



# DataGrams



## How To Organize Your Cybersecurity Strategy

*[Cue Star Wars opening crawl]*

In the pulsating digital landscape, every click and keystroke echoes through cyberspace. The battle for data security rages on.

Businesses stand as both guardians and targets as unseen adversaries covet their digital assets. Businesses must arm themselves with a sophisticated arsenal of cybersecurity strategies to defend against these adversaries.

On one side, the vigilant guards of protection (Left of Boom). On the other, the resilient bulwarks of recovery (Right of Boom).

Together, these strategies form the linchpin of a comprehensive defense. They help ensure that businesses can repel attacks.

And if breached, rise stronger from the ashes.



In the realm of cybersecurity, “Left of Boom” and “Right of Boom” are strategic terms. They delineate the proactive and reactive approaches to dealing with cyberthreats.

“**Left of Boom**” refers to preemptive measures and preventative strategies. These are implemented to safeguard against potential security breaches. It encompasses actions aimed at preventing cyber incidents before they occur.

“**Right of Boom**” refers to post-breach recovery strategies. Companies use these after a security incident has taken place. This phase involves activities like incident response planning and data recovery.

Together, these terms form a comprehensive cybersecurity strategy. They cover aspects of both prevention and recovery.

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Proven, Field Tested  
**Network Security Strategies**  
To Help Our Clients Make  
**Confident, Real-Time**  
Cybersecurity Decisions.

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## Tips To Declutter Your Digital Space For The New Year

No email address or download required → → →





This monthly publication provided courtesy of Richard Frielink, Founder & President of Data-Link.

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**Left of Boom: Prevention Strategies**

*User Education and Awareness*—One of the foundational elements of Left of Boom is employee cybersecurity education. Regular training sessions can empower staff to protect your business and their individual livelihoods.

*Robust Access Control and Authentication*—Access control tactics include:

- Least privilege access—a user is given minimum levels of access or permissions needed to perform their job. (i.e. DNS Filter product)
- Multifactor Authentication (MFA)
- Contextual access—grant or deny access based on task, not necessarily based on the user’s role. (i.e. ThreatLocker product)

*Regular Software Updates and Patch Management*—Left of Boom strategies include ensuring all software is regularly updated for security.

*Network Security and Firewalls*—Firewalls act as the first line of defense against external threats. Install robust firewalls and intrusion detection/prevention systems (i.e endpoint detection and response product (EDR).

*Regular Security Audits and Vulnerability Assessments*—Conduct regular security audits and vulnerability assessments to identify potential weaknesses in your systems (i.e. penetration testing and risk assessments).

**Our Mission**

To provide IT solutions and services that allow our clients to succeed in an ever changing and challenging business environment.



**Right of Boom: Recovery Strategies**

*Incident Response Plan*—Having a well-defined incident response plan in place is crucial. It should include things like:

- Communication protocols
- Containment procedures
- Steps for recovery
- IT contact numbers

*Data Backup and Disaster Recovery*—Regularly backing up data is a vital component of Right of Boom. Another critical component is having a robust disaster recovery plan.

*Forensic Analysis and Learning*—After a security breach, conduct a thorough forensic analysis. It’s essential to understand the nature of the attack, extent of the damage, and the vulnerabilities exploited.

*Legal and Regulatory Compliance*—Navigating the legal and regulatory landscape after a breach is important.

**EMERGENCY**  
**(630) 406-8969**



**IS YOUR ADMIN PASSWORD**

- admin
- test
- [username] 123 ???

**IF SO, YOU'D BETTER CHANGE IT.**

In 2017, it was uncovered that Equifax used 'admin' for the login and password of a database. Poor data care like this likely caused their eventual data breach that affected 143 million people.

**meet us on socials**

If your business can't afford downtime, you need critical cybernews FAST!







## Resolve to be READY! at Ready.GOV

Be READY this year by practicing emergency plans with your staff and family at home!

Visit Ready.gov to learn about different types of disaster plans, including:

### 1. What to do before, during and after a cyberattack.

2. A pre-fillable family communication plan.

3. 'NetSmartz' videos to teach children to be safer online with the goal of helping them become more aware of potential online risks and empowering them to help prevent victimization by making safer choices on- and offline.

4. Including countless resources about:

- Emergency alerts
- Explosions
- Extreme heat
- Chemicals and hazardous materials
- Home fires
- Household chemical emergencies
- Home safety
- Radiation emergencies
- Severe weather
- Space weather
- Thunderstorms and lightening
- Wildfires
- Winter weather

5. Review anchor pages:

MAKE A PLAN

GET INVOLVED

READY BUSINESS

READY KIDS

Resolve to be ready for a cyberattack and other disasters at Ready.gov, an official website of the United States government.

## MEET RUSSELL KIRSCH

In 1957, Russell Kirsch and a team at the U.S. National Bureau of Standards, using the SEAC computer, built the first image scanner--a drum scanner.

Using that device they took the first digital photograph, a 5 cm square photograph of Kirsch's then three-month-old son, Walden.



The black and white image had a resolution of 176 on a side.



Photo of Russell Kirsch in a Portland coffee shop chatting with a new friend with a Macbook.

**Without the man in the photo, this digital photo of the man seen here would not exist.**

\*mind blown\*

### A Wintery Poem: *Stopping by Woods on a Snowy Evening*

BY ROBERT FROST

Whose woods these are I think I know.  
His house is in the village though;  
He will not see me stopping here  
To watch his woods fill up with snow.

My little horse must think it [odd]  
To stop without a farmhouse near  
Between the woods and frozen lake  
The darkest evening of the year.

He gives his harness bells a shake  
To ask if there is some mistake.  
The only other sound's the sweep  
Of easy wind and downy flake.

The woods are lovely, dark and deep,  
But I have promises to keep,  
And miles to go before I sleep,  
And miles to go before I sleep.





# 2 Ways To Earn Amazon Gift Cards!



## Connect With Angela to Refer A Colleague

The greatest gift anyone can give us is a referral. Referrals help us keep costs down so we can pass the savings to our clients and typically ensures a 'right fit' client for us.

If your colleague ends up becoming a client, we'll gift you a **\$500 Amazon gift card!**\*\* (Referral must have 10+ users, be accepted by DLA as a client, and have completed 3 months of service to be eligible.)

Simply introduce me, Angela Jamerson, Director of Operations, to your colleague via email to [ajamerson@datalinkmsp.com](mailto:ajamerson@datalinkmsp.com) and I will take it from there. We'll look after your colleague's business with the same high level of care and attention as we do yours.

## Connect With Pam to Solve a tech pop quiz!

If you've been reading DataGrams for a while, you'll know the answer to this pop quiz question:

**Is it possible to securely share passwords with your team? Explain.**

Correctly solve and email your answer to our Cyber Wingman Pam at [pbirchfield@datalinkmsp.com](mailto:pbirchfield@datalinkmsp.com) to be entered to win a **\$25 Amazon gift card!**

2 winners will be drawn at random on January 31st and notified via email.

Be sure to include your mailing address so we can mail your gift card to you right away if you are a winner! (We would never condone you clicking on an email offering a gift card.)

DAD,  
WHAT ARE  
CLOUDS  
MADE OF?



LINUX  
SERVERS,  
MOSTLY

## THREATLOCKER — CYBERSECURITY —

No one gets into your network without your approval.  
Ask Angela if ThreatLocker is right for YOUR network.

[ajamerson@datalinkmsp.com](mailto:ajamerson@datalinkmsp.com)

If you're new here...we invite you to:

Scan To Sign Up For Our **Weekly IT Security Tips**  
to receive timely and relevant cybersecurity tips and news via email  
every week!

