



SOCIETAL & CITIZEN SECURITY CHALLENGES TOWARDS THE CONTEMPORARY STANDARDIZATION

EC DRAFT PROGRAMMING MANDATE ADDRESSED TO CEN, CENELEC AND ETSI TO ESTABLISH SECURITY STANDARDS

This Mandate concerns the development of a work programme for the definition of European Standards and other standardisation deliverables in the area of SECURITY taking into account of the legislative background. Range of standards-types needed:

- **INTEROPERABILITY STANDARDS:**

- Technical interoperability standards: Standards aimed at achieving interoperability, mainly when there is a need to share information between security systems, equipments or applications.
- Syntax standards: Those related to data formats and syntax and encoding of data messages.
- Semantic standards: Those that imply a common human understanding of the information being exchanged.
- Organisational interoperability standards: Protocols, procedures and guidelines to harmonise the functioning and operational work of public and private security related organisations.

- **PERFORMANCE STANDARDS:** Standards establishing a set of minimum requirements to be fulfilled by systems, equipments or procedures, for any use related to security.

A list of areas for analysis, taken as an example and not exhaustive, is:

- Security of the Citizens
 - Organised Crime
 - Counter Terrorism
 - Explosives
 - CBRN
- Security of infrastructures and utilities
 - Building design
 - Energy/Transport communication grids
 - Surveillance
 - Supply Chains
- Border Security
 - Land border / Check Points
 - Sea Border
 - Air Border
- Restoring security and safety in case of crisis
 - Preparedness and planning
 - Response
 - Recovery, etc.

CEN/CENELEC/ETSI deliverables could also identify minimum performance levels for the different security areas and facilitate companies to be competitive in the different security sectors. In order to achieve this, standards will also play a major role as providing criteria for certification of products and services.



The Bulgarian Institute for Standardization (BDS) is the national body representing Bulgaria in the European and international Standards Organizations CEN, CENELEC, ISO and IEC and participates actively in their activities. One of its main tasks is to work in favour of the Bulgarian business to achieve a high level of quality of products and services presented on the European and international market. The mechanism for providing such support is to join all stakeholders at national level and to develop standardization documents in the specific field. Standardisation complements market-based competition, typically in order to achieve objectives such as the interoperability of complementary products/services, and to agree on test methods and on requirements for safety, health, organisational and environmental performance.

The SECURITY Standards are:

- Proposed, commented on and approved by members of the International and European communities
- Developed by experts nominated by members
- Based on well established principle of CONSENSUS
- **VOLUNTARY**

Major Challenges towards Standardization in Security:

- Diversity of disciplines impacted by and contributing to security
- Global impact
- Rapid speed of development and apparent speed of commercialisation, etc.

Critical needs:

- Coordination and harmonization across standards developers and stakeholders
- Common language and understanding - Terminology
- Validated measurement and characterization techniques and methods
- Robust protocols to ensure health and environmental safety

NEW BDS'S EXPERTS WORKING GROUP IS CATCHING UP IN THE SECURITY FIELD

New Experts Working Group at the Bulgarian Institute for Standardization is catching up the lag of the country in the field of SECURITY. The constituent meeting of **BDS/EWG 11 "Societal and Citizen Security"** was held on December 20, 2010.

The newly established EWG covering the scope of the following European and International Technical Committees for Standardization:

- CEN/TC 391 "Societal and Citizen Security" (active member)
- ISO/TC 223 "Societal Security" (observer)
- ISO/PC 246 "Anti-counterfeiting tools" (observer)
- ISO/TC 247 "Fraud Countermeasures and Controls" (observer)

The established EWG is open for experts, managers, institutions, government, agencies and private companies interested in the SECURITY.

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