



NIST VCAT Meeting



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February 5, 2015

- **The American National Standards Institute coordinates standards, conformity assessment, and related activities in the United States.**



- **Founded in 1918, ANSI is a private, non-profit organization.**
- **ANSI is not a government agency nor a standards developer.**





- U.S. member of ISO
- U.S. member of the IEC, via ANSI's U.S. National Committee
- a U.S. member of IAF and ILAC
- member of regional forums in the Pacific Rim and the Americas
- liaison with groups in Europe, Africa, and the Middle East
- bilateral agreements with other national standards bodies





The ANSI Federation represents more than **125,000 companies and organizations** and **3.5 million professionals** worldwide.

Members of the ANSI Federation include . . .

- Academia
- Individuals
- Government
- Manufacturing
- Trade Associations
- Professional Societies
- Service Organizations
- Standards Developers
- Consumer and Labor Interests
- and many more

U.S. Standardization System



- Emphasizes private-sector standards solutions
- Standards users drive activities
- Provides a strong voice and greater authority to standards users and individual stakeholders
- Strength from diversity

U.S. Standardization System



- In the U.S. alone, there are **more than 100,000 standards**
- These documents are being developed by:
 - hundreds of standards developing organizations (SDOs)
 - over 500 consortia
 - hundreds of thousands of technical committees
- **Over 11,000 approved American National Standards**

The Public-Private Partnership



The Public-Private Partnership



- System is led by private sector
 - No single government agency has control over standards
 - Each agency determines which standards meet its needs
- National Technology Transfer and Advancement Act (NTTAA)
- Thousands of government employees sit on standards developing committees
 - **100 from NIST in ISO alone**

Critical Role of Standardization



80%

of global commodity trade

=

\$14T



The Multiple Path Approach



90%



80%



What are standards?

**Why do
they matter?**



How are they developed?

A globe made of crumpled paper is the central focus, with a line of paper-cut human figures holding hands and walking across its top. The globe is painted in shades of blue and grey, representing continents and oceans. The figures are simple, grey paper cutouts of people in various walking poses, connected by their arms. The background is plain white.

Standardization

Impacts Everything

**Industry Must
Participate**









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