



Cyber (In)security
Elements of a Cybersecurity
Information Security Plan:
How and Why You Need One

| Presented by:

Roy Luebke | GENEDGE
Innovation and Growth Consultant

Carter Schoenberg, HEMISPHERE Cyber

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What is GENEDGE?



MEP • MANUFACTURING
EXTENSION PARTNERSHIP

NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE

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

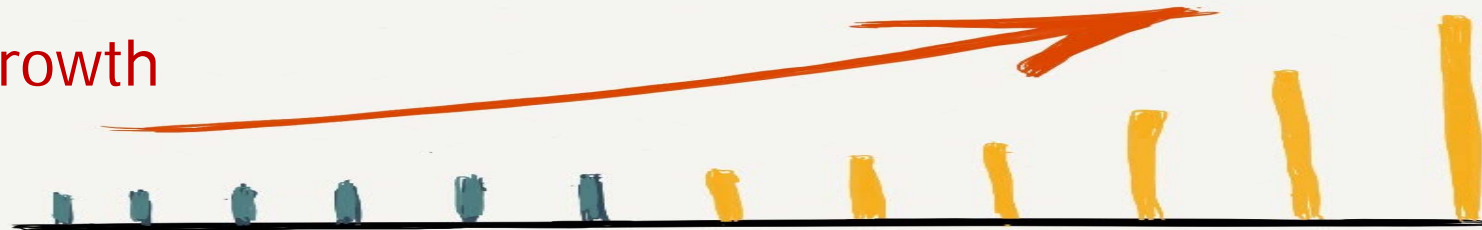
Over 10,500 industrial jobs created / retained

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

Growth



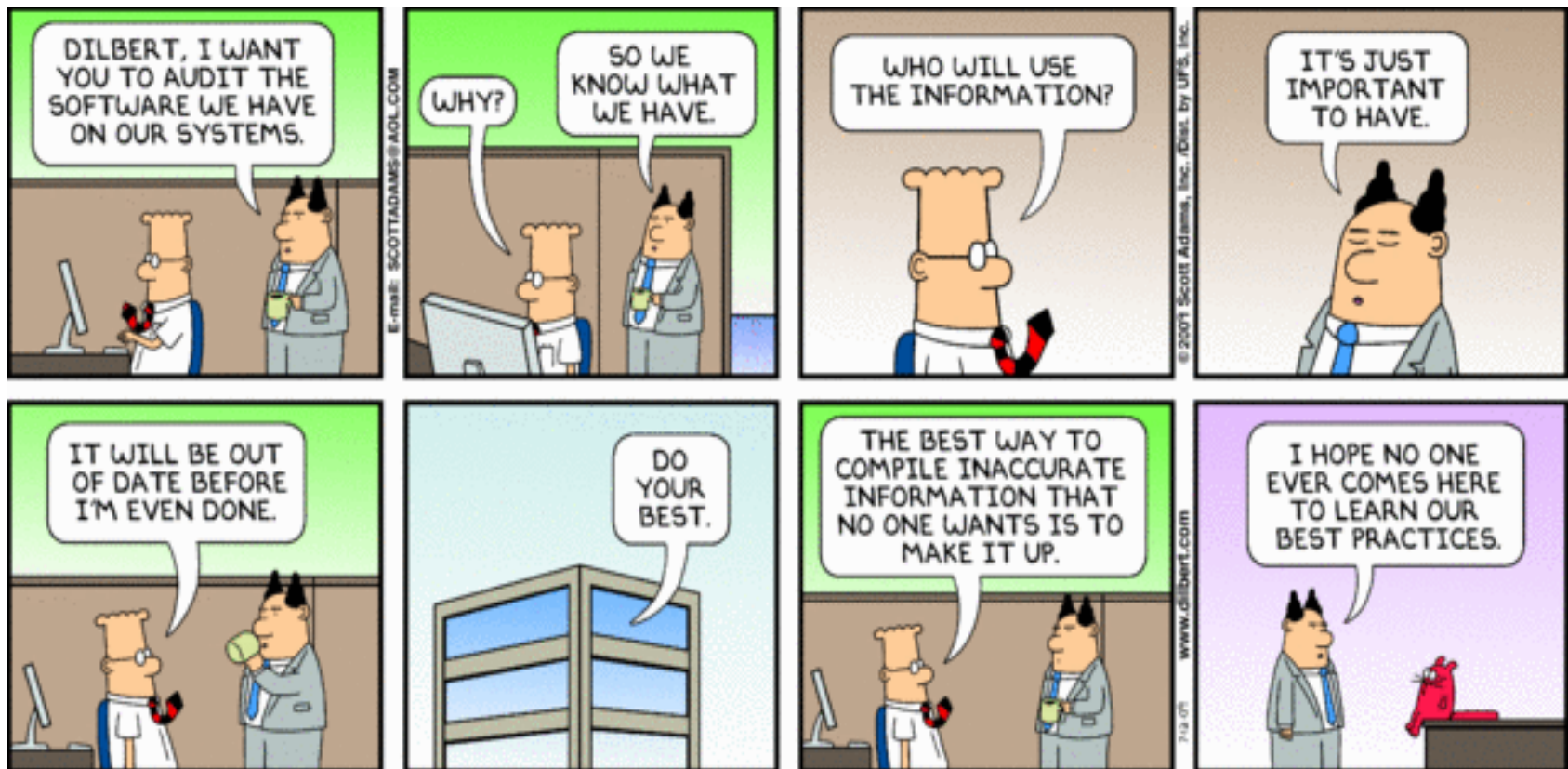
Security is a Combination of Things



Behaviors
(social media, email)

Information Security Planning

It's NOT an exercise in SHELFWARE



What Is An Information Security Plan?

Focus: Improve protection of information system resources

Goal: Reduce the overall risk of loss when a breach occurs...which WILL happen (ask Equifax's ex-CEO)

Plan: Ranges from cyber attack prevention through business recovery

Why: The process of documenting will expose gaps

What Is An Information Security Plan?

Documentation of the structured process of planning adequate, cost-effective security protection for a system

Input from various managers with responsibilities concerning the system, including information owners, the system owner, and key stakeholders

May require industry-specific requirements, reporting, auditing

- Department of Defense DFARS 7012
- NIST SP 800-171 specifications

Carter Schoenberg - President



www.hemispherecyber.com

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

GENEDGE

To Help Improve Your Security Posture

And Reduce Cyber Risks

Roy Luebke

Email: rluebke@genedge.org

Cell: 276-732-8372