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## **Give Me 5: Understanding Cyber Security: Part 2 – Protecting Unclassified Information**

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# Give Me 5 Understanding Cyber Security Part 2: Protecting Unclassified Information

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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](http://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!



[www.wedecide2016.org](http://www.wedecide2016.org)



# Give Me 5 Understanding Cyber Security Part 2: Protecting Unclassified 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 You Need to Know

**Executive Order 13556** establishes an open and uniform program for managing information that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Government-wide policies, excluding information that is classified under Executive Order 13526



# What You Need to Know

**DFARS Clause 252.204-7012** requires contractors to adequately safeguard unclassified controlled technical information; investigate and report cyber incidents to DoD.



# What You Need to Know

**NIST SP 800-171** provides federal agencies with recommended requirements for protecting unclassified information for use in contractual vehicles or other agreements established between the agency and contractors



# Does This Apply to Me?



- Prime Contractors
- Subcontractors
- Commercial Items
- Small Businesses
- Mandatory Flow-Down



# What Data is Affected?

- Research and Engineering Data
- Engineering Drawings
- Lists, Specifications
- Standards
- Process Sheets
- Manuals
- Technical Reports
- Technical Orders
- Catalog Item Identifications
- Data Sheets
- Studies
- Analyses
- Software Code

# Know Your Responsibilities

- Implement Adequate Security
- Compliance Notification within 30 days of Contract Award
- Investigate Cyber Incidents
- Report Cyber Incidents within 72 Hours
- Protect Cyber Incident Data for 90 Days from Submission





# What is Adequate Security?

**Adequate Security** is defined as protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information

# What is Adequate Security?

- Access Control
- Awareness and Training
- Audit and Accountability
- Configuration Management
- Identification and Authentication
- Incident Response
- System and Information Integrity
- Media Protection
- Personnel Security
- Physical Protection
- Risk Assessment
- Security Assessment
- Systems and Communications Protection
- Maintenance

# A Closer Look...

## Worksheet Activity



# What is a Cyber Incident?

**Cyber Incident** means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.



# Investigate Cyber Incidents

**Analyze information systems and identify compromised servers, accounts, etc.**

**Review the data that was accessed**

**Preserve and protect images and evidence of compromised systems**



# How to Report a Cyber Incident

1. Investigate the Incident
2. Gather Company Information (e.g., DUNS, CAGE Code, POCs, etc.)
3. Gather Cyber Incident Details (e.g., Location, Date, Type, Description, etc.)
4. Submit report to:  
<http://dibnet.dod.mil>



# How It Impacts Your Business

- **Organizational Standards**
- **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

- **NIST SP 800-171 defines safeguards for protecting unclassified information**
- **DFARS Clause 252.204-7012 governing Department of Defense contracts went into effect November 2013**
- **New FAR Clause governing Civilian contracts to be released in 2016**



# 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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- Participate in our educational series – unlimited opportunities for you and your staff
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