



United Nations Economic Commission for Europe

United Nations Centre for Trade Facilitation and Electronic Business

UN/CEFACT

Recommendation 37

Signed Digital Evidence Interoperability Recommendation

Security Project hosted by TBG 6

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- Joint effort : TBG 1, TBG 6, TBG 3, TBG 15
- One of the several outputs of the Security Project, led by Sujeet Bhatt, India
- Many participants
 - Editor: François Devoret
 - Contributors: Ajit Menon, Andrea Caccia, Bernard Longhi, Julien Pasquier, Michel Entat, Sujeet Bhatt
 - Reviewers: Edmund Gray, Andrew Hudson, Kevin Smith, ...



- 57 comments received
- American Bar Association, ETSI, IBM, TBG5 and other TBGs, UNCITRAL, HoDs, individuals, experts
- General nature of comments
 - Legal aspects (electronic signature)
 - Technical standards (localization, neutrality)
 - Communication (executive summary, organization of documents)



- What is SDEIR

- A recommendation for structuring and organizing digital evidence
 - To increase interoperability of digital evidence across borders and organizations
 - To increase the adoption rate of paperless technologies

- What it is not

- A technical standard
- The promotion of specific technologies or standards
- A way to recognize electronic signatures across borders



- A signed digital evidence deals with one and only one content
- A signed digital evidence may be signed by one or more signatures (extra signatures are called cosignatures)
- Signatures of the digital evidence all sign the whole content
- Signatures may include date of signature and other properties
- Signatures may be counter signed by one or more counter signatures
- The signed digital evidence must contain the identities of the signatories in an unambiguous way



- The effect of SDEIR is to restrain the use of technical standards to a reduced set of possibilities
- Creating and verifying signed digital evidence is simpler and more straightforward because less features need to be implemented by software and applications
- Trust in signed digital evidence is easier to establish
- Support for multiple signatures as well as counter signatures help increase the life cycle of signed digital evidence



- Comments sheet published (end of last week)
- Final document published (today)
- FMG adoption (this week)
- To be published as Rec 37 by next plenary adoption (December)



Thank you!