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The U.S. Standardization System

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ANSI President and CEO



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U.S. Standardization System a market driven approach

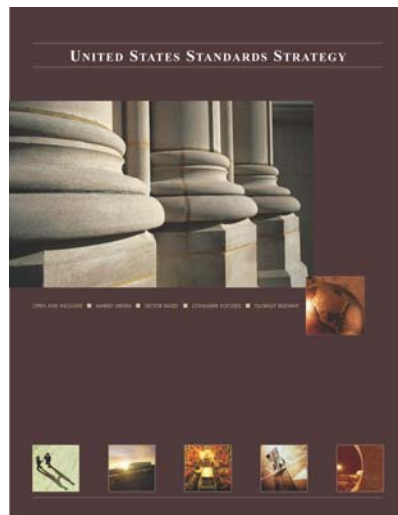
- In the U.S. alone, there are more than one hundred thousand standards
- These documents are being developed by:
 - standards developing organizations (SDOs)
 - over 500 consortia
 - thousands of committees
- Over 9,500 approved American National Standards



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U.S. Standardization System reliable - flexible - responsive

- Market driven
- Flexible and sector-based
- Partnership between public and private sectors



This system is designed to . . .

- **Support** a broad range of stakeholder engagement
- **Address** emerging priorities and new technologies
- **Allow** stakeholders to find the solutions that best fit their needs

As defined in the *United States Standards Strategy*

www.us-standards-strategy.org



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U.S. Standardization System guiding principles

- Standards should meet societal and market needs and should not be developed to act as barriers to trade
- The U.S. endorses the globally accepted standardization principles of the World Trade Organization Technical Barriers to Trade Agreement

- | | |
|-------------------------------|------------------------|
| ▪ Transparency | ▪ Coherence |
| ▪ Openness | ▪ Due process |
| ▪ Impartiality | ▪ Technical Assistance |
| ▪ Effectiveness and relevance | ▪ Flexible |
| ▪ Consensus | ▪ Timely |
| ▪ Performance-based | ▪ Balance |



WORLD TRADE
ORGANIZATION



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The NTTAA

U.S. Public-Private Partnership

- No single government agency has control over standards
 - Each agency determines which standards meet its needs
- **National Technology Transfer and Advancement Act (NTTAA)**
(Public Law 104-113)
 - Encourages each government agency to seek existing private sector standards that are appropriate for its purpose and mission
 - If none exist, the agency is expected to work with the private sector to develop the needed standards, and to reference them in its regulations



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Case Study

A National Survey of U.S. Standardization Policies

by The Center for Global Standards Analysis

- Survey: is there a need to change current U.S. standards development policies?
- ANSI response: the current system is working well
- Examples cited, U.S. standardization community mobilized
- Final report presented a virtually unanimous view:
 - Current U.S. standards development policies are working well
 - No changes to the current balance of private-sector/public sector partnership are necessary at this time

http://www.ansi.org/news_publications/other_documents/other_doc.aspx?menuid=7#Policies



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Case Study

Inquiry from Congressman Gordon

- Bart Gordon, chair of the U.S. House of Representatives Committee on Science and Technology
 - How important are technical standards?
 - Is a comprehensive review of our standards-setting process timely and worthwhile?
 - Is it time to assess an international standards system developed 50 years ago?
 - Should there be a single federal coordinating point for all technical standards areas?

http://www.ansi.org/news_publications/other_documents/other_doc.aspx?menuid=7#Gordon



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ANSI Accreditation of Standards Developing Organizations

Gary Kushnier

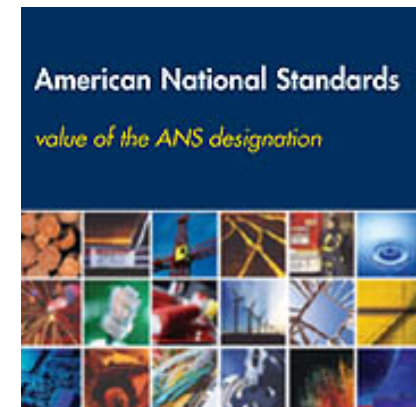
ANSI Vice President, International Policy



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Accreditation Overview

- ANSI fosters the U.S. standardization system by accrediting the procedures of standards developing organizations SDOs and subsequently approving individual documents as American National Standards (ANS)
 - More than **220 accredited SDOs**
 - **Over 9,500 approved ANS**
 - Accreditation is a *pre-condition* for submission of a candidate ANS to ANSI for approval



Learn more:
www.ansi.org/ansvalue



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What are the advantages of accreditation?

- Indicates quality, credibility, consensus, and an open standards development process.
- Increases market efficiency
- Provides some legal insulation
- Maximizes market and regulatory acceptance.



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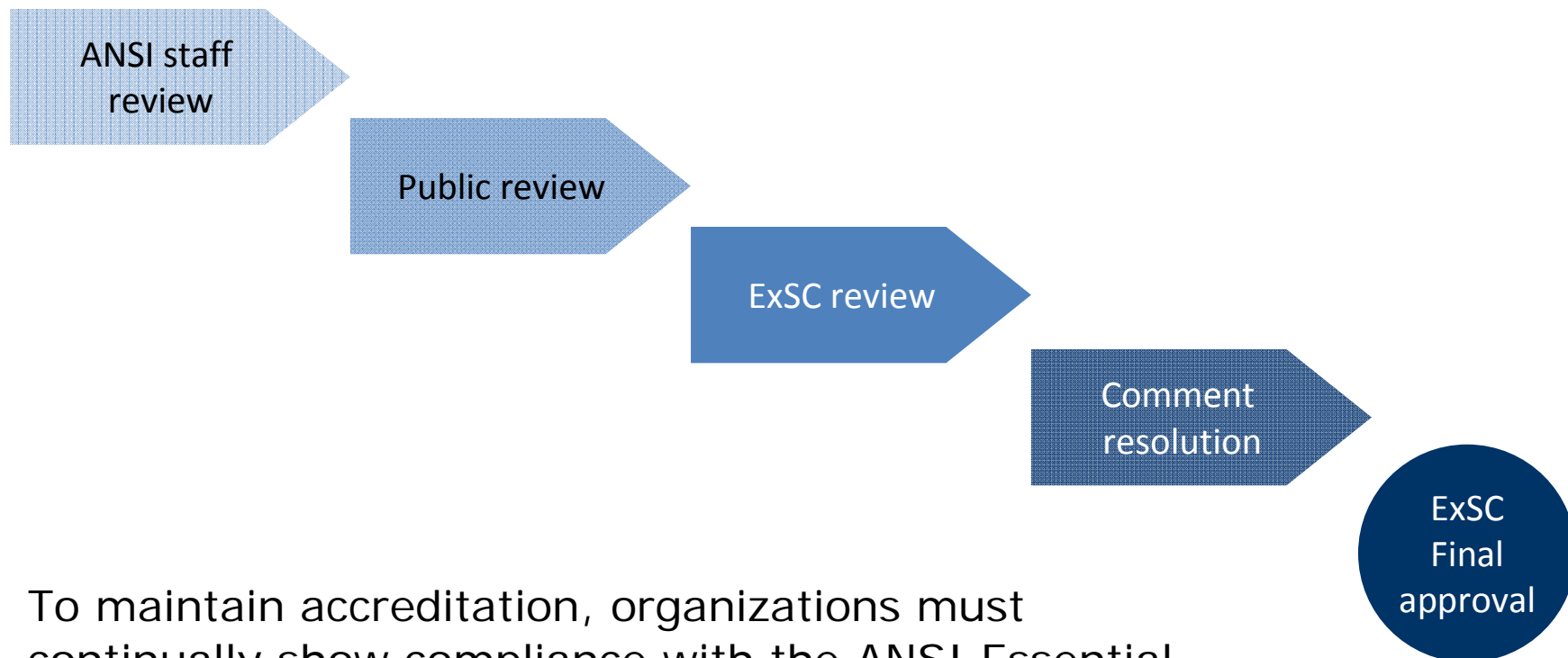
What are the essential requirements of accreditation?

- Due process
- Openness
- Balance
- Consensus
- Public review
- Appeals



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What is the process for accreditation?



To maintain accreditation, organizations must continually show compliance with the ANSI Essential Requirements, submit revised procedures to ANSI for approval, and submit to regular audits