re-formulate the existing deliverable in order to propose the technical security requirements in the form of a Common Criteria Protection Profile. Subsequently using the extraordinary funding of the Commission, the evaluation of the PP will be carried out and then it will be officially registered.

4.2.2 Resources

Initial re-drafting of the CWA has been started by Project Team experts in charge of Area D1. Considering this initial work, a newly selected Project Team spending maximally 9 man months in total, should finish the CWA drafting by January 2003

4.2.3 Timeframe

Target Date for approval as CWA: early Q1/2003

4.2.4 Deliverable

New version of CWA 14167-1

4.2.5 Timetable

- Call for Experts: mid August 2002,
- 1st Meeting of the Project Team: September 2002,
- Interim Report: draft document, for discussion at the November 2002 meeting,
- Revised version of the CWA online before the end of 2002,
- Final approval eventually on-line voting or at the January meeting of the WS.

4.3 Area K: Interoperability Requirements for smart cards used as SSCDs (Work Item - already approved by the Workshop for 2001)

The European Directive on electronic signatures (93/1999/EC) with the procedure set out in articles 3, 8 and 9 is one of the first examples of co-regulation, i.e. a structured interaction between top-down regulation and self-regulation. The Directive needs a reliable set of technical standards (not just one) in order to achieve its goal to combine the need of regulation with the needs of innovation and free competition. To support such ambitious goals the European Union has promoted and funded the European Electronic Signature Standardization Initiative. Despite its name, EESSI has attracted active interest also from American and Asian organizations. Until now these standards regarding Secure Signature Creation Devices (SSCDs) contain requirements which are not restricted to special devices representing SSCDs.

4.3.1 Scope/Characteristics

Interoperability Requirements for smart cards used as SSCDs - Use of smart cards for creating electronic signatures and storage of other PKI objects.

The following facts that show a clear need for defining interoperability requirements for smart cards as an example for SSCDs:

- a) Smart cards have already proven their reliability in practice in respect of
 - i. quality assurance (successful evaluations)
 - ii. interoperability issues (existing international and national standards), which can be used as base for the elaboration of the CWA
- b) Smart cards can be used as representative for SSCDs checking the consistency of the requirements from the existing CWAs (F, G1, G2, ...).

Proposed technical specifications

The CWA shall implement the requirements of the G1 Area and impact of other areas as F and G2 for smart cards used as SCCDs. The scope shall include the following items:

- a) Specification of the commands and responses at the IFD/ICC interface according to existing standards as ISO/IEC 7816 including
 - i) Requirement of international application identifier
 - ii) Cryptographic Token Information based on PKCS #15 / ISO/IEC 7816-15
- b) Mapping of general requirements to asymmetric techniques
 - i) European algorithm catalogue for electronic signatures
 - ii) Device authentication protocol between Smart Card and signature creation system assuring a trusted path between the entities
- c) Consideration of existing specifications
 - i) National specific requirements
- d) Selection of more than one signature creation data (private keys)
- e) Card life cycle
 - i) Key generation
 - ii) Storage and retrieval (loading) of certificates (roots) of different kinds and levels
- f) Verification requirements
 - i) Providing the roots
 - ii) Verification parameters
- g) User verification management (knowledge based, biometrics)
 - i) PIN formatting schemes
 - ii) PIN length
 - iii) Resetting code
 - iv) Change PIN aspects (as required by G1)
 - v) Multiple PIN aspects
 - vi) Global/Specific PINs

h) Performance aspects

4.3.2 Resources

Two Experts (PT leader, editor) are needed for a total of no more than 6 months.

4.3.3 Timeframe

The Work on the CWA has been started on a voluntary basis from Q4 2001, and shall be finished by Q2 2003.

4.3.4 Deliverable

1 CWA

4.3.5 Timetable

- Call for Experts: mid August 2002,
- 1st Meeting of the Project Team: September 2002,
- Interim Report: draft document, for discussion at the November 2002 meeting,
- Revised version of the CWA online before the end of Q1 2003,
- Final approval eventually on-line voting during Q2 2003, eventually at a meeting of the WS.

4.4 Area V: Four new parts of the EESSI Conformance Assessment Guide

This Work Programme item is a proposal from the existing WA-V team for the development of conformity assessment guidance related to CEN Workshop Agreements and ETSI Technical Specifications resulting from the EESSI Work Programme 2001.

4.4.1 Scope/Content of the Deliverable

The previously approved CWA 14172 Parts 1, 2, 3, 4, and 5 provides guidance on conformity assessment of services, processes, systems, and products related to electronic signatures. In the EESSI Work Programme 2001, new CWAs and ETSI TSs have been developed for which conformity assessment guidance is required:

Guidance on conformity assessment of Signature Creation Devices supporting non-qualified electronic signatures ('5.2' signatures) against the Protection Profile Area specified in the CWA of Area AA2 (to be published as CWA 14172 Part 6).

Guidance on conformity assessment of Cryptographic Modules for CSP Signing Operations against the Protection Profile specified in CWA 14167-2 of Area D2 (MCSO-PP) (to be published as CWA 14172 Part 7).

Guidance on conformity assessment of CSPs issuing public key certificates against the Policy Requirements specified by ETSI STF 178 Task 2 (to be published as CWA 14172 Part 8).

Guidance on conformity assessment of Time-Stamping Authorities against the Policy Requirements specified by ETSI STF 178 Task 1 (to be published as CWA 14172 Part 9).

A commensurate revision to CWA 14172 Part 1 will be provided to ensure that the General part of the CWA continues to provide introduction and general guidance to the whole CWA.

4.4.2 Resources

The drafting of CWA 14172 Parts 6, 7, 8, and 9 will be done in a Project Team; the total resource allocated to this Project Team is 50 man-days.

4.4.3 Timeframe

Target date for approval: Q1 2003 starting in September 2002.

The work will be undertaken as a package, with all above-mentioned parts being prepared within the same time period and subsequently each part of the CWA being presented at the same time for individual review and voting by the Workshop.

4.4.4 Deliverables

4 new CWAs; CWA 14172 Parts 6, 7, 8, and 9.

4.4.5 Timetable

- Call for Experts: September 2002
- 1st Meeting of the Project Team: October 2002
- Interim Report: draft documents, for discussion at the December 2002.
- Revised version of the CWAs online March 2003
- Final approval eventually on-line voting or at the April meeting of the WS

4.5 Area L, New Project: Provision of Certificate Status information to Relying Parties (voluntary and not funded expert team)

4.5.1 Scope/Characteristics

The objective of this task is to define a standard method for the provision of Certificate Status information to Relying Parties.

Even where a transitive trust path exists from a Relying Party through a number of CAs, the Relying Party still can not make use of the certificate before the status of the certificate is known (i.e. it is still valid and not suspended or revoked). Many different methods exist for provision of Certificate status information from many different varieties of Certificate Revocation Lists (CRLs) to online validation services.

This specification would provide guidelines on a standard mechanism for Certificate Service Providers (CSPs) operating within Europe to provide certificate status information to Relying Parties. This would be to support provision of certificate status information to any Relying Party in any EU member state, even where the CSP is located in another member state.

Liaison with relevant bodies already covering some aspects of this work (e.g. scalability) will be sought to ensure that their findings are used in the most appropriate manner to facilitate this effort.

Content of the Deliverable

The standard will consider all technical methods available to date for conveying certificate status information from multiple CSPs to Relying Parties. All methods will be assessed with the following criteria:

- a) Current Maturity of Technique
- b) Adoption of Technique by industry
- c) Practicality of deploying the Technique
- d) Impact of the Technique on both the CSP as well the Relying Party
- e) Compliance with EU directive and where possible to standards produced by EESSI.

The task will be split into a number of activities:

1. Analysis of current techniques, their pros and cons. Techniques studied would be:
 - CRLs (Base, Distribution Points, Delta, Indirect, Scope etc.);
 - Online techniques such as OCSP, XKMS;

Interoperability of validation data as well as interoperability of distribution mechanisms will be considered (i.e. as well as CRLs, LDAP referrals, X500 directory coupling, etc. would be covered).

2. Industry/Customer/Standards survey to determine what is currently being deployed and how well that has worked. Data from global schemes such as GTA, Identrus, National/Federal Schemes will be gathered to provide further direction on the approach to standardization. EU Member States' current thinking on this subject will be sought.
3. Production of a standard outlining an interoperable mechanism for CSPs to provide certificate validation services would be proposed. Where necessary detailed specifications of the profile/formatting of status information will be provided.

The task scope will mainly focus on the requirements of Qualified Certificates but many inferences will be present for supporting Non-Qualified Certificates as well.

If the proposed voluntary effort can produce a first draft of the deliverable, the WS could decide to ask for funding of the additional work.

4.5.2 Resources

To carry out the work described above, 2 technical experts, familiar with ETSI TS 101 862 (Qualified Certificate Profile) and CWA 14167-1 (Security Requirements for Trustworthy Systems Managing Certificates for Electronic Signatures), are needed. The expert team will work on a voluntary basis.

4.5.3 Timeframe

Q2 2003, starting in September 2002.

4.5.4 Deliverable:

1 CWA

4.5.5 Timetable

- Definition of the voluntary experts in the Sophia Antipolis meeting of September 2002
- 1st Meeting of the Project Team: September 2002
- Interim Report: timeschedule depending on the availability of the experts.
- Revised version of the CWA: timeschedule depending on the availability of the experts
- Final approval: timeschedule depending on the availability of the experts

4.6 New Project: Maintenance of approved WS/E-Sign CWAs

The European Directive on electronic signatures (93/1999/EC) with the procedure set out in articles 3, 8 and 9 is one of the first examples of co-regulation, i.e. a structured interaction between top-down regulation and self-regulation in the European Standards Organizations.

The Directive needs a reliable set of technical standards (not just one) in order to achieve its goal to combine the need of regulation with the needs of innovation and free competition. To support such ambitious goals the European Union has promoted and funded the European Electronic Signature Standardisation Initiative. Despite its name, EESSI has attracted active interest also from American and Asian organisations. This can be explained only in part with the quality of the produced standards (they could have been copied or referenced): an outstanding reason for that is the absolutely new position that CWAs (and their creation process) have within the legal system.

Additionally some official national standards bodies (e.g. UNINFO, Italy) are starting the procedure in order to make of the EESSI deliverables officially recognized national standards. In the wake of this process technical amendments are likely to be suggested. The E-Sign WS has to be structured in order to be able to transform such valuable inputs in an improvement of the deliverables.

Finally it has to be considered that the internationalisation of the EESSI deliverables is part of the work that EESSI has to carry out. In order to make the set of technical specifications more accepted internationally, the ability to manage inputs coming from other international organizations is a key asset for success.

4.6.1 Need for Maintenance and Scope

The following considerations illustrate a clear need for the maintenance of CWAs developed by WS/E-Sign:

- a) The technical specifications reference several other technical specifications: some of these have been revised, improved, or modified; in some cases new technical specifications have been defined that are specific for PKIs and for security of electronic signatures. In particular there a clear case for a more sharp definition of the strong interrelation between the following areas
 - i. Area F and Areas G1-G2,
 - ii. Area F and Areas D1-D2,
 - iii. Area F and Area AA,
 - iv. Area AA and Areas G1-G2,
 - v. Area D2 and Area G1.
- b) Technical specifications are per se a moving target. The co-regulative approach of the European Union in order to avoid over-regulation requires that the legal norms are made more flexible through the reference to technical specifications.
- c) In the process of approving the CWAs, there are many detailed issues and sub-specifications that are a “nice-to-have”: often they do not get properly addressed in the CWA approval procedure because of lack of time or of resources. This “nice-to-haves” should be integrated into the technical specifications in order to improve their usability
- d) The European Directive on electronic signatures itself has a clause that provides a review with regard to possible amendment two years after its coming into force. Although at present it seems improbable that amendments will be proposed in the next few months, there still is a clear case for improving the technical specifications. In fact the co-regulation approach aims at giving to the improvements of technical specifications or regulations the chance to have a more direct influence on legislative innovations.

4.6.2 Resources

After the WS/E-Sign Plenary has agreed on the need for revision/maintenance of WS/E-Sign CWAs WS/E-Sign will call for and nominate a Project Team of three experts for a total of no more than 6 man months.

The Project Team shall:

1. Follow evolution of international technical standards referenced in the approved CWAs,
2. Follow the evolution of national and international legislations on electronic signatures,
3. Follow the EESSI standardization process.

The Project Team shall also propose amendments to the approved CWAs, in order to:

- a. better integrate the different technical specifications (in particular those of different CWAs),
- b. complete specifications or add guidelines,
- c. promote legislative innovation,
- d. implement legislative innovation, i.a.,
- e. react to amendments to standards referenced into the CWAs.

The Project Team can ask, through CEN, some of the experts that drafted the original CWA (or contributed to its amendment) to join the maintenance team for a determined amount of time, in order to complete some specific tasks.

4.6.3 Timeframe

September 2002 - July 2003, with the current funding

4.6.3 Deliverables

1. Revision of approved CWAs, to be published by the Secretary on the WS website and approved by the plenary meeting of WS/E-Sign, when the re-wordings and amendments have substantially changed the original CWA. This should happen no more than once a year.
2. Proposals to be submitted to the WS plenary meeting concerning new standardization activities, related to approved CWAs.

4.6.5 Timetable

- Call for Experts: mid August 2002,
- 1st Meeting of the Project Team: September 2002.

4.7 Deliverables already developed and approved by WS/E-Sign

The Workshop has already delivered the CWAs given in Annex 1.

5. Resource Requirements

5.1 Workshop Chair and Working Group Convenors

The Workshop Chairman, as elected at the meeting of February 2001, is Mr Riccardo Genhini.

In addition, Working Group Convenors will be selected among the Workshop's members, on an as-needed basis.

Workshop Chair and Working Group Convenors work on a voluntary basis.

5.2 Workshop and Working Group Secretariat

DIN is willing to continue to act as Workshop Secretariat.

5.3 Editors and Project Teams

In most work areas, there is a requirement for a Project Team, i.e. a team of paid experts that are given the task of a large editing job in a short period of time. This tool can be used in those cases where there is a requirement to produce a substantial piece of new text for the Workshop's consideration in a short time frame.

The creation of a Project Team requires the agreement by the Workshop of detailed Terms of Reference in each case. Background information on Project Teams can be found in the Annex B.

In the current Business Plan, the following resource requirements for Project Teams have been identified:

Project	Paid Resources/ Man months	Voluntary Resources/ Man month	Experts
Area AA2: Advanced and non advanced electronic signatures and their informative value (relevance as legal evidence)	3		3 (PT)
Area D1: Security requirements for trustworthy systems and products Reformulation of CWA 14167-1 (Work Item - already approved by the Workshop for 2000-2001)	9		3 (PT)
Area K: Interoperability Requirements for smart cards used as SSCDs (Work Item - already approved by the Workshop for 2001)	6		2
Area V: Four new parts of the EESSI Conformance Assessment Guide Area V	2		2
Area L: New Project Provision of Certificate Status information to Relying Parties		3	2 voluntary experts
All Areas: New Project Maintenance of approved WS/E-Sign CWAs	6		3 (PT)
6 Projects	26	3	15

5.4 Workshop funding

Arrangements with EC/EFTA are in place to fund the Workshop Secretariat and the Project Teams.

In order to provide the widest possible dissemination of deliverables, it was proposed at the February 2001 meeting to levy a membership fee of 500 EUR on registered Workshop participants for the year 2001. The membership fee was proposed to not be payable by the Workshop guests, who would be receiving the documents and even could participate in the Workshop, including its meetings, except in the formal consensus process for approval of the deliverables, and neither by official liaison participants from organizations accredited by the Workshop.

The decision on this membership fee was postponed till the deliverables related to V (1st CWA-part), D1, D2, F, G1 and G2 are formally accepted. In accordance with developing CEN policy towards the funding of CEN/ISSS Workshops, it is proposed to institute the membership fee with effect from the adoption of the present Business Plan.

5.5 Liaison and visibility

A certain amount of funding may be provided for travel and subsistence arrangements to attend meetings of other bodies, and to ensure the wider visibility of the Workshop, with approval of the EESSI Steering Group and the CEN/ISSS Director. In particular the links with a APEC, PKI Forum, Asia PKI Forum, ISP TCs and IETF PKIX have to be considered, previous co-ordination with similar activities of EESSI and ETSI E-SIGN. For international visibility the Chair shall work in a structured way in co-operation with ETSI ESI.

6. Liaison

The principal liaison will be with the ETSI TC ESI (formerly ETSI SEC ESI). The following principles for collaboration have been agreed between CEN/ISSS and ETSI:

- For each of the work areas, the leadership is allocated either to CEN/ISSS or to ETSI SEC.
- The lead body will define the deliverable(s) relevant to the work areas under its responsibility, and will have them included in its work plan, in accordance with the usual procedures.
- CEN/ISSS and ETSI SEC will hold regularly co-located meetings of the CEN/ISSS workshop(s) and the ETSI SEC (groups) involved in the EESSI standardization programme.
- The attendance to the meetings of the relevant workshop(s) in CEN/ISSS and working group(s) in ETSI SEC will be open to the delegates participating in the other body. Mailing lists will be exchanged.
- The general co-ordination of the technical activity of the bodies will be ensured by the Chairmen and Project Leaders.
- The Secretariats of CEN/ISSS and ETSI will actively contribute to a smooth co-operation.

In addition, appropriate channels for liaison will be established with the groups and initiatives listed in Annex A of the EESSI Report, such as:

- ECAF (European CA Forum)
- European Cooperation for Accreditation (EA)
- Information Signature Committee of the American Bankers Association (ABA)
- IETF PKIX working group
- ISO/IEC JTC1/SC27

- Various national projects and bodies, to be specified in updates to the present Business Plan.

7. Contact points

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CEN/ISSS Workshop on Electronic Signatures (WS/E-Sign)

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Attachment 1 of the WS/E-Sign Business Plan 2002/2003

Berlin/2002-09-10

CEN/ISSS WS/E-Sign Business Plan Projects and Deliverables since January 2000

BP Projects 2000 (WSES N 001)	Deliverables	BP Projects 2001/2 (WSES N 139)	Deliverables	BP Projects 2002/3 (Draft)
	Terminology for EESSI documents (WSES N 123)			
		Area AA: Extension of SSCD requirements towards specific applications/ environments and towards e-commerce applications (Art5.2) (new work item; 2 CWAs)	CWA 14355: Guidelines for the implementation of Secure Signature-Creation Devices; 2001-12-17 (WSES N 0183rev.) CWA 14365: Guide on the Use of Electronic Signatures, 2002-07-10; under voting, due date: 2002-08-30 (WSES N 0202)	Area AA2: Advanced and non advanced electronic signatures and their informative value (relevance as legal evidence)
Security requirements for trustworthy systems and products (EESSI area D)	WD	Area D1: Security requirements for trustworthy systems and products (work already ongoing)	CWA 14167-1: Security Requirements for Trustworthy Systems Managing Certificates for Electronic Signatures; 2001-08-01 (WSES N 161)	Area D1: Revision of CWA 14167-1 Security requirements for trustworthy systems and products (Work Item - already approved by the Workshop for 2000-2001)

BP Projects 2000 (WSES N 001)	Deliverables	BP Projects 2001/2 (WSES N 139)	Deliverables	BP Projects 2002/3 (Draft)
		Area D2: Security requirements for trustworthy systems and products (new work item; 2 CWAs)	CWA 14167-2: Cryptographic Module for CSP Signing Operations - Protection Profile (MCSO-PP); 2001-11-09 (WSES N 178) Draft CWA 14167-3: Cryptographic Module for CSP Key Generation Services - Protection Profile - CMCKG-PP; 2002-07-24 (WSES N 2xx)	
Security requirements for secure signature creation devices (EESSI area F)	WD; Explanatory memorandum concerning the two versions of the CWA Drafts on Area F, 2000-11-29 (WSES N 118)	Area F: Security requirements for secure signature creation devices (work already ongoing, 2 CWAs)	CWA 14168: Secure Signatur-Creation Devices, version 'EAL 4', 2001-03-01 (WSES N 136) CWA 14169: Secure Signatur-Creation Devices, version 'EAL 4+', 2001-03-01 (WSES N 137) Memorandum: CC-Evaluation of WS/E-Sign CWA Area F (WSES N 177)	
Signature creation environment (EESSI area G, G1)	WD	Area G1: Security Requirements for Signature Creation Systems (work already ongoing)	CWA 14170: Security Requirements for Signature Creation Systems; 2001-03-12 (WSES N 141)	
Signature verification process and environment (EESSI Area G, G2)	WD	Area G2: Procedures for electronic signature verification (work already ongoing)	CWA 14171: Procedures for Electronic Signature Verification; 2001-03-13 (WSES N 140)	
		Area K: Requirements for smart cards used as SSCD (new work item)	Working Draft: Application Interface for SmartCards used as Secure Signature Creation Devices, Version 0.8 Release 0; 2002-03-02 (WSES N 195)	Area K: Interoperability Requirements for smart cards used as SSCDs (Work Item - already approved by the Workshop for 2001)

BP Projects 2000 (WSES N 001)	Deliverables	BP Projects 2001/2 (WSES N 139)	Deliverables	BP Projects 2002/3 (Draft)
Conformity assessment of products and services for electronic signatures (EESSI area V)	WD	Area V: Conformity assessment of products and services for electronic signatures (work already ongoing; 5 CWAs)	<p>CWA 14172-1: EESSI Conformity Assessment Guidance: Part 1 – General; 2001-03-15 (WSES N 143)</p> <p>CWA 14172-2: EESSI Conformity Assessment Guidance: Part 2 - Certification Authority services and processes; 2001-03-15 (WSES N 144)</p> <p>CWA 14172-3: EESSI Conformity Assessment Guidance: Part 3 - Trustworthy systems managing certificates for electronic signatures; 2001-09-24 (WSES N 170)</p> <p>CWA 14172-4: EESSI Conformity Assessment Guidance: Part 4 - Signature creation applications and procedures for electronic signature verification; 2001-04-17 (WSES N 165)</p> <p>CWA 14172-5: EESSI Conformity Assessment Guidance: Part 5 - Secure signature creation devices 2001-04-17 (WSES N 166)</p>	<p>Area V :</p> <p>Four new parts of the EESSI Conformance Assessment Guide</p> <p>CWA 14172 Part 6: Signature Creation Devices supporting non-qualified electronic signatures (CWA 14365)</p> <p>7: Cryptographic Modules for CSP Signing Operations (CWA 14167-2)</p> <p>8: CSPs issuing public key certificates (ETSI STF 178-Task 2)</p> <p>9: Time-Stamping Authorities (ETSI STF 178-Task 1)</p>
				<p>Area L:</p> <p>Provision of Certificate Status information to Relying Parties (New Project, voluntary and not funded expert team)</p>
				<p>Maintenance:</p> <p>Maintenance of approved CWAs (New Project)</p>

Member Companies and their Representatives

10.09.02

Name	Country	Function	RFC 822
Company:			
EISLEROVA, Mirka	SK	WS guest	eislerova@edivan-as.sk
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SARI, Haataja	FI	WS guest	sari.haataja@thk.fi
Company: A-SIT, Zentrum für sichere Informationstechnologie - Austria			
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CEN/ISSS WS/E-Sign N 0209; Attachment 3

Berlin/2002-09-10

VOTING FORM

for voting on

**Business Plan for the CEN/ISSS Workshop on Electronic Signatures
CEN/ISSS WS/E-Sign 2002 - 2003**

Given in document N 0209:

The WS/E-Sign Business Plan 2002/2003 was distributed in document WSES N 0209 for consideration and approval at the WS/E-Sign meeting on 26 September 2002 in Sophia Antipolis under Agenda item 5.0.

Those who can not attend the Sophia Antipolis meeting will be asked to comment and vote on the BP electronically by use of the attached voting form.

The electronic votes will be taken into consideration in the BP approval process during the meeting.

The voting is open for registered WS/E-Sign members. For each registered company/organization only one vote will be accepted.

Electronic Voting begins on: **2002-09-10**

Electronic Voting terminates on: **2002-09-23**

Return your vote to WS/E-Sign Secretariat by e-mail or by Fax (address given above).

Name:

Company:

- We agree**
- We disagree (please give reason)**
- We abstain**

Comment/Reason:

Date / Signature: _____