tech hero

TECH TIPS

"Insider Tips to Make Your Business Run Faster, Easier and More Profitable"

INSIDE THIS ISSUE:

We love technology and we love helping people.

Give us a call today, 407-269-5300, to find out whether Tech Hero can help you better secure your data and get more out of your existing Technology!

– John Ricketts
Founder CEO

A SIMPLE GUIDE TO THE UPDATED NIST 2.0 CYBERSECURITY FRAMEWORK

Staying ahead of threats is a challenge for organizations of all sizes. Reported global security incidents grew between February and March of 2024. They increased by 69.8%. It's important to use a structured approach to cybersecurity. This helps to protect your organization.

The National Institute of Standards and Technology (NIST) created a Cybersecurity Framework (CSF). It provides an industry-agnostic approach to security. It's designed to help companies manage and reduce their cybersecurity risks. The framework was recently updated in 2024 to NIST CSF 2.0.

CSF 2.0 is a comprehensive update that builds upon the success of its predecessor. It offers a more streamlined and flexible approach to cybersecurity. This guide aims to simplify the framework.

Understanding the Core of NIST CSF 2.0

At the heart of CSF 2.0 is the Core. The Core consists of five concurrent and continuous Functions. These are: Identify, Protect, Detect, Respond, and Recover. These Functions provide a high-level strategic view of cybersecurity risk. This allows for a dynamic approach to addressing threats.

Here are the five Core Functions of NIST CSF 2.0.

1. **Identify** – This function involves identifying and understanding the organization's assets, cyber risks, and vulnerabilities.

2. **Protect** – The protect function focuses on implementing safeguards. These protections are to deter, detect, and mitigate cybersecurity risks.

3. **Detect** – Early detection of cybersecurity incidents is critical for minimizing damage. The detect function emphasizes the importance of detection.

4. **Respond** – The respond function outlines the steps to take in the event of a cybersecurity incident.

5. **Recover** – The recover function focuses on restoring normal operations after a cybersecurity incident.

Profiles and Tiers: Tailoring the Framework

The updated framework introduces the concept of Profiles and Tiers. These help organizations tailor their cybersecurity practices. They can customize them to their specific needs, risk tolerances, and resources.

PROFILES – Profiles are the alignment of the Functions, Categories, and Subcategories. They're aligned with the business requirements, risk tolerance, and resources of the organization.

TIERS – Tiers provide context on how an organization views cybersecurity risk as well as the processes in place to manage that risk. They range from Partial (Tier 1) to Adaptive (Tier 4).

Benefits of Using NIST CSF 2.0

- **Improved Cybersecurity Posture:** By following the guidance in NIST CSF 2.0, organizations can develop a more comprehensive and effective cybersecurity program.

- **Reduced Risk of Cyberattacks:** The framework helps organizations identify and mitigate cybersecurity risks.

- **Enhanced Compliance:** NIST aligned CSF 2.0 with many industry standards and regulations.

- **Improved Communication:** The framework provides a common language for communicating about cybersecurity risks.

- **Cost Savings:** NIST CSF 2.0 can help organizations save money. It does this by preventing cyberattacks

Getting Started with NIST CSF 2.0

- Familiarize yourself with the framework
- Assess your current cybersecurity posture
- Develop a cybersecurity plan
- Seek professional help

By following these steps, you can begin to deploy NIST CSF 2.0 in your organization. At the same time, you'll be improving your cybersecurity posture.

OBSBOT Tiny 2 4K Webcam

Elevate your streaming and video conferencing game with the OBSBOT Tiny 2 4K webcam, offering unparalleled features.

It has a 4K resolution, AI tracking and the 2-axis gimbal that keeps the video smooth, no matter how much you move around.

Upgrade your workspace today with OBSBOT Tiny 2 and experience the difference in video quality, tracking accuracy, and hands-free control.

IS YOUR BUSINESS LOSING MONEY BECAUSE EMPLOYEES CAN'T USE TECH?

Shiny new tech can be exciting! It promises increased efficiency, happier employees, and a competitive edge. But that promise can turn into a financial nightmare if you neglect employee training and change management.

When employees have trouble using their business tools, productivity drops. Mistakes can be made, and customer service can fall.

Lack of Technology Training

Imagine investing in a top-of-the-line CRM system. Then you see your sales team floundering instead of excelling. They can't find key features, struggle with data entry, and miss deadlines.

Why? Because they haven't been properly trained on the new software. It leads to the following costs:

- Lost Productivity
- Costly Errors
- Demotivation and Resistance

Failing to Manage the Change

New technology disrupts workflows. Without proper change management, employees feel overwhelmed and insecure. The goal is to help them transition successfully with proper training and support.

When companies neglect change management, the following can happen:

- Low Morale
- Use of Shadow IT
- Resistance to Future Improvements

Building a Bridge to Success

So, what is the key to unlocking the true value of new technology? It lies in effective training and change management.

Here's how to avoid the negative costs and get the full benefits from your tech.

- **Invest in Comprehensive Training** – Don't treat training as an afterthought. Yes, some tools say they're easy to use. But people have different tech literacy levels. Develop a tailored training program that goes beyond basic features. Include video tutorials, hands-on workshops, and ongoing support resources.
- **Focus on User Adoption, Not Just Features** – Training shouldn't just explain how the software works. It should focus on how the new system will benefit employees in their daily tasks and improve workflow efficiency. If employees don't adopt the new solution, the project fails.
- **Embrace Change Management** – Communicate the "why" behind the change. Explain how the new technology will make everyone's jobs easier. Encourage open communication and address concerns throughout the transition.

THE TAKEAWAY

New technology is a powerful tool, but it's only as valuable as its users. Prioritize employee training and change management. This will help you bridge the gap between a shiny new system and a real return on investment.

Happy, well-trained employees using the right tools are your secret weapon. They can help you maximize efficiency, boost morale, and stay ahead of the curve.

HOT OFF THE DIGITAL PRESSES... LEARN ABOUT MICROSOFT COPILOT FOR FINANCE

Microsoft Copilot has been heading up the business AI charge. This genAI-powered app is showing up in various function-related activities. The latest is finance processes.

Microsoft Copilot for Finance is a game-changer. It injects the power of next-generation AI into the heart of your everyday workflow. Imagine having an AI companion that understands the intricacies of finance and collaborates seamlessly with you.

It can help a seasoned financial analyst or a curious learner. It automates repetitive tasks and provides real-time insights. Copilot is poised to revolutionize how we navigate the fiscal realm.

WHAT IS MICROSOFT COPILOT FOR FINANCE?

Copilot for Finance is a new Copilot experience in Microsoft 365. It connects to business financial systems. Such as Dynamics 365 and SAP. It provides finance-based insights and guided actions in:

- Outlook
- Excel
- Microsoft Teams
- Other Microsoft 365 applications

Benefits of Using Copilot for Finance

Copilot for finance offers several benefits to those in financial roles. These include:

- Breaking Free from the Manual Grind
- AI-Powered Insights at Your Fingertips
- Tailored for Your Team
- Seamless Integration for a Frictionless Experience
- Built with Trust in Mind

A Glimpse into the Future of Finance

Copilot for Finance represents a significant leap forward in financial technology. It's more than just automation. It's about harnessing the power of AI to augment human expertise. As well as transform the way finance operates.

10 EASY STEPS TO BUILDING A CULTURE OF CYBER AWARENESS

Cyberattacks are a constant threat in today's digital world. Phishing emails, malware downloads, and data breaches. They can cripple businesses and devastate personal lives.

Building a cyber awareness culture doesn't require complex strategies or expensive training programs. Here are some simple steps you can take to make a big difference.

1. Start with leadership buy-in
2. Make security awareness fun, not fearful
3. Speak their language
4. Keep it short and sweet
5. Conduct phishing drills
6. Make reporting easy and encouraged
7. Security champions: empower your employees
8. Beyond work: security spills over
9. Celebrate successes
10. Leverage technology

IPHONE RUNNING SLOW? SPEED IT UP WITH ONE OF THESE TIPS

Let's face it, iPhones are amazing devices. But even the sleekest, most powerful iPhone can succumb to the dreaded slowdown. Apps take forever to load and scrolling feels sluggish. Pretty soon, simple tasks become frustrating ordeals.

If your iPhone has gone from speedy sidekick to sluggish snail, don't despair!

Here are some easy tips to get your iPhone back in tip-top shape:

- Give it a restart: The digital power nap
- Clean out the digital clutter
- Tame background app refresh
- Turn off location services where you can
- Reduce motion effects
- Update your apps and iOS
- Nuclear option: Reset your iPhone (Back up first!)
- Check your battery health

WHY CONTINUOUS MONITORING IS A CYBERSECURITY MUST

Cyber threats are constantly evolving, and traditional security measures are no longer enough. Continuous monitoring acts as your vigilant digital guard. It's constantly checking for weaknesses. It sounds the alarm before attackers exploit them.

Here's why continuous monitoring is a cybersecurity must:

- Breaches Happen Fast
- Advanced Threats Need Advanced Defenses
- Compliance Requirements Often Mandate It

- Peace of Mind and Reduced Costs
- Improved Threat Detection Accuracy
- Faster Incident Response
- Enhanced Security Posture
- Compliance Reporting

In today's threat landscape, continuous monitoring is not a luxury. It's a security necessity.

Don't wait for a security breach to be your wake-up call. Embrace continuous monitoring and take control of your cybersecurity posture. An ounce of prevention is worth a pound of cure, especially in the digital world.

TECHNOLOGY TRIVIA

Each month you have a chance to win a $50 Amazon Gift Voucher by being the first person to email us with the answer to our Technology Trivia Question of the Month!

The Question This Month is:

What is the name of that cute penguin character appearing in the Linux operating system?

The first person to email me at info@techhero.com with the correct answer gets a $50 Amazon Gift Card!

Last month's answer was *Osborne Company*.