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Give Me 5: Understanding Cyber Security: Part 3 – Protecting Classified Information

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Give Me 5 Understanding Cyber Security Part 3: Protecting Classified Information





Women Impacting Public Policy (WIPP) is a nonprofit, membership organization working to increase the economic power and public policy clout of women entrepreneurs by providing essential business skills education, leadership opportunities for business and personal growth, and a seat at the table among policymakers in Washington, D.C.

WIPP was founded in 2001 and is recognized as a national, nonpartisan voice for women business owners, advocating on behalf of its coalition of 4.7 million businesswomen including 78 business organizations. WIPP identifies important trends and opportunities and provides a collaborative model for the public and private sectors to advance the economic empowerment of women.

www.WIPP.org



Give Me 5

- National program from WIPP & American Express OPEN designed to educate women business owners on how to apply for and secure federal procurement opportunities.
- Give Me 5 works to increase the representation of Women Business Owners that win government contracts. We provide accessible business education tools to assist both new and experienced federal contractors.
- Women Business Owners could gain more than \$4 billion in annual revenues if the 5% contracting goal set by Congress was reached.



Your Voice - Be heard!



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Give Me 5 Understanding Cyber Security Part 3: Protecting Classified Information



Instructor



Angela Dingle, President Ex Nihilo Management, LLC

- Women Impacting Public Policy (WIPP) Education Foundation Board of Directors
- Certified in the Governance of Enterprise Information Technology (CGEIT)
- Managed over \$40 million in Government Contracts



Course Goals

Understand What It Is
Understand Your Responsibilities
Understand How to Protect Your Business



Cyber Security Defined...

Cyber Security is a collection of policies, procedures, practices and technologies designed to protect networks, computers, programs and data from attack, damage or unauthorized access.



What is a DFARS?

Defense Federal Acquisition Regulation Supplement (DFARS) - a supplement to the FAR that provides DoD-specific acquisition regulations that DoD government acquisition officials – and DoD contractors– must follow.



What You Need to Know

DFARS Clause 252.204-7012

DFARS Clause 252.204-7009

DFARS Clause 252.239-7001

**National Industrial Security Program Operating
Manual (NISPOM) Chapter 8**



Does This Apply to Me?

- **Contractor Information Systems (IS) that process classified information**
- **Intelligence Activities**
- **Cryptologic Activities**
- **Military Command and Control Systems**
- **Weapons Systems**
- **Classified in the interest of National Defense or Foreign Policy**



Does This Apply to Me?



- **Prime Contractors**
- **Subcontractors**
- **Lower Tier
Subcontractors**
- **Small Businesses**
- **Mandatory Flow-Down**



Know Your Responsibilities

- Assign an Information System Security Manager (ISSM)
- Create System Security Plan
- Implement Security Controls
- Self Certify Test Results
- Train Users
- Request Approval to Operate



What Do I Have to Implement?

- Access Controls
- Audit Capability
- Data Transmission
- Configuration Management
- Identification and Authentication
- Resource Controls
- Session Controls
- System Assurance
- Security Documentation
- Personnel Security
- Physical Security
- Separation of Functions
- Security Assessment
- Systems Recovery
- Maintenance
- Security Testing

What's the Difference?

NISPOM defines personnel requirements, system configurations, technical baselines, formalized procedures, and a pre-defined process that must be followed in order to maintain compliance.



What Else Do I Need to Know?

The required level of protection will vary based on Confidentiality, Integrity and Availability



Report Cyber Intrusions

**Sufficient facts and circumstances of the intrusion
and**

**Constitute a threat to the protection of classified
information, information systems, or programs
covered by the NISPOM**



How to Report a Cyber Intrusion

1. Identify the Specific Threat
2. Include Activities on Unclassified Systems
3. Gather Facts and Circumstances (e.g., Location, Date, Type, Description, etc.)
4. Submit report to FBI with a copy to DSS



How It Impacts Your Business

- Personnel Changes
- Training Programs
- Personnel Security Policies
- Increased Accountability
- Access Controls



Protecting Your Business

- **Educate Yourself and Your Staff**
- **Review Contracts to Understand Responsibilities**
- **Implement Appropriate Safeguards**
- **Inspect What You Expect**
- **Consult with a Professional Expert to Assist**



Review

- **NISPOM and DFARS define safeguards for protecting classified contractor information systems**
- **Requires Government approval of security controls**
- **Similar to the requirements for protecting unclassified contractor information systems**



Questions?

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Thank You For Participating

Following this call you will receive links to the podcast of this session.

For questions, please contact Lin Stuart at
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Your Voice - Be heard!



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