

DHS: Developing a Standards Infrastructure

From Science....Security



From Technology....Trust

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Test & Evaluation and Standards Office



**Homeland
Security**

Quadrennial Homeland Security Review

Vision

A Homeland that is safe, secure and resilient against terrorism and other hazards where American interests, aspirations, and way of life can thrive.



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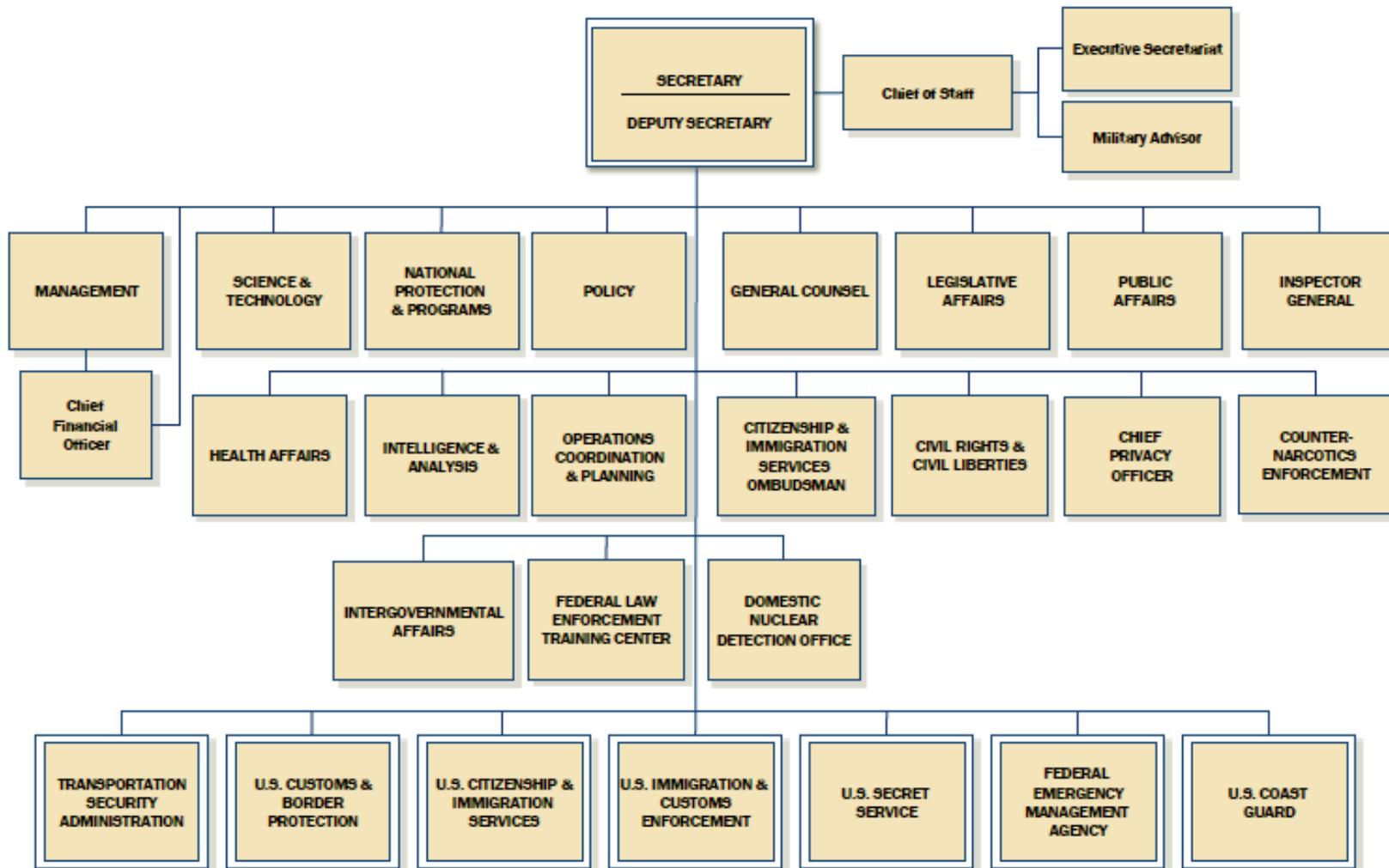
Quadrennial Homeland Security Review

The Core Missions

1. Preventing terrorism and enhancing security;
2. Securing and managing our borders;
3. Enforcing and administering our immigration laws;
4. Safeguarding and securing cyberspace; and
5. Ensuring resilience to disasters.



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Authorities

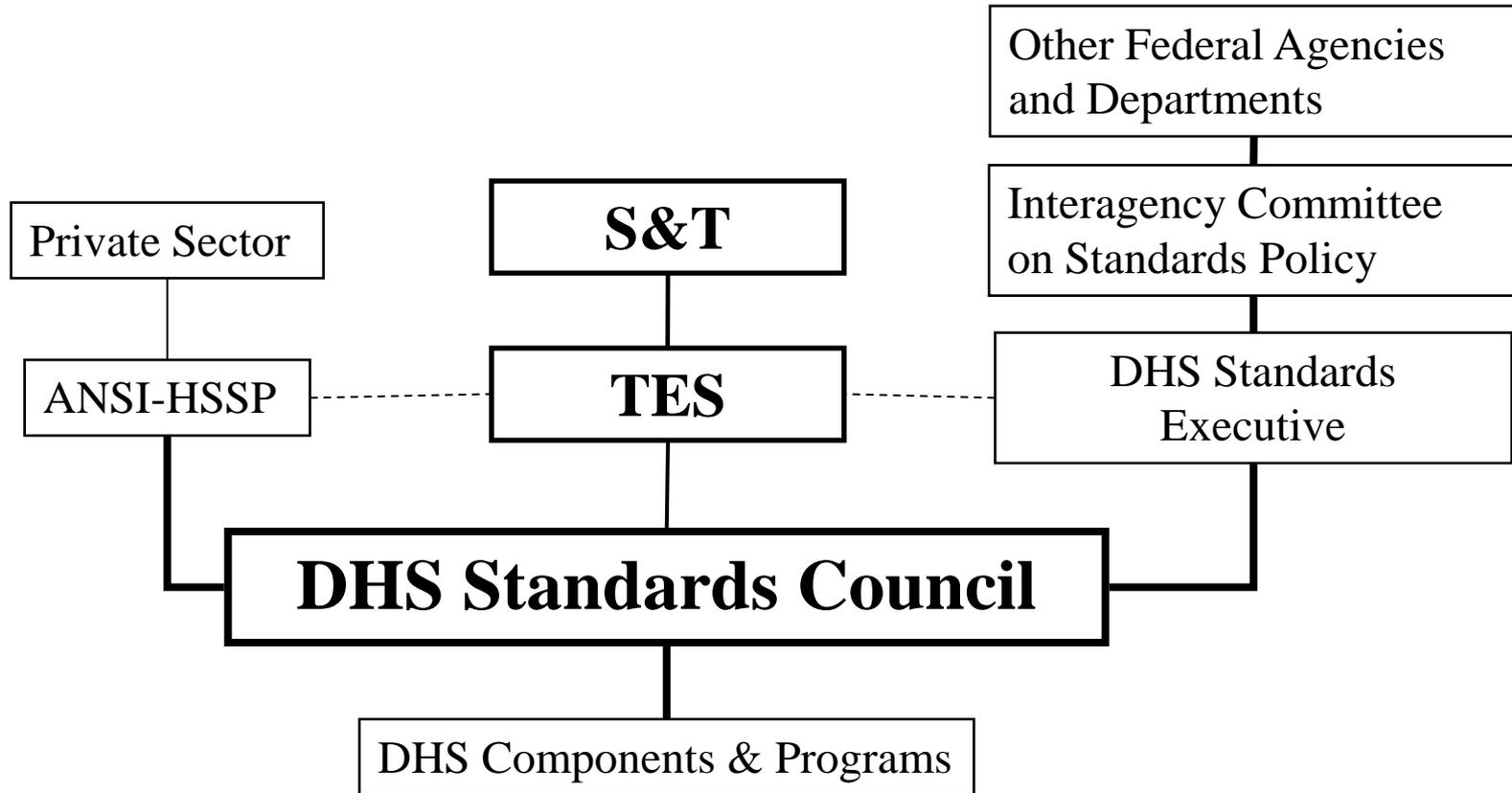
Standards Policy: 6 U.S.C. 112 (g) directs that “[a]ll standards activities of the Department shall be conducted in accordance with section 12(d) of the National Technology Transfer Advancement Act of 1995 (15 U.S.C. 272 note) and Office of Management and Budget Circular A-119.”

- Additionally, under the SAFETY Act, Under Secretary of S&T has the authority (6 CFR § 25.4) to adopt technical standards for various categories or components of anti-terrorism technology



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Creating an infrastructure for information sharing on standards & standards policy



Standards Council: The DHS ICSP

- Support the U/S S&T responsibility to **coordinate** standards activities in the Department, and supports the Standards Executive with their responsibility as identified in the OMB Circular A-119
- Charter mirrors the ICSP charter
- The Council membership reflects the organization of the Department, maintaining a balance between the operational, programmatic, and administrative functions of the Department.
- The Standards Executive serves as the chair of the Council.

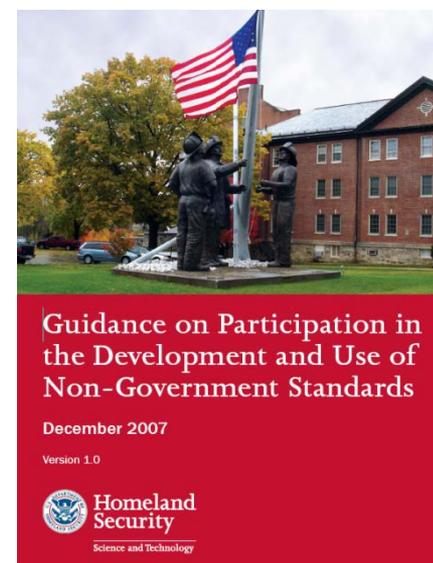
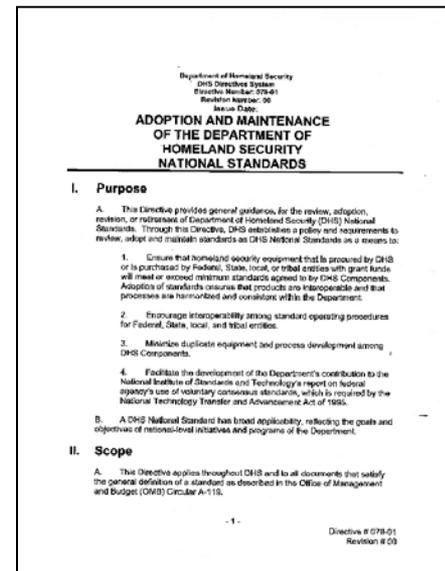


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Policy & Guidance:

The Council provides input to:

- Policy Development :
Management Directives/Instructions
- Department Guidance on standards and conformity assessment
- Adoption of voluntary consensus standards



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NTTAA Survey on Standards

- Memo from the Under Secretary for Science and Technology
 - Distributed throughout the Dept to agency/component heads
 - Gets their attention
 - NIST questionnaire attached
 - Bombarded with questions
- Developed a DHS Annual Survey on Standards Instruction Package
 - detailed information and guidance
 - Additional survey questions (multiple choice)



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NTTAA Survey on Standards

- Publish or Use the data/information
 - Annual Report on DHS Standards
 - Work with the Council and key personnel through out the year to identify and develop success stories
 - Create value
- Strive to reduce the administrative burden of reporting



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DHS Standards Activities

- funding research in standards
- participating in interagency efforts at OSTP
- participating in standards policy development through ANSI
- participating in standards development leading and participating in technical committees
- Promoting standards both internally and externally.



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DHS Implementation of Standards

- DHS implements standards in numerous ways:
 - Formal recognition of VCS through adoption of homeland security standards as DHS National Standards.
 - Incorporation in grant guidance
 - Referencing in regulations
 - Provide liability protection to standards that support anti-terrorism technology



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Impact of Standards

- The impact of voluntary consensus standards :
 - To DHS
 - Cost saving for biometrics technology
 - Improved performance homeland security screening technology
 - To promotion of public good and national priorities
 - Improved private sector preparedness
 - Improved interoperability and performance of first responder technology



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DHS Standards Subject Area Working Groups (SSAWGS)

Geospatial Information Standards Working Group	(OCIO)
Emergency Management Standards Working Group	(FEMA)
Technical Capabilities Working Group	(DNDO)
Explosives SSAWG	(TSA)
Biometrics SSAWG	(S&T HFD, US VISIT)
Chemical Detection SSAWG	(CBP)
Biological Countermeasures SSAWG	(S&T CBD, OHA)
Interoperable Sensors SSAWG	(NIST)
Private Sector Emergency Preparedness Working Group	(S&T)
Personal Protective and Operational Equipment SSAWG	(NIST)
Business Continuity Working Group (PS PREP)	(FEMA)



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