

xygenIT

The Cyber Security **Crisis**



The Small Business Cyber Security **Crisis**

Urgent And Critical Protections Every Small Business Must Have In Place NOW To Protect Their Bank Accounts, Client Data, Confidential Information And Reputation From The Tsunami Of Cybercrime

The growth and sophistication of cybercriminals, ransomware and hacker attacks has reached epic levels. CEOs can no longer ignore it or foolishly think, "That won't happen to us."

Your business – large OR small – will be targeted and will be compromised UNLESS you take action on the information revealed in this shocking new executive report.

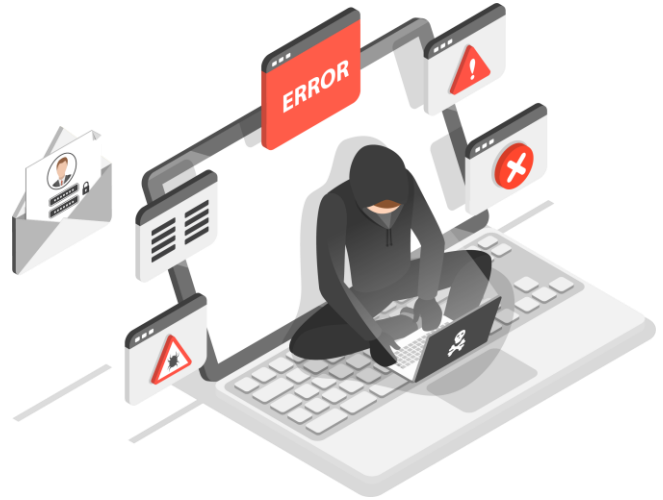
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When You Fall Victim To A Cyber-Attack By No Fault Of Your Own, Will They Call You Stupid...Or Just Irresponsible?

It's **EXTREMELY** unfair, isn't it? Victims of all other crimes – burglary, rape, mugging, carjacking, theft – get sympathy from others. They are called “victims” and support comes flooding in, as it should.

But if your business is the victim of a cybercrime attack where client or patient data is compromised, you will NOT get such sympathy. You will be instantly labeled as “stupid” or “irresponsible.” You may be investigated and clients will question you about what you did to prevent this from happening – and if the answer is not adequate, you can be found liable, facing serious fines and lawsuits EVEN IF you trusted an outsourced I.T. support company to protect you. Claiming ignorance is not an acceptable defense, and this giant, expensive and reputation-destroying nightmare will land squarely on YOUR shoulders.



But it doesn't end there...

According to New Zealand laws, you will be required to tell your clients and/or patients that YOU exposed them to cybercriminals. Your competition will have a heyday over this. Clients will be IRATE and leave in droves. Morale will TANK and employees will BLAME YOU. Your bank is NOT required to replace funds stolen due to cybercrime (*go ask them*), and unless you have a very specific type of insurance policy, any financial losses will be denied coverage.

Please do NOT underestimate the importance and likelihood of these threats. It is NOT safe to assume your I.T. company (or guy) is doing everything they should be doing to protect you; in fact, there is a high probability they are NOT, which we can demonstrate with your permission.

But first, please allow me to introduce myself and give you a little background on why I created this report.

Why We Are So PASSIONATE About Informing And Protecting YOU

My name is Timothy Clarkson, Managing Director of OxygenIT. We specialize in being the outsourced I.T. department for small and medium size businesses in the across New Zealand. The recent rise in cyber attacks across my customers has prompted a change in our business. We at OxygenIT view cyber security as the biggest risk to our customers, we are seeing unprecedented levels of successful attack. As such we have implemented new security across ourselves and for our customers to combat this pandemic.

Over the last couple of years, my team and I have seen a significant increase in calls from business owners desperate for help after a ransomware attack, data breach event or other cybercrime incident.

When they call, they're desperate, scrambling for anyone who can help them put the pieces back together again. Often their business is completely on lockdown. ALL their data has been corrupted or held for ransom, preventing them from fulfilling obligations they have to their clients. **YEARS of work and critical data – all gone.**

They're also scared and *intensely* angry. They feel violated and helpless. Embarrassed. How can money be taken from their bank account WITHOUT their permission or knowledge? Why didn't their I.T. company or I.T. team prevent this from happening? *How are they going to tell their clients/patients that they've exposed them to cybercriminals?* They're in complete disbelief that they actually fell victim – after all, they “didn't think we had anything a cybercriminal would want!”



What makes this unforgivable is that ALL of the CEOs coming to us for help after a serious attack had an I.T. company they trusted with the responsibility of protecting the business, but realized all too late the company wasn't doing the job it was PAID to do.

As a business owner, that boot-strapped my own company from the ground up. I know how hard you work to make your company succeed. I understand the risks you've taken, the personal sacrifices you've made. To me, it's a GROSS insult to have it all taken away by some cyber-scumbag in a Third World country who will NOT be held accountable for his actions.

To make matters worse, so many so-called “I.T. experts” out there aren't doing the job they were hired to do – and that truly angers me. As the CEO of a company, you're FORCED to trust that your I.T. company or team is doing the right things to protect your organization – and when they fail to do their job, this expensive, devastating, business-interrupting disaster lands squarely on YOUR desk to deal with.

That's why we've started a “one-company revolution” to educate and help as MANY business owners as we can so they never have to deal with the stress, anxiety and loss caused by a cyber-attack, and help you understand just how serious this is so you can be brilliantly prepared instead of caught completely off guard.

Yes, It CAN Happen To YOU And The Damages Are VERY Real

You might already know about the escalating threats, from ransomware to hackers, but it's very possible you are underestimating the risk to you. It's also possible you're NOT fully protected and are operating under a false sense of security, ill-advised and underserved by your outsourced I.T. company.

In fact, if they have not talked to you about the protections outlined in this report, or about putting a cyber “disaster recovery” plan in place, you are at risk and you are not being advised properly.

This is not a topic to be casual about. Should a breach occur, your reputation, your money, your company and your neck will be on the line, which is why you must get involved and make sure your company is prepared and adequately protected, not just pass this off to someone else.

"Not My Company...Not My People...We're Too Small," You Say?

Don't think you're in danger because you're "small" and not a big company like Waikato DHB, Toll in Australia or Reserve Bank of New Zealand? That you have "good" people and protections in place? That it won't happen to you?

That's EXACTLY what cybercriminals are counting on you to believe. It makes you easy prey because you put ZERO protections in place, or grossly inadequate ones.



Right now, there are over 980 million malware programs out there and growing (source: AV-Test Institute), and 70% of the cyber-attacks occurring are aimed at small businesses (source: National Cyber Security Alliance); you just don't hear about it because the news wants to report on BIG breaches OR it's kept quiet by the company for fear of attracting bad PR, lawsuits and data-breach fines, and out of sheer embarrassment.

In fact, the National Cyber Security Alliance reports that **one in five small businesses have been victims of cybercrime in the last year** – and that number includes only the crimes that were reported. Most small businesses are too embarrassed or afraid to report breaches, so it's safe to assume that number is much, much higher.

Are you "too small" to be significantly damaged by a ransomware attack that locks all of your files for several days or more?

Are you "too small" to deal with a hacker using your company's server as **ground zero** to infect all of your clients, vendors, employees and contacts with malware? Are you "too small" to worry about someone taking your payroll out of your bank account? According to Osterman Research, the AVERAGE ransomware demand is now \$84,000 (source: MSSP Alert). It's also estimated that small business lost over \$100,000 per ransomware incident and over 25 hours of downtime. Of course, \$100,000 may not sink your business, but are you okay to shrug this off? To take the chance?

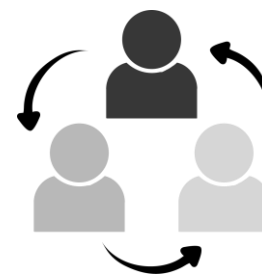
It's NOT Just Cybercriminals Who Are The Problem

Most business owners erroneously think cybercrime is limited to hackers based in China or Russia, but the evidence is overwhelming that disgruntled employees, both of your company and your vendors, can cause significant losses due to their knowledge of your organisation and access to your data and systems. What damage can they do?

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- **They leave with YOUR company's files, client data and confidential information stored on personal devices**, as well as retaining access to cloud applications, such as social media sites and file-sharing sites (Dropbox or OneDrive, for example), that your I.T. department doesn't know about or forgets to change the password to.

In fact, according to an in-depth study conducted by Osterman Research, **69% of businesses experience data loss due to employee turnover and 87% of employees who leave take data with them.** What do they do with that information? Sell it to competitors, BECOME a competitor or retain it to use at their next job.



- **Funds, inventory, trade secrets, client lists and HOURS stolen.** There are dozens of sneaky ways employees steal, and it's happening a LOT more than businesses care to admit. According to the website StatisticBrain, 75% of all employees have stolen from their employers at some point. From stealing inventory to check and credit card fraud, your hard-earned money can easily be stolen over time in small amounts that you never catch.

Here's the most COMMON way they steal: They waste HOURS of time on your dime to do personal errands, shop, play games, check social media feeds, gamble, read the news and a LONG list of non-work-related activities. Of course, YOU are paying them for a 40-hour week, but you might only be getting half of that. Then they complain about being "overwhelmed" and "overworked." They tell you, "You need to hire more people!" so you do. All of this is a giant suck on profits if you allow it. Further, if your I.T. company is not monitoring what employees do and limiting what sites they can visit, they could do things that put you in legal jeopardy, like downloading illegal music and video files, visiting adult content websites, gaming and gambling – all of these sites fall under HIGH RISK for viruses and phishing scams.

- **They DELETE everything. A common scenario:** An employee is fired or quits because they are unhappy with how they are being treated – but before they leave, they permanently delete ALL of their e-mails and any critical files they can get their hands on. If you don't have that data backed up, you lose it ALL. Even if you sue them and win, the legal costs, time wasted on the lawsuit and on recovering the data, not to mention the aggravation and distraction of dealing with it all, are all greater costs than what you *might* get awarded if you win the lawsuit, *might* collect in damages.



Do you *really* think *this can't* happen to you?

Then there's the threat of vendor theft. Your payroll, HR and accounting firm have direct access to highly confidential information and a unique ability to commit fraud. THEIR employees, not just the leadership team, can steal money, data and confidential information. All it takes is a part-time employee – perhaps hired to assist in data entry during tax season, and who is not being closely supervised or is working from home on routine tasks with your account – to decide to make a little money on the side by selling data or siphoning funds from your account.

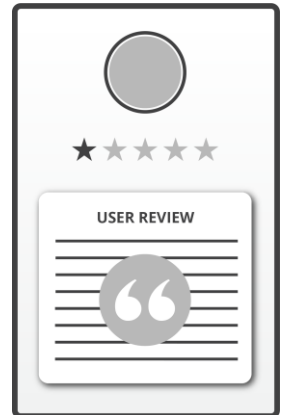
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Exactly How Can Your Company Be Damaged By Cybercrime? Let Us Count The Ways:

1. Reputational Damages:

What's worse than a data breach? Trying to cover it up. Companies like Yahoo! are learning that lesson the hard way, facing multiple class-action lawsuits for NOT telling their users immediately when they discovered they were hacked. With dark-web monitoring and forensics tools, WHERE data gets breached is easily traced back to the company and website, so you cannot hide it.

When it happens, do you think your clients will rally around you? Have sympathy? News like this travels fast on social media. They will demand answers: HAVE YOU BEEN RESPONSIBLE for putting in place the protections outlined in this report, or will you have to tell your clients, "Sorry, we got hacked because we didn't think it would happen to us," or "We didn't want to spend the money"? Is *that* going to be sufficient to pacify them?



2. Government Fines, Legal Fees, Lawsuits:

Breach notification legislation remains one of the most active areas of the law. Right now. The courts are NOT in your favour if you expose client data to cybercriminals.

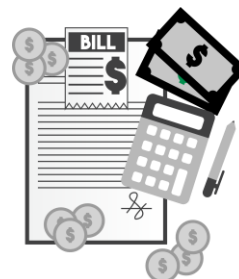
Don't think for a minute that this only applies to big corporations: ANY small business that collects customer information also has important obligations to its customers to tell them if they experience a breach.



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3. Cost, After Cost, After Cost:

ONE breach, one ransomware attack, one rogue employee can create HOURS of extra work for staff who are already maxed out when things are going well. Then there's business interruption and downtime, backlogged work delivery for your current clients. Loss of sales. Forensics costs to determine what kind of hack attack occurred, what part of the network is/was affected and what data was compromised. Emergency I.T. restoration costs for getting you back up, *if that's even possible*. In some cases, you'll be forced to pay the ransom and maybe – *just maybe* – they'll give you your data back. Then there are legal fees and the cost of legal counsel to help you respond to your clients and the media. Cash flow will be significantly disrupted, and budgets blown up. Some states require companies to provide one year of credit-monitoring services to consumers affected by a data breach, and more are following suit.



According to the Cost of Data Breach Study conducted by Ponemon Institute, the **average cost of a data breach is \$375 per record compromised, after factoring in I.T. recovery costs, lost revenue, downtime, fines, legal fees, etc.** How many client records do you have? Employees? Multiply that by \$375 and you'll start to get a sense of the costs to your organisation.

4. Bank Fraud:

If your bank account is accessed and funds stolen, the bank is NOT responsible for replacing those funds. Take the true story from an actual customer of our, Armstrong Downes Commercial, a large construction firm in Wellington.

Armstrong Downes had \$600,000 paid to the hackers instead of the supplier, hackers were able to access the PC of a senior executive and intercept his e-mails. They then instructed the accounts team to change the bank account payable for the supplier and also supplied a modified invoice.



It didn't seem strange to the accounts team because it was from the actual email account. The accounts responded in the affirmative, and the hackers, posing as executive, assured them that it was to be done. That money was recovered but the bank had stated it was not responsible. They expected the company to use their cyber liability insurance to cover the loss if not recovered.

Everyone wants to believe "Not MY assistant, not MY employees, not MY company" – but do you honestly believe that your staff is incapable of making a single mistake? A poor judgment? **Nobody believes they will be in a car wreck when they leave the house every day, but you still put your seat belt on.** You don't expect a life-threatening crash, but that's not a reason to not buckle up. *What if?*

Claiming ignorance is not a viable defense, nor is pointing to your outsourced I.T. company to blame them. YOU will be responsible and YOUR company will bear the brunt.

5. Using YOU As The Means To Infect Your Clients:

Some hackers don't lock your data for ransom or steal money. Often they use your server, website or profile to spread viruses and/or compromise other PCs. If they hack your website, they can use it to relay spam, run malware, build SEO pages or promote their religious or political ideals. (Side note: This is why you also need advanced endpoint security, spam filtering, web gateway security, SIEM and the other items detailed in this report, but more on those in a minute.) Are you okay with that happening?



You May Want To Believe You're "Safe" *But Are You Sure?*

It's very possible that you are being ill-advised by your current I.T. company. What have they recently told you about the rising tsunami of cybercrime? Have they recently met with you to discuss new protocols, new protections and new systems you need in place TODAY to stop the NEW threats that have developed over the last few months?

If not, there could be several reasons for this. First, and most common, they might not know HOW to advise you, or even that they should. Many I.T. companies know how to keep a computer network running **but are completely out of their league when it comes to dealing with the advanced cyber security threats we are seeing recently.**

Second, they may be "too busy" themselves to truly be proactive with your account – or maybe they don't want to admit the service package they sold you has become OUTDATED and inadequate compared to far superior solutions available today. At industry events, I'm shocked to hear other I.T. companies say, "We don't want to incur that expense," when talking about new and critical cyber security tools available. Their cheapness CAN be your demise.

And finally, NOBODY (particularly I.T. guys) likes to admit they are out of their depth. They feel compelled to exaggerate their ability to avoid being fired. To be fair, they might actually have you covered and be on top of it all. So how do you know?



Is Your Current I.T. Company Doing Their Job? Take The Quiz On The Next Page To Find Out

If your current I.T. company does not score a "Yes" on every point, they are NOT adequately protecting you. Don't let them "convince" you otherwise and DO NOT give them a free pass on any one of these critical points.

Further, it's important that you get verification on the items listed. Simply asking, "Do you have insurance to cover our company if you make a mistake?" is good, but getting a copy of the policy or other verification is critical. When push comes to shove, they can deny they told you.

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If your current I.T. company does not score a “YES” on every point, they are NOT adequately protecting you.



- ☐ **Have they met with you recently – in the last 3 months – to specifically review and discuss what they are doing NOW to protect you?** Have they told you about new and inexpensive tools, such as dark-web monitoring for your company’s credentials or advanced endpoint security to protect you from attacks that antivirus is unable to detect and prevent? If you are outsourcing your I.T. support, they should, at a MINIMUM, provide you with a quarterly review and report of what they’ve done – and are doing – to protect you AND to discuss new threats and areas you will need to address.
- ☐ **Do they proactively monitor, patch and update your computer network’s critical security settings daily? Weekly? At all? Are they reviewing your firewall’s event logs for suspicious activity?** How do you know for sure? Are they providing ANY kind of verification to you or your team?
- ☐ **Have they EVER urged you to talk to your insurance company** to make sure you have the right kind of insurance to protect against fraud? Cyber-liability?
- ☐ **Do THEY have adequate insurance to cover YOU if they make a mistake and your network is compromised?** Do you have a copy of THEIR CURRENT policy? Does it specifically cover YOU for losses and damages?
- ☐ **Have you been fully briefed on what to do IF you get compromised?** Have they provided you with a response plan? If not, WHY?
- ☐ **Do they have a ransomware-proof backup system in place?** One of the reasons the WannaCry virus was so devastating was because it was designed to find, corrupt and lock BACKUP files as well. ASK THEM TO VERIFY THIS. You might *think* you have it because that’s what your I.T. vendor is telling you.

☐ **Have they put in place a WRITTEN mobile and remote device security policy, and distributed it to you and your employees?** Is the data encrypted on these devices? Do you have a remote “kill” switch that would wipe the data from a lost or stolen device, and is that data backed up so you CAN wipe the device and not lose files?

☐ **Do they have controls in place to force your employees to use strong passwords?** Do they require a monthly password update for all employees? If an employee is fired or quits, do they have a process in place to make sure ALL passwords are changed? Can you see it?

☐ **Have they talked to you about replacing your old antivirus with advanced endpoint security?** There has been considerable talk in the I.T. industry that antivirus is dead, unable to prevent the sophisticated attacks we’re seeing today.

☐ **Have they discussed and/or implemented “multifactor authentication” for access to highly sensitive data?** Do you even know what that is? If not, you don’t have it.

☐ **Have they recommended or conducted a comprehensive risk assessment every single year?** Many insurance policies require it to cover you in the event of a breach. If you handle “sensitive data,” such as medical records, credit card and financial information, IRD numbers, etc., you may be required by law to do this.

☐ **Have they implemented web-filtering technology to prevent your employees from going to infected websites, or websites you DON’T want them accessing at work?** Porn and adult content is still the number one thing searched for online. This can expose you to sexual harassment and child pornography lawsuits, not to mention the distraction and time wasted on YOUR payroll, with YOUR company-owned equipment.

☐ **Have they given you and your employees ANY kind of cyber security awareness training?** Have they offered to help you create an AUP (acceptable use policy)? Employees accidentally clicking on a phishing e-mail or downloading an infected file or malicious application is still the number one way cybercriminals hack into systems. Training your employees FREQUENTLY is one of the most important protections you can put in place. Seriously.

☐ **Have they properly configured your e-mail system to prevent the sending/receiving of confidential or protected data?** Properly configured e-mail systems can automatically prevent e-mails containing specified data, like social security numbers, from being sent or received.

☐ **Do they allow your employees to connect remotely using GoToMyPC, LogMeIn or TeamViewer?** If they do, this is a sure sign to be concerned! Remote access should strictly be via a secure VPN (virtual private network).

☐ **Do they offer, or have they at least talked to you about, dark web/deep web ID monitoring?** There are new tools available that monitor cybercrime websites and data for YOUR specific credentials being sold or traded. Once detected, it notifies you immediately so you can change your password and be on high alert.

A Preemptive Independent Risk Assessment: The ONLY Way You Can Really Be Sure

A security assessment is exactly what it sounds like – it's a process to review, evaluate and "stress test" your company's network to uncover loopholes and vulnerabilities BEFORE a cyber-event happens.

Just like a cancer screening, a good assessment can catch problems while they're small, which means they will be a LOT less expensive to fix, less disruptive to your organization AND give you a better chance of surviving a cyber-attack.

An assessment should always be done by a qualified third party, NOT your current I.T. team or company; fresh eyes see things hidden, even in plain sight, from those looking at it daily.

You want a qualified "Sherlock Holmes" investigating on YOUR behalf who is not trying to cover up inadequacies or make excuses, bringing to you a confidential report you can use before others find dirty laundry and air it in harmful ways.



Our Free Cyber Security Risk Assessment Will Give You The Answers You Want, The Certainty You Need

For a limited time, we are offering to give away a Free Cyber Security Risk Assessment to a select group of businesses. This is entirely free and without obligation. EVERYTHING WE FIND AND DISCUSS WILL BE STRICTLY CONFIDENTIAL.

This assessment will provide verification from a **qualified third party** on whether or not your current I.T. company is doing everything they should to keep your computer network not only up and running, but SAFE from cybercrime.

Here's How It Works: At no cost or obligation, one of my lead consultants and I will come to your office and conduct a non-invasive, CONFIDENTIAL investigation of your computer network, backups and security protocols. Your current I.T. company or guy DOES NOT NEED TO KNOW we are conducting this assessment. Your time investment is minimal: one hour for the initial meeting and one hour in the second meeting to go over our Report Of Findings.



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When This Risk Assessment IS Complete, You Will Know:

- ✓ If you and your employees' login credentials are being sold on the dark web. We will run a scan on your company, right in front of you, in the privacy of your office if you prefer (results will NOT be e-mailed or otherwise shared with anyone but you). It's RARE that we don't find compromised credentials – and I can guarantee what we find will shock and alarm you.
- ✓ If your I.T. systems and data are **truly secured** from hackers, cybercriminals, viruses, worms and even sabotage by rogue employees.
- ✓ If your **current backup would allow you to be back up and running again fast** if ransomware locked all your files. *Over 50% of the computer networks we've reviewed over the years, the owners were shocked to learn the backup they had would NOT survive a ransomware attack.*
- ✓ If employees truly know how to spot a phishing e-mail. We will actually put them to the test. *We've rarely seen a company pass 100%. Not once.*

If we DO find problems—overlooked security loopholes, inadequate backups, credentials that have been compromised, out-of-date firewall and antivirus software and (often) active malware—on one or more of the PCs in your office, we will propose an Action Plan to remediate the situation that you can have us implement for you if you choose.

Again, I want to stress that **EVERYTHING WE DISCUSS AND DISCOVER WILL BE STRICTLY CONFIDENTIAL**.

Why Free?

Frankly, we want the opportunity to be your I.T. company. We know we are the most competent, responsive and trusted I.T. services provider to small businesses across New Zealand.

However, I also realise **there's a good chance you've been burned, disappointed and frustrated by the complete lack of service and the questionable advice** you've gotten from other I.T. companies in the past. In fact, you might be so fed up and disgusted with being "sold" and underserved that you don't trust anyone. *I don't blame you.*

That's why this assessment is completely and entirely free. Let us earn your trust by demonstrating our expertise. While we would love the opportunity to be your I.T. company, we will come in with no expectations and only look to provide you with fact-based information so you can make a quality, informed decision – and we'll ONLY discuss the option of becoming your I.T. company if the information we share makes sense and you want to move forward. No hard sell. No gimmicks and no tricks.



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Please...Do NOT Just Shrug This Off (What To Do Now)

I know you are *extremely busy* and there is enormous temptation to discard this, shrug it off, worry about it “later” or dismiss it altogether. That is, undoubtedly, the easy choice...but the easy choice is rarely the RIGHT choice. **This I can guarantee:** At some point, you WILL HAVE TO DEAL WITH A CYBER SECURITY EVENT.

Hopefully you’ll be brilliantly prepared for it and experience only a minor inconvenience at most. But if you wait and do NOTHING, I can practically guarantee this will be a far more costly, disruptive and devastating attack that will happen to your business.

You’ve spent a lifetime working hard to get where you are today. Don’t let some lowlife thief operating outside the law in another country get away with taking that from you. And certainly don’t “hope” your I.T. guy has you covered.

Get the facts and be certain you are protected.

Contact Us And Schedule Your Free, CONFIDENTIAL Cyber Security Risk Assessment Today!



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Dedicated to serving you,

Tim Clarkson

P.S. – When I talked to CEOs who have been hacked or compromised, almost all of them told me they thought their I.T. guy “had things covered.” I’m very connected with other I.T. firms across the country to “talk shop” and can tell you most I.T. guys have never had to deal with the enormity and severity of attacks happening in the last few months. That’s why it’s VERY likely your I.T. guy does NOT have you “covered” and you need a preemptive, independent risk assessment like the one I’m offering in this letter.

As a CEO myself, I understand that you have to delegate and trust, at some level, that your employees and vendors are doing the right thing – but it never hurts to validate that they are. Remember, it’s YOUR reputation, YOUR money, YOUR business that’s on the line. THEIR mistake is YOUR nightmare.