NC STATE UNIVERSITY
Industry Extension Services

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Cybersecurity Solutions for North Carolina Manufacturers

Is Your Data an Asset - or a Liability?

Manufacturers generate more operational data than any other industry—yet that same data has made manufacturing the #1 target for cybersecurity attacks and ransomware. Whether you supply the defense industry or simply want to protect your operations, cybersecurity is no longer optional.

Choose the path that fits your business:

The DoW Compliance Path

Focus: CMMC 2.0 & Federal Requirements

100% of Department of War contractors will require cybersecurity certification before contract award. With only ~100 authorized assessors nationwide, the certification bottleneck is real.

What We Solve

- NIST SP 800-171 Readiness
- CMMC Level 1 & Level 2 Gap Analysis
- SPRS Score Improvement
- Documentation & Compliance Roadmap

Your Outcome

Secure your federal contracts and gain a competitive advantage in the defense supply chain.

The Business Continuity Path

Focus: Risk Mitigation & Profit Protection

Manufacturing is the #1 target for undisclosed cyberattacks. 38% of global businesses rank cybersecurity as their top risk—yet less than half are prepared.

What We Solve

- Employee Awareness & Phishing Defense
- Ransomware Risk Reduction
- Business Continuity & Incident Preparedness

Your Outcome

Protect your shop floor, intellectual property, and your bottom line.

Start with a Brief Conversation

Not ready for a full cybersecurity project? Ask about our Brief Cybersecurity Conversation Session with one of our cybersecurity specialists. In this focused session we will:

- Review your current cybersecurity risks
- Discuss your data flow and vulnerabilities
- Identify potential compliance gaps
- Provide practical next steps for your business

Walk away with valuable insights and a roadmap!

Benefits of a Strong Cybersecurity Program:

Protect Operations and Avoid Costly Downtime
Cybersecurity incidents can shut down production lines, disrupt supply chains, and halt shipments. Strengthening cybersecurity helps keep your shop floor running and orders moving.

Secure Your Intellectual Property
Manufacturers hold valuable data—product designs, processes, customer data, and proprietary technology. Cybersecurity safeguards the innovation and competitive advantages your business depends on.

Maintain and Win Federal Contracts
For companies in the defense supply chain, compliance with CMMC 2.0 and NIST SP 800-171 is becoming mandatory. Early preparation helps ensure you qualify for contracts and remain a trusted supplier.

Reduce Financial Risk
Cyberattacks can lead to significant costs including ransom payments, lost revenue, regulatory penalties, and reputation damage. Proactive cybersecurity helps minimize financial exposure and unexpected losses.

Strengthen Workforce Awareness
Many breaches begin with phishing emails or human error. Employee training builds a cyber-aware workforce that can recognize and prevent threats before they spread.

Improve Business Continuity
Prepared organizations recover faster from cybersecurity incidents. Planning and resilience strategies help ensure your business can respond quickly and continue operating during disruptions.

Gain Competitive Advantage
Customers and partners increasingly evaluate cybersecurity practices when choosing suppliers. Demonstrating strong cybersecurity readiness can build trust and differentiate your company in the marketplace.

Turn Data into a Strategic Asset
Instead of becoming a liability, properly secured data can drive better decisions, operational insights, and AI-enabled innovation.

Connect with your Regional Manager to begin the conversation. ncstateies.com/RM

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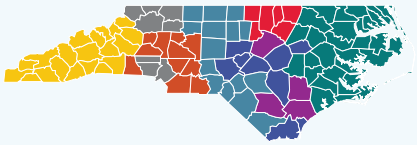
We Can Help. **919.515.2358 | iesservices@ncsu.edu**

NC State University Industry Extension Services, established in 1955 as the outreach team for the NC State University College of Engineering, provides resources, tools and customized training programs to help businesses survive, thrive and grow.

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Connect With Your Regional Manager

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