

Standards and the Cyber Resilience Act

How Open Source Savvy People Can Impact Standard Setting
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1. What are standards and SSOs?

Tools to reduce complexity

SSO = Standard Setting Organization

European SSOs: CEN/CENELEC, ETSI

International: ISO, IEC, ECMA

2. CRA involves standards

- Initially CRA provided for 41 different standards
 - Most are vertical standards - applies to an industry
 - 2-4 are horizontal standards - applies to all
 - Cybersecurity requirements for PDEs
 - Vulnerability handling

3. Standard setting

- EU sends SSOs requests - they accept
- European level preparation
- National comments, possibly several rounds
- European level finalisation

4. How to participate

Easy to participate in national SSOs:

- Organization member: representative nominated by member
- Private individuals also possible (at least in Finland)

Finland: Finnish Standards: <https://sfs.fi/en/>

Bulgaria: Bulgarian Institute for Standardization, BDS: <https://bds-bg.org/en/>

5. Working

- National discussion, review, comments, voting
- Submission to European level



STANDARD
SETTING
ORGANIZATIONS

STANDARD
SETTING
ORGANIZATIONS

STANDARD
SETTING
ORGANIZATIONS

FREE
OPEN-
SOURCE
METHODS



TRADITIONAL
STANDARD-
SETTING
ORGANIZATIONS

TRADITIONAL
STANDARD-
SETTING
ORGANIZATIONS

MODERAL
OPEN-SOURCE
ORGANIZATION

FREE
SOURCE

FREE
SOURCE
METHODS

SLOW
ADAPTION
ORGANIZATION

OPEN-SOURCE

OPEN-SOURCE
CYBER-RESURANCE

6. Why to work on standards

- SSOs are not necessarily open source savvy, so the standards could make our life more difficult
 - Standards come from a world-view from supplier-customer relationships
 - Reality is 90+% open source
- Know in advance what is coming
- Impact on the content towards your own vision

OCCTET.EU



Open CyberSecurity Compliance Toolkit

EU funded project to help SMEs comply with the requirements of the Cyber Resilience Act (CRA).

The toolkit is intended to provide a comprehensive suite of tools and resources tailored to the needs of SMEs:

- Compliance Checklist
- Conformity Assessment Specifications
- Automated Evaluation Method and Tool
- Federated Database platform for publishing the results of OSS component assessments allowing contributions from various stakeholders
- Inventory of Automatic Dependency Analysis Tools
- Reporting tool

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Thank you