

# NIST Technical Assistance VVSG Comments Resolution

**Presentation for the EAC**

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**National Institute of Standards and Technology**

**<http://vote.nist.gov>**

**NIST**

**National Institute of Standards and Technology**  
Technology Administration, U.S. Department of Commerce

# Overview

- NIST assisted as follows:
  - Provided technical analysis
  - Identified major policy issues
  - Assisted in restructuring IDV material and revising the glossary
- EAC made final determinations of issues and comment resolutions

# Comment Review Teams

- Human factors team dealt with
  - Sections 2.2.7: Human Factors
  - Section 6.8: VVPAT
- Security team dealt with
  - Section 6: setup validation, software distribution, wireless, VVPAT
  - Appendix D: IDV discussion and characteristics
- Core Requirements team handled VVSG comments on other sections and areas not updated by NIST/TGDC/EAC
- All teams contributed to glossary definitions and changes

# Policy Issues

- NIST assisted in identifying policy issues for EAC commissioners, including:
  - Setup validation affecting voting system architectures
  - VVPAT sequential paper record privacy affecting spooled paper tapes
  - Restructured IDV information in section 6
  - Strengthening dexterity issues

# Comments

- NIST was gratified that the public commented extensively, which helped to improve the VVSG
- Many comments would have required major changes and were deemed “carry over” for reasons including
  - Technical feasibility
  - Research needed
  - Time constraints
- Carry over comments will be addressed in new versions of VVSG

# New VVSG

- NIST will be delivering new modules of an expanded VVSG in 2006/2007
- The new material will address the carry over comments
- New sections include
  - Usability performance benchmarks
  - Expanded basic security and IDV sections
  - Significantly expanded core requirements areas addressing software development and testing

# For More Information...

## NIST Voting Site:

- Contains all NIST, TGDC documents, drafts, meetings, etc.
- <http://vote.nist.gov>