Law Enforcement inadequately equipped
No reliable information on products or equipment

The Challenge of Crime in a Free Society
President's Crime Commission Report 1967
Matrix management organization
Help identify needs
Design projects to meet needs
Find ways to get projects done
Programs
Testing
Compliance

Mission:
- American Society for Testing & Materials
- Armor & Protective Systems Working Group
- Bureau of Alcohol, Tobacco & Firearms
- Department of Defense
- DOD, Computer Forensics Laboratory
- DOJ, Office of Domestic Preparedness
- Federal Aviation Administration
- Federal Bureau of Investigation
Occupational Safety & Health Administration

Police Scientific Development Branch, U.K.

Royal Canadian Mounted Police

Technical Support Working Group (TSWG)

United States Army (SBCCOM)

United States Secret Service

University of Utah, Center for Human Toxicology

University of Virginia

White House Office of Science and Technology Policy
Nah! I think I’ll create the Internal Revenue Service instead.
Federal Government Standards

- Thousands for regulatory and military use
- New ones created for every new requirement
- Often duplicate private sector voluntary consensus standards

Out of Standards Business
National Technology Transfer and Advancement Act

- Federal agencies must use voluntary consensus standards.
- Federal agencies participate in process.
Performance Standards
How well it has to work

Design Standards
How it has to be built
"Most commodity SubGroups have realized that all equipment that falls in the individual equipment categories will not provide suitable levels of field performance."

1999 IAB Annual Report
STANDARDS COORDINATION COMMITTEE

- Committee's Executive Agent
- Arbiter, Coordinator & Administrator
CBRNE Equipment Standards

- Existing standards inadequate for hybrid industrial/military standards
- CBRNE agents different from industrial hazards
- Domestic incidents different from battlefield situations
CBRNE Equipment Standards

TECHNICAL CHALLENGES

- Specific threats and exposures not characterized
- Systematic identification and measurement lacking
- Some necessary detection technologies unavailable
CBRNE Equipment Standards

PRIORITY

Standards for Personal Protection Equipment (PPE)
Standards for CBRNE Respiratory Devices
National Institute for Occupational Safety & Health

- Lead technical role

U.S. Army Soldier Biological Chemical Command

- Supports NIOSH's efforts
Team Achievements

- Identification of specific respiratory hazard exposures
- Computer-based tool for modeling CBRNE attacks
- Analysis of existing CBRNE respiratory standards
- First CBRNE respirator certification standard
CBRNE Equipment Standards

PROGRAM EXPANSION

- CB Detection
- Decontamination
- Radiological, Nuclear and Explosives

LOGOS:
- SBCCOM
- NFPA® International
- NIST
- NIOSH
STANDARD

*standard* (n.)
a conspicuous object (as a banner) carried at the top of a pole and used to mark a rallying point, especially in battle, or to serve as an emblem.