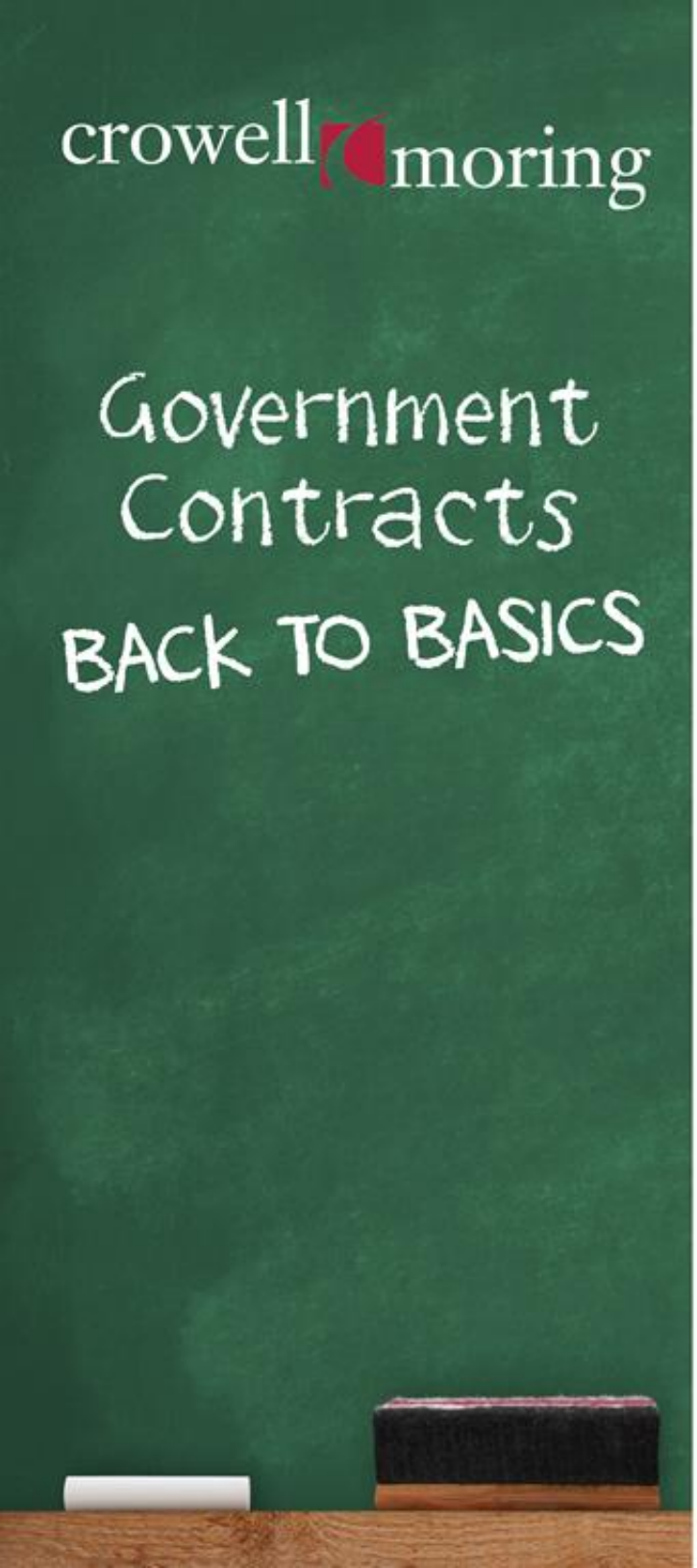

CYBERSECURITY FOR CONTRACTORS

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Today's Curriculum

- Introduction to Cybersecurity
- Cyber Contracting Clauses and Provisions
- Information Sharing Arrangements
- Responding to Incidents

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Introduction to Cybersecurity

- Overviewing the threat environment
  - Nation state actors
  - Economic espionage
  - Insider threats
    - Malicious and negligent
  - A word about ransomware

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Introduction to Cybersecurity

- Key cybersecurity concepts
  - Goals: Confidentiality v. Integrity v. Availability
  - Methods: Administrative v. Technical v. Physical
  - Multi-stakeholder approach
    - This is not just an IT issue!
  - Managing up and down the supply chain
    - Security is all about the lowest common denominator.

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Introduction to Cybersecurity

- Key cybersecurity standards
  - NIST = National Institute of Standards & Technology // SP = Special Publication
  - NIST SP 800-53 Rev. 4
    - Security standard for federal agency systems
    - Applicable when acting as an extension of your customer
  - NIST SP 800-171 Rev. 1
    - Security standard for contractor systems with federal information
    - Applicable when using your own systems to handle customer information

Cyber Contracting Clauses and Provisions

- Common cyber clauses
  - FAR 52.204-21 (JUN 2016), *Basic Safeguarding of Covered Contractor Information Systems*
  - Mandatory in all contracts
  - Requires protection of "Federal contract information" residing on their information systems
  - Requires protection via 17 controls pulled from NIST SP 800-171

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Cyber Contracting Clauses and Provisions

- Common cyber clauses
  - DFARS 252.204-7012 (OCT 2016), *Safeguarding of Covered Defense Information and Cyber Incident Reporting*
  - Requires protection of "covered defense information"
  - Requires protection via all 110 controls in NIST SP 800-171

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Cyber Contracting Clauses and Provisions

- Common cyber clauses
  - DFARS 252.204-7012 (OCT 2016), *Safeguarding of Covered Defense Information and Cyber Incident Reporting*
  - Also requires reporting of incidents affecting either "covered defense information" or "operationally critical support"
  - Also requires subcontractor flowdowns when applicable

Cyber Contracting Clauses and Provisions

- Common cyber clauses
  - Pending FAR clause focused on “controlled unclassified information”
  - Expected to largely mirror DFARS Safeguarding Clause
  - Expected to be proposed in the next few months

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Cyber Contracting Clauses and Provisions

- Like DoD, many agencies have their own supplemental cyber clauses
  - Homeland Security → "HSAR"
  - State Department → "DSAR"
- And the customer can set a higher floor
  - Read your SOW/PWS!
  - But don't be afraid to push back.

Information Sharing Arrangements

- Defense Industrial Base (DIB) Cybersecurity Information Sharing Program
- Information sharing & analysis centers (ISACs)
- Information sharing & analysis organizations (ISAOs)

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Responding to Incidents

- Investigations
  - Internally led
  - Led by your customer (or their delegate)
- Notifications
  - Mandatory and voluntary
- Engaging with law enforcement
- Remediation and after-action reviews

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QUESTIONS?

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