Cyber (In)Security
“Tips On What To Do Now”

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What is GENEDGE?

We are the Manufacturing Extension Program of Virginia

An Economic Development unit of the Commonwealth of Virginia

Part of the Department of Commerce / NIST network of Centers across the country (60 centers, 1500 staff nationally)

20 years of success supporting Virginia businesses

Since 2000, the #1 Bottom-Line and Top-Line Impact Producer in the system – over $3.5 Billion of business impact reported

Over 10,500 industrial jobs created / retained

32 staff including two sub-recipient partners, The Manufacturing Technology Center in SW VA and Old Dominion University in Hampton Roads
What Does GENEDGE Do?

- Strategic Innovation and Growth
- Continuous Process Improvement
- Sustainability
- Supply Chain Optimization
- Technology Acceleration
- Export Assistance
- Market Commercialization
Some Fun Facts!

Word “cybersecurity” coined in 1989 (this was before the internet folks)

The U.S. Navy receives 110,000 cyber attacks every hour

Iphone was first introduced in the United States on June 29, 2007

- sold 6.1m units
- 700 MILLION units in the world now
What Is “Cybersecurity” Anyway?

Confidentiality

Integrity

Availability

Non-repudiation

Authentication
Security is a Combination of Things

Policies

Procedures

Technology

Behaviors (social media, email)
Some Security Basics

2 Factor Authentication

Access Control

Encryption

Firewalls

Vulnerability Management (Alerts & Actions)

Risk Management (probabilities & impact)

Built-in Software Assurance (within your systems....where are you getting S/W from?)
Downloadable Self-Assessment

http://www.genedge.org/cybersecurity-assessment-request
Summary of Support:

• GENEDGE services can help identify your weak spots, decrease the costs of increasing your security

• We work with technical firms to conduct a vulnerability assessment

• Provide you with a gap analysis

• Work with you to prioritize the gaps and target spending to protect “Crown Jewels”

• Help develop an implementation plan to close the gaps

• Provide guidance on completing an Information Security Plan
Thank You For Attending

Contact GENEDGE

To Help Improve Your Security Posture

And Reduce Cyber Risks

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