



Innovations

Review Twice, Implement Once. Doing IT Right the First Time.



Scott Bernstein, CPA
President

Nick Espinosa
CIO & Chief Security Fanatic

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 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 on-site 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.

Continued on next page...

...continued from previous page.

Of course, you also need a system in place to make sure data is being regularly and accurately updated. Another mistake 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. And don't forget to test your backup with an occasional restore. We have been called in by new prospective clients to see if they can be rescued after they find out their backup they thought was working and being monitored had not backed up in months.

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).

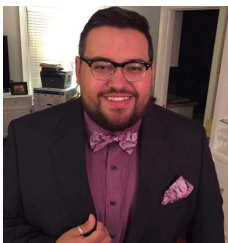
Alternatively, if you're trying to run brand-new software on old hardware, chances are you're going to run into compatibility issues. That wonderful piece of software might not work, or work the way you expected it to, all because you didn't want to update your old hardware.

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.

BSSI2 EMPLOYEE SPOTLIGHT

We're happy to announce another new addition to the BSSI2 team:

CHRISTIAN ESCALANTE | TECHNOLOGY CONSULTANT



Christian Escalante was born in the western suburbs outside Chicago and has lived near the windy city his whole life. "I graduated from ITT with a degree in Information Technology - Computer Networking Systems and have been in the SaaS and MSP business for 5 years. I have yet to stop learning new skills in those years and I have a healthy appetite to continue learning more. I'm joining the team to be another asset in the area that I now call home, Chicago. In my spare time I am a YouTube/Twitch-TV streamer, Voice Over Actor, and Charity Game Master for the Midwest Adventurer's League. The latter of which focuses on helping people of all ages with social disorders by giving them a consequence-free environment to test limits, and/or live out a less upsetting Game Of Thrones ending. I look forward to the already exciting work at BSSI2!"

LOLLAPALOOZA ACOUSTIC AFTER PARTY FEATURED ONE OF OUR OWN

Your favorite Service Manager, Ben Walters, plays in the band 'They Won't Win' when he's not assisting customers. Earlier this month they headlined the Lollapalooza Acoustic After Party!



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 success.

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

dwel on it or point fingers. Get your team together to determine the necessary changes and move forward.

3. Celebrate Failure

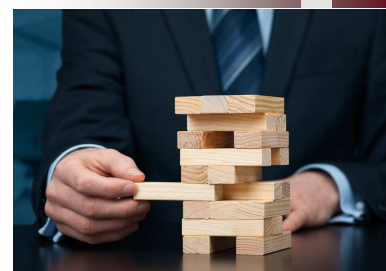
Failure is part and parcel of running a business, so don't feel ashamed when things don't go as expected. Failure means you're taking action to grow your business. Celebrate each failure by publicly applauding team members who had the courage to take a chance and accept the consequences. Hold a "failure 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.

As the founder of Petra Coach, Andy Bailey can cut through organizational BS faster than a hot knife through butter, showing organizations the logjams thwarting their success, and coaching them past the excuses we all use to avoid doing what needs to be done. Andy learned how to build great organizations by building a great business, which he started in college. It then grew into an Inc. 500 multimillion-dollar national company that he successfully sold and exited.



On the Lighter Side

During a train ride in Italy, my new husband and I attempted to chat up an elderly couple with the help of our trusty Italian phrase book. I practiced the pronunciation for "We are on our honeymoon" quietly to myself so I could get it just right. Finally, with much confidence, I exclaimed, "Siamo allupato!" Both the man's and the woman's jaws dropped and the blood drained from their faces. I rechecked the book and realized I had accidentally told this lovely couple that we were horny! From then on, my husband held on to the book.

Andrea Palumbo | Fall River, Massachusetts

Upon arriving at a beach-house rental, I noticed that it was filthy and proceeded to scrub the toilets, floors, bathtubs, and kitchen cabinets.

I was so upset that the house was not ready for guests! Later, my family and I discovered that we were supposed to be staying at the house next door. (The two rentals must have shared the same entry key code.) I had "white gloved" the wrong place.

Tanya Leland | Greenville, South Carolina

While snorkeling for the very first time, I had finally gained control of my breathing and started to relax when I saw this black, snakelike thing swimming close to my chest. I began screaming and quickly swam back to the boat. It was a big relief when the "snake" turned out to be the belt strap from my life jacket.

Sandy Graham | Easthampton, Massachusetts

August 2019



35 Aztec Court
South Barrington, IL 60010
(312) 752-4679
www.bssi2.com

***“We make all of your
computer problems go away
without the cost of a
full-time I.T. staff”***

Shiny New Gadget of the Month

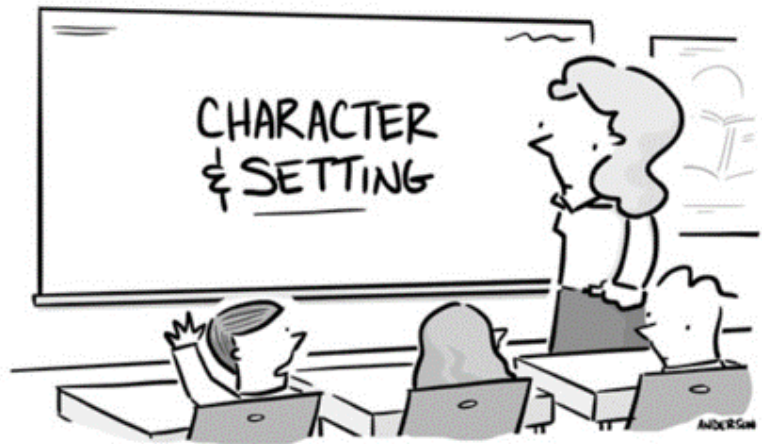


Drone X Pro

People are constantly looking for creative ways to express themselves, document their daily lives, share their adventures with their loved ones, and immortalize the most precious memories... Nowadays, it's not so easy to stand out from the crowd, but there's finally one assured way to do it – and we call it DroneX Pro!

DroneX Pro was created with simplicity in mind so that everyone could use it. There's no need for heavy, bulky devices anymore – DroneX Pro's well-thought-out and ultra-compact design allows you to carry it wherever you go since it can easily fit in your pocket! Despite its size and portability, DroneX Pro provides you with the most valuable features of high-quality drones and turns the process of taking pictures into an incredibly fun experience!

© MARK ANDERSON, WWW.ANDERSTOONS.COM



“Like how the people in the story configure their wi-fi?”

Stay up-to-date with the latest Cybersecurity News!

Follow our Chief Security Fanatic and CIO, Nick Espinosa, on social media for cybersecurity videos and articles:

f www.facebook.com/NickAEsp

t twitter.com/NickAEsp

in www.linkedin.com/in/nickespinoza/

Follow BSSI2 at:

f www.facebook.com/bssi2

t twitter.com/BSSI2llc