



East Meets West

facing challenges
making connections



Israeli Standards for Homeland Security

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The Standards Institution of Israel

Testing

Standardization

Certification
(Products & Management
Systems)

Standards Institution of Israel

- A statutory body (NGO) created by the Standards Law - 1953
- *The national infrastructure* for standardization and quality to facilitate social and economic growth, and to protect the safety and health of the citizens of Israel.
- **MISSION**
 - To improve the quality of goods and services supplied in Israel
 - **To improve the competitiveness of Israeli goods and services in Israel and internationally**



PREMISES

- **Approvals** - Similar to the requirement for approval of other technologies, such as, medical devices, telecommunication equipment, among others, HS products and equipment will also have to go through an approval process.
- **Standardization** - Standardization has always been an important infrastructure for government and industry to create agreed upon specifications as the basis of any approval/conformity assessment process.



PREMISES

- **Influence** - Israel has knowledge and experience in HS. Developers and manufacturers of HS products and solutions need to get involved in in standardization activities on the national, regional and international levels so as to influence the standards being prepared.

Israeli Standards for Homeland Security

- **Shelters and Protected Areas – windows, metalwork, ventilation and filtration, sealing**
- **Portable group shelters**
- **Respiratory filters (gas masks)**
- **Information processing system security**
- **Securing communication systems**
- **IT security techniques**
- **Common Criteria**
- **Information security management**
- **Approx. 36 standards published**



Israeli Standards for Homeland Security

New standards initiatives:

- **Rescue and egress from tall buildings – apparatus (SI 5358 part 1) - new initiative with ASTM**
- **Electronic/Digital Signature**
- **Biometrics (also creating the Biometrics Info Center for the Israeli government) (JTC1 work and NIST)**
- **Smart Identification Cards**



Think Globally – Act Locally

- **Globally** – ISO Advisory Group on Security, chaired by Dr. George Arnold, Chairman of ANSI Board of Directors - Israel has a member on this committee.
- **Bilaterally** – Bilateral cooperation between the US and Israel, e.g., within ANSI-HSSP, between SII, ANSI and the SDOs in the area of HS standards, and the USISTF project.
- **Locally** – Continue to prepare standards on the national level as are demanded by our stakeholders and to be used as a draft for the development of US and/or international standards.



USISTF Project

- **USISTF** – US-Israel Science and Technology Foundation (www.usistf.org)
- **USISTF EMS-Security Project** – Use ISO 14001 as a model for a Security Management System.
- **Pilot Projects** – Performed by US and Israeli partners.
- **Working Groups** – Oversight, Terminology and Requirements, Metrics and Justification. Justification by ANSI and SII according to ISO Guide 72.



Conclusion and Actions

- **Standardization has always been an important infrastructure for government and industry to create agreed upon specifications – Create an Israeli HS Standardization Advisory Group**
- **Standardization activity on the national, regional and international level – Developers and manufacturers must participate at all levels. The importance of a database of standardization activities in HS.**
- **The US as the biggest market for HS products and solutions – Create cooperation agreements between SII and US SDOs, under the guidance of ANSI, to prepare identical Israeli and American HS standards.**



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