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an R. L. Nelson & Associates Company

CyberSecurity Webcademy:

# Being Prepared for an Incident

# Presenters

Justin Krentz – Account Executive in Pennsylvania

Tyler Lewan – Account Executive in Colorado

# Agenda

Summary of previous sessions

Being Prepared for an Incident

What's next?

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# Summary of Session #1: The Basics

- [x] **Security Assessment**
- [x] **Staff**
- [x] **Spam Email**
- [x] **Passwords**

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# Summary of Session #2: Securing Your Environment

- [x] **Computer Updates**
- [x] **Log Management**
- [x] **Firewalls**
- [x] **Encryption**

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# Summary of Session #3: Make it Hard for Cyber Criminals to Get In

- ☑ **Advanced Endpoint Detection**
- ☑ **Multi-Factor Authentication**
- ☑ **Web Gateway Security**
- ☑ **Dark Web Research**

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# Risk #1: Whoa, Back Up


## Back Up/Disaster Recovery Procedures

- Most processes are executed inconsistently
- No policies or plans in place for a restore or disaster scenario
- You can’t predict when data loss will happen

Cisco’s Annual Cybersecurity Report

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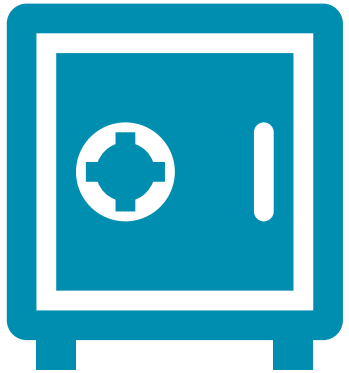
# Prevention #1: **Comprehensive Backup plan**

- Backup local and to the cloud
- Have an offline backup for each month of the year
- Disaster Recovery testing, planning and updates
- Test your backups often!



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# Advantages #1: **Back Up**

- Without backups, natural disasters could put you out of business
- Your business has the right solutions to recover its critical data
- Recovery Time expectations
- Lost data hurts your brand's reputation

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# Risk #2: Going Down, Down, Down


Source: Cisco 2020 Benchmark Report

- Data breach can happen when you least expect it
- Wasting time and energy deciding what to do
- Only as good as your processes and practices
- Can’t maintain continuity in an emergency

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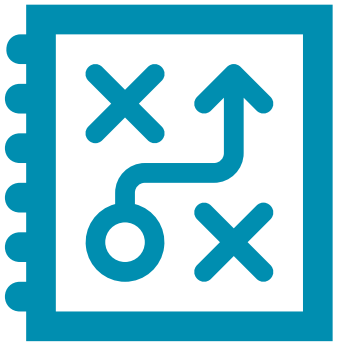
# Prevention #2: **Response Plan**

**A detailed set of instructions to follow in the event of a security breach**

- Enable your team to analyze the breach
- Determine what went wrong
- Limit the damage
- Make whatever improvements to prevent similar events from occurring



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# Advantages #2 - **Response Plan**

- Can limit downtime
- Team members have steps to follow
- Secure the situation and get the company back on track

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# Risk #3: Your Biggest Risk


- Combat cybercriminals by investing on technology, not the human side
- Employees are first line of defense
- Thinking cybersecurity is IT's responsibility
- Pushing policies without proper explanation

Sources: Willis Towers Watson

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# Prevention #3: **CyberSecurity Culture (CSC)**

- Explaining and raising awareness about cyber risks and implications
- Enforcing procedures that will assimilate easily with daily work routines and practices
- Showing how behavior can help or hinder the entire organization's structure

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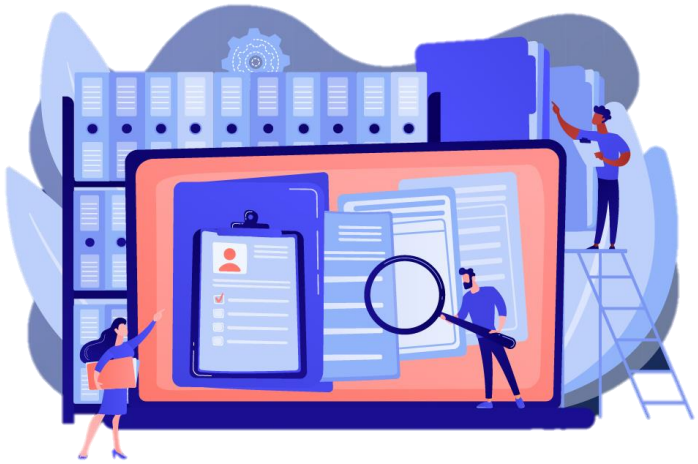
# Advantages #3: **Promoting CSC**

ransition from a fragmented approach to a
ybersecurity Culture



- Don’t skip the basics
- Continually educate and inform
- Measure the effectiveness of your CSC and adjust accordingly
- Reward/ recognize/ celebrate successes

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# Prevention #4: **Cyber Insurance**

Hard Costs

Soft Costs

1. Liability – 1st, 3rd, Multimedia
2. Fines and Penalties
3. Crisis Management Services
4. Data Replacement and Recovery
5. Business/Dependent Interruption
6. Reputational Damage
7. Crime Coverages
8. Newer Coverages

FIFTHWALL

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# Your Graduation Gift!


# National Cybersecurity Awareness Month

## Observed every October

- Week 1: If You Connect It, Protect It
- Week 2: Securing Devices at Home and Work
- Week 3: Securing Internet-Connected Devices in Healthcare
- Week 4: The Future of Connected Devices

staysafeonline.org

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# Thank you!

Justin Krentz:
Jkrentz@verticalsol.com
724-493-0933

Tyler Lewan:
tlewan@verticalsol.com
847-987-9606

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an R. L. Nelson & Associates Company