

Standards for Anti-counterfeiting

Michael O'Neil

Executive Director, NASPO

Secretary ISO TC247

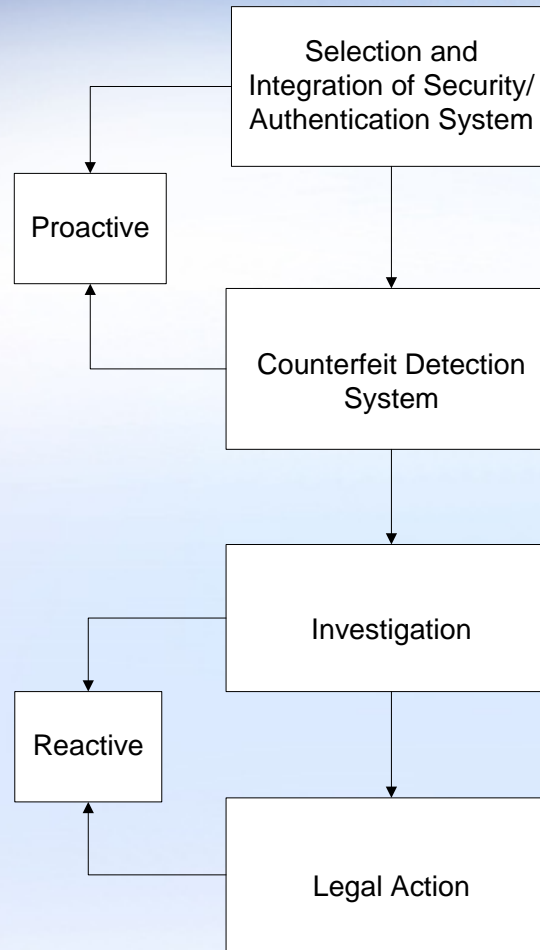




Why standards?

- Standards provide guidance
- Standards educate
- Standards can unify organizations
- Standards can provide compliance
- Standards can provide consistency
- Standards can be a basis for trusted partners

Anti-counterfeiting Program





ANSI Standards Development Organization

- North American Security Products Organization (NASPO)
- The mission of the North American Security Products Organization, NASPO, is to: develop national and international fraud countermeasure and control standards and to support those standards through education, auditing, and certification.



ISO Technical Committee

- ISO TC 247 “Fraud countermeasures and controls”
- Standardization in the field of the detection, prevention and control of fraud, defined as an intentional act of deception that creates human or economic harm. Examples include counterfeiting, identity theft, smuggling or other infringements. This involves establishing standards relating to fraud in the areas such as:
 - a) security assurance of operational facilities and organizations, and their related compliance standards
 - b) supply chains for security technologies, products and/or material goods of value and service components
 - c) interoperability and the performance of security technologies



Current National and International Anti-counterfeiting Standards

- “ANSI/NASPO Security Assurance Standard”
- ISO 12931 "Performance criteria for authentication solutions for anti-counterfeiting in the field of material goods”



ANSI/NASPO Security Assurance Standard

- American National Standard
- Risk based requirements (9 Common Areas of Risks)
- Provides a certification process for organizations that must meet security assurance requirements.
- Security requirements for organizations and their supply network.
- Development of trusted parties



ISO 12931

"Performance criteria for authentication solutions for anti-counterfeiting in the field of material goods"

- **Scope:** This International Standard specifies performance criteria and evaluation methodology for authentication solutions used to establish material good authenticity throughout the entire material good lifecycle.
- Developed for brand owners and technology providers to assist in the selection of authentication technologies.
- Provides a process for the selection and implementation of authentication technologies for anti-counterfeiting.



Standards under development

- ISO 16125 Security management system
- ISO 14298 Security management system for Security Printers
- ISO 16678
Anti-counterfeiting track and trace method using unique identifier numbering



ISO 16125

“Security Management System”

- A Security Management System
- An organizational management process
- Risk based requirements
- Provides a process for organizations to establish compliance to the requirements of the standard.
- Currently in the ISO standards development process.
- Development of national and international trusted parties.



ISO 14298 Security Management System for Security Printers

- Industry specific standard based upon the Intergraf security compliance program.
- For security printers and security hologram manufacturers only.
- Security compliance requirements aligned with ISO 16125.



ISO WD 16678

“Anti-counterfeiting track and trace method using unique identifier numbering”

- An interoperability framework for the authentication of unique numbering systems (mass serialization).
- The creation of a trusted network of authentication authorities.
- The ability for supply chain parties to authenticate a product down to the consumer level if necessary.



Conclusion

- An Anti-counterfeiting program should be both proactive and reactive.
- Standards assist and support proactive and reactive processes.
- Standards provide guidance and systems for anti-counterfeiting programs.
- Standards can provide networks of trusted parties.



Questions

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Thank you

- Michael O'Neil
Executive Director NASPO
Secretary to ISO TC247
mikeo@naspo.info

