

# Real World Tech Tips

making your business III reliable & more seems than ever

# **Stop Failures!**

#### 9 Ways to prevent Disaster.

- 1. Spam Emails: Secure your email Most attacks happen through Email.
- 2. Passwords: Apply Security Policies.
- 3. Computer Updates: Keep Microsoft, Adobe and JAVA products updated.
- 4. Training: Train your users Often! Teach them about data security, Email attacks, policies and procedures.
- 5. Advance Security: Move beyond outdated antivirus tools of the past.
- 6. Firewall: Turn on Intrusion Detection & Intrusion prevention features.
- 7. Encryption: Whenever possible, the goal is to encrypt files at rest and in motion.
- 8. Two factor Authentication.
- 9. The Most important is Backup: Local (BDR Appliance) & to the cloud, test your backups often.

If you need help to implement any of these, call us today!

### **August 2019**



This monthly publication provided courtesy of SHAN DHOLARIA, CTO of PCPlus Networks.

"As a business owner, you don't have time to waste on technical and operational issues plus security is a BIG concern too..

That's where we shine! Call us and put an end to your IT problems finally and forever!"



# 3 IT Investments You Should NEVER Skimp On

What is standing between your business's data and hackers a world away? What's your plan when your on-site server fails?

When you skimp on technology and IT solutions for your business, the answers to these two questions are simple: 1) There is *nothing* standing between your business's sensitive data and people who want to take advantage of that data; and 2) There is no plan.

It happens way too often. Businesses cheap out on certain aspects of their technology to save a few bucks up-front. You may even know someone who has done just this. They jump at the chance to outfit their office with a huge monitor and a PC with top specs (even though they don't need it) and then they decide that IT security isn't a priority. They aren't willing to pull out the credit card for a security solution because they don't want to deal with a monthly or yearly cost.

But skimping on security can cost them

dearly in time, money, resources and clients. When it comes to investing in IT, here are three things you *never* want to cheap out on.

SECURITY. Far too many businesses – from small to large – underinvest in IT security. We touch on this topic a lot because we see it a lot. These are business owners and managers who fall into the mindset of "It won't happen to me." This is a dangerous line of thinking.

For small businesses, a data breach can be devastating. Not only is data compromised and potentially copied or stolen, but your clients will also immediately question whether or not they should trust you. There's a good chance they end up taking their business elsewhere – and they may even sue you.

When IT security isn't a priority and you invest in the cheapest option available, it's like asking hackers to let themselves in.
One study by the security firm Imperva

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found that over 50% of all Internet traffic is made by bots. Many of these bots are looking for security holes. They test websites and networks, looking for a way in. If they find their way in, they can do some serious damage.

Investing in solid IT security – with an experienced team of IT specialists behind that security – can prevent that damage from ever happening in the first place. It's not only about protecting your business assets but also protecting your clients and giving them another reason why they should trust you.

**BACKUPS.** You keep all of your data on-site with no backups. It's all stored in one central location and that's it. This is a recipe for disaster if you get hacked, but it can be an even bigger disaster if a hard disk or server fails.

Suddenly, you find yourself unable to access client information, invoices, phone numbers – you name it. Having a backup onsite or in the cloud means everything you do has an extra layer of protection. A backup gives you the ability to restore your data should the worst-case scenario occur.

It's even better to go a step further and have a backup for the backup. Have one on-site solution and one cloud-based solution. Even if the backup to the backup is as simple as a 4TB hard drive from Amazon, it has the potential to save your business should anything go wrong.

Of course, you also need a system in place to make sure data is being regularly and accurately updated. Another mistake

"... when you cut corners and cheap out, you will end up paying for it later..." businesses make is buying a backup or backup services, but not making the best use out of it. For example, they simply never bother to set it up. Or it is set up but isn't configured correctly and isn't backing up data as intended – or is backing up data too infrequently to be useful.

**UPDATES.** How old is your technology? Think about the hardware you're running – and the software on that hardware. Letting your technology fall behind the times can spell trouble. Not only are you opening yourself up to security vulnerabilities, but you may also be operating on technology that's no longer supported by the developers.

If the developers are no longer publishing updates or supporting the software, this is a huge security red flag that you need to update. On top of that, should you or an employee need to troubleshoot a piece of unsupported software, you may find yourself going up against walls. There might be no one to call, and if a Google search doesn't help, you may be out of luck.

The potential headaches don't end there. If you're running unsupported software on shiny, new hardware, you may be voiding the warranty of that hardware (always check your warranties and the fine print of any hardware you buy).

Alternatively, if you're trying to run brand-new software on old hardware, chances are you're going to run into compatibility issues. That wonderful piece of software might not work, or work the way you expected it to, all because you didn't want to update your old hardware.

It's not always fun to reach into your pocketbook to invest in good IT security, cloud backup storage or new hardware, but when you cut corners and cheap out, you will end up paying for it later, one way or another. When that bill comes, it's going to be a lot bigger than if you had committed to those IT investments in the first place.

## Free Report: What Every Small-Business Owner Must Know About Protecting And Preserving Their Company's Critical Data And Computer Systems

PROTECT
YOUR NETWORK
"What Every Business
Owner Must Know About
Protecting and
Preserving Their
Network"

Don't Trust Your Company's
Critical Data And
Operations To Just Anyone!

This report will outline in plain, nontechnical English the common mistakes that many small-business owners make with their computer networks that cost them thousands in lost sales, productivity and computer repair bills, and will provide an easy, proven way to reduce or completely eliminate the financial expense and frustration caused by these oversights.

Download your FREE copy today at www.PcPlusNetworks.com/protect or call our office at (678) 523-5599.

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### **Services We Offer**

PCPlus Networks connects you to maximum return on your IT investment with top notch business continuity solutions. As your partner we'll deliver speed, value, and quality from start to finish - using expert Engineers & project managers to keep everything running smoothly. We work with you every step of the way, from consulting to design, project management, installation and ongoing support. We even back it all up with a long lasting warranty.

#### IT Services includes:

Managed Cyber Security IT Infrastructure Management. Network Support Managed IT Services **Cloud Integration** IT Consulting. Hardware/Software Backup & Disaster Recovery **Network Storage Solutions** VOIP / Virtualization Wireless / Wi-Fi Solutions Virus/Malware Protection Email / Spam Protection. **Business Continuity Solutions** IP Video Surveillance. Network Wiring/Cabling

Give us a call today at (678) 523-5599 to discuss your needs.

# 4 Reasons CEOs Should Plan For Failure And Encourage Risk-Taking

Every successful company leader will tell you that failure is a part of business, but far fewer will admit they plan for failure. Growing a business requires taking risks, and failure is a frequent outcome on the journey to achieving

In their best-selling book Switch, co-authors and brothers Chip and Dan Heath describe how world-renowned design firm IDEO (perhaps best known for its work with Apple) plans for failure during its design process. The company's designers even created a process chart that factors in the excitement and hope at the beginning, the emotional lows of when things aren't going as planned and the joy of victory at the end.

It's a brilliant way to view risk-taking and how leaders can plan for failure while on the road to success. It's an approach I embrace at Petra Coach and recommend to the member companies that we consult. Here's how you do it:

#### 1. Plan For Failure By Knowing The Risks

When taking a risk, make sure it's a calculated one. Evaluate the upsides and downsides and what they mean to your business. Have answers to key questions like: does the undertaking align with your company's vision and mission? Do the activities and tasks support company goals and priorities? Did we plan for failure, and do we know how to respond if things go sideways? Remember, a failure that is aligned with your business's goals is still a step in the right direction.

#### 2. Learn From Your Mistakes

Every failure experienced will provide important lessons that can be applied to your business. Roll up your sleeves and find out what went wrong. Were your expectations incorrect? Did you misjudge market demand? Was your strategy not on target? Be brutally honest about the hows and whys, but don't dwell on it or point fingers. Get your team together to determine the necessary changes and move forward.

~ Andy Bailey, the founder of Petra Coach



#### 3. Celebrate Failure

Failure is part and parcel of running a business, so don't feel ashamed when things don't go as expected. Failure means you're taking action to grow your business. Celebrate each failure by publicly applauding team members who had the courage to take a chance and accept the consequences. Hold a "failure party" or create an award for the biggest risk taken. It will foster a positive attitude toward smart risk-taking.

#### 4. Encourage Open Discussion About Failure

All business leaders have failed at some point during their careers. To foster a culture of smart risk -taking, encourage team members to share their highs and lows about projects where they took a chance. Make it acceptable to talk about mistakes so team members are encouraged to share their experiences and ideas. It will create a more open and creative environment and help build healthier teams.

In today's world where business seems to move at the speed of sound, the biggest risk is not taking any risk at all. Few, if any, business leaders have succeeded by sticking to their original idea. A planned, detailed strategy to deal with failure will keep your team energized and in a positive mindset when they tackle the next big idea.

## **IT Security Tip:** Your copier is spying on you...

Modern business equipment has radically changed how we conduct everyday business. Do you realize that copiers and multifunction printers are also one of the leading causes of data breaches?

They are the one device on the network that commonly does not ever have the default password changed. After all, who would want to get in and copy your settings? There might be a different answer if you realize that quite often those copiers keep images of all pages scanned on an internal hard drive. Perfect for someone to anonymously access and steal social security records and sensitive business data.

Take steps to secure your MFP copier today. Change – or ask your IT support firm to change – default passwords on ALL network-connected devices. Don't forget this rule when the copier lease is up and a new one is installed! A few quick steps can save a lot of personal data breaches and a lot of security headaches down the road.

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1010 Lakes Pkwy Lawrenceville, GA 30043

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#### Do You Have These 3 Things Every Business Needs To Be Successful?

You have a solid team. People are everything in business - that With so many access points, from cell phones to laptops and includes your employees. You strive to hire the best team (who match your core values and company culture and who bring top-notch skills to the table) and you train them well (they understand your systems and processes). On top of that, they're happy!

You have purpose behind what you do. We all need purpose to not only be happy but also to thrive. When your team knows what they're working toward and understand the value of their work, that gives them purpose. You've clearly laid out the objectives and everyone is on the same page. When your employees know why they do what they do, they're happier and more productive for it.

You are passionate. You don't just love what you do, you love the people you work with and you love the difference your business makes in the community or the world. When you have passion, it's infectious. It inspires people around you. When your team is inspired, they'll go the extra mile and your business will find success likes it's never found before. Inc.com, 5/20/2019

### What The Heck Is An AUP ... And Why Do You Want It?

home computers, how can anyone hope to keep their network safe from hackers, viruses and other unintentional security breaches? The answer is not "one thing" but a series of things you have to implement and constantly be vigilant about, such as installing and constantly updating your firewall, antivirus, spam-filtering software and backups. This is why clients hire us - it's a full-time job for someone with specific expertise (which we have!).

Once that basic foundation is in place, the next most important thing you can do is create an Acceptable Use Policy (AUP) and train your employees on how to use company devices and other security protocols, such as never accessing company email, data or applications with unprotected home PCs and devices (for example). Also, how to create good passwords, how to recognize a phishing e-mail, what websites to never access, etc. NEVER assume your employees know everything they need to know about IT security. Threats are ever-evolving and attacks are getting more sophisticated and cleverer by the minute.

If you'd like our help in creating an AUP for your company, based on best practices, call us. You'll be glad you did.