



# Interoperability from the perspective of standards

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# General considerations about European Standards

# Facts and figures about CEN and CENELEC



# What is a standard?

Reference document that contains technical specifications or other precise criteria designed to be used consistently as a rule, guideline, etc..

They set out **minimum requirements** on the quality and/or performance of a product/service provider

## How do we develop standards?

...by subject, in Technical Committees by bringing together interested parties to share:

**What they need/ What they have/ What they want to include in standards**

## The 'harmonized effect'

- ✓ Strong **national commitment** of implementation as **34 identical national standards**
- ✓ All **conflicting standards** from members are withdrawn
- ✓ **Voluntary in application for industry/public authorities etc**
- ✓ Consensus-based

## European Standard vs International standard

# Current standardization landscape

## European

- CEN/TC 391 Societal and citizen security
- CEN/TC 439 Private security services
- CEN/TC 419 Forensic science services
- CEN/TC 325 Crime prevention through building, facility and area design
- CENELEC/TC 79 Alarm systems
- CEN-CLC/TC 8 Privacy management for products and services
- CEN-CLC/TC 13 Cybersecurity and data protection

## International

- ISO/TC 272 Forensic sciences
- ISO/TC 292 Security and resilience

ISO/TC 292/WG 1 Terminology

ISO/TC 292/WG 2 Continuity and organizational resilience

ISO/TC 292/WG 3 Emergency management

ISO/TC 292/WG 4 Authenticity, integrity and trust for products and documents

ISO/TC 292/WG 5 Community resilience

ISO/TC 292/WG 6 Protective security

# Published standards

## Published:

CEN/TS 17159:2018 *Societal and citizen security - Guidance for the security of hazardous materials (CBRNE) in healthcare facilities*

EN 15602:2008 *Security service providers – Terminology*

EN 16082:2011 *Airport and aviation security services*

EN 16747:2015 *Maritime and port security services*

EN ISO 22315:2014 **Societal security - Mass evacuation - Guidelines for planning**

EN ISO 22300:2018 **Security and resilience - Vocabulary (ISO 22300:2018)**

EN ISO 22301 **Security and resilience - Business continuity management systems – Requirements**

EN ISO 22313 **Security and resilience - Business continuity management systems - Guidance**

## Under development:

FprCEN/TS 17091 **Crisis management - Guidance for developing a strategic capability**

prEN 17173 **European CBRNE glossary**

# Why standards matter?

# The importance of standards

- Improving efficiency and effectiveness of key processes.

Standardised approach is of **critical importance in cross-border and cross community** communication.  
Where industry is concerned, standards such as ISO 27001 encourage the adoption of standard organisational structures

- Facilitating systems integration and interoperability

All type of security products need to **interoperate in different environments**

Many security weaknesses occur at the interface of different technologies or products

- Enabling different products or methods to be compared in a meaningful manner

Standardisation of testing methods makes it possible to compare security products in a meaningful manner.



# The importance of standards

- Providing a means for users to assess new products or services  
Standards increase the level of transparency of the product or service to the end user.
- Structuring the approach to deploying new technologies or business models
- Simplification of complex environments

The complexity of real-life systems is one of the biggest barriers to achieving coherent security solutions

Agreed terms and definitions could make your life easier

Standards help reduce complexity, reducing the number of special cases that a security solution has to take account of



# Thank you

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