



A young writer once asked his mentor what was the one thing he could write that would generate the most revenue. The answer—a ransom note!

Sadly virus writers have taken this to heart and June saw a continued increase on the number of Crypto Viruses and infections occurring.

These viruses make your files SO secure, even you can't access them unless you pay big bucks to get them back.

This month we have a new tool to help you discover just how secure you might be—flip to page 3 for more info.



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This monthly publication provided courtesy of Scott Beck, President of BeckTek.

“As a business owner, I know you don't have time to waste on technical and operational issues. That's where we *shine!* Call us and put an end to your IT problems once and for all!”



5 Ways To Spot A Social Engineering Attack

“I'm not going to make payroll - we're going to close our doors as a result of the fraud.”

Unfortunately, that statement is becoming more common among smaller businesses, according to Mitchell Thompson, head of an FBI financial cybercrimes task force in New York.

The FBI reports that since October 2013 more than 12,000 businesses worldwide have been targeted by social engineering-type cyberscams, netting criminals well over \$2 billion. And those are just the reported cases. Often, due to customer relationships, PR or other concerns, incidents go unreported.

These unfortunate events were triggered by a particularly nasty form of cyberattack known as “social engineering.”

Social engineering is a method cyber con artists use to lure well-meaning individuals into breaking normal security procedures. They appeal to

vanity, authority or greed to exploit their victims. Even a simple willingness to help can be used to extract sensitive data. An attacker might pose as a coworker with an urgent problem that requires otherwise off-limits network resources, for example.

They can be devastatingly effective, and outrageously difficult to defend against.

The key to shielding your network from this threat is a keen, ongoing awareness throughout your organization. To nip one of these scams in the bud, every member of your team must remain alert to these five telltale tactics:

Baiting - In baiting, the attacker dangles something enticing to move his victim to action. It could be a movie or music download. Or something like a USB flash drive with company logo, labeled “Executive Salary Summary 2016 Q1,” left where a victim can easily find it. Once

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1. these files are downloaded, or the USB drive is plugged in, the person's or company's computer is infected, providing a point of access for the criminal.

could be a fake IT support person supposedly needing to do maintenance...or an investigator performing a company audit. Other trusted roles might include police officer, tax authority or even cus-

tomial personnel, faking an identity to break into your network.

2. **Phishing** -

Phishing employs a fake e-mail, chat or website that appears legit. It may convey a message from a bank or other well-known entity asking to "verify" login information. Another ploy is a hacker conveying a well-disguised message claiming you are the "winner" of some prize, along with a request for banking information. Others even appear to be a plea from some charity following a natural disaster. And, unfortunately for the naive, these schemes can be insidiously effective.

"The problem with social engineering attacks is you can't easily protect your network against them."

3. **Pretexting** - Pretexting is the human version of phishing, where someone impersonates a trusted individual or authority figure to gain access to login details. It

4. **Quid Pro Quo** - A con artist may offer to swap some nifty little goody for information... It could be a t-shirt, or access to an online game or service in exchange for login credentials. Or it could be a researcher asking for your password as part of an experiment with a \$100 reward for completion. If it seems fishy, or just a little too good to be true, proceed with extreme caution, or just exit out.

5. **Tailgating** - When somebody follows you into a restricted area, physical or online, you may be dealing with a tailgater. For instance, a legit-looking person may ask you to hold open the door behind you because they forgot their

company RFID card. Or someone asks to borrow your laptop or computer to perform a simple task, when in reality they are installing malware.

The problem with social engineering attacks is you can't easily protect your network against them with a simple software or hardware fix. Your whole organization needs to be trained, alert and vigilant against this kind of incursion.

For more on social engineering as well as other similar cyberthreats you need to protect your network from, get our latest special report on this crucial topic:

The Top 10 Ways Hackers Get Around Your Firewall And Anti-Virus To Rob You Blind

Don't let your organization be caught like a sitting duck! You've worked way too hard to get where you are today to risk it all due to some little cyberhack you didn't know about. Call us at (506) 799-2100 or e-mail me directly at scott@becktek.ca, and get your copy of this crucial preventive guide today - before your company becomes yet another social engineering statistic.

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!

You Will Learn:

This report will outline in plain, non-technical English common mistakes that many small business owners make with their computer network that cost them thousands in lost sales, productivity and computer repair bills, as well as providing 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.becktek.ca/protect

Shiny New Gadget Of The Month



Finally: An Easy Way To Control

Got kids aged six to 16?

Circle With Disney is a new device that helps make Internet struggles at home a thing of the past. Imagine: no more negotiating with kids to get off the web and come to dinner (or get their homework done).

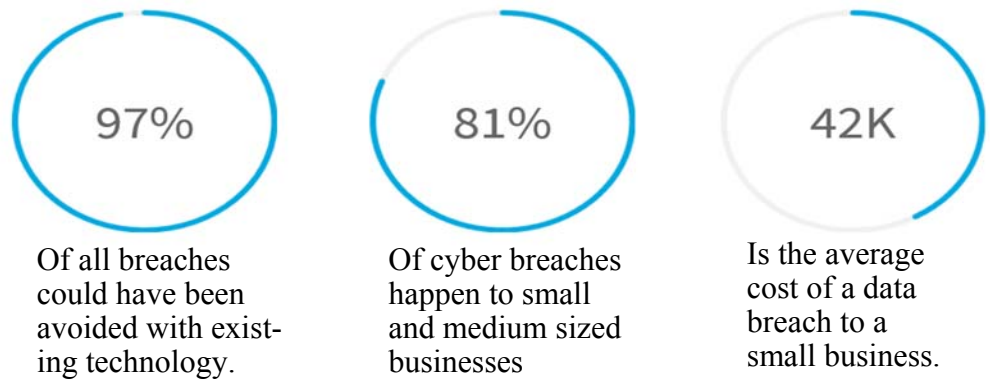
This 3½-inch white cube with rounded corners (it's not exactly a circle...) lets you control Internet usage around your house with a tap on your iPhone. (Android compatibility coming soon.)

With presets by age group, or custom controls, Circle helps you restrict who in your family surfs what, and when. It also tallies how much time each person spends on any site. You might even want to monitor your own Facebook or Pinterest time (or maybe not...).

Circle also lets you put your whole home network on pause, sets up in about five minutes and works with your router.

Hacking Is On The Rise And Small Businesses Are A Prime Target

Does Your Business Have A Plan?



We Stop Data Breaches, Without Breaking The Bank.

We'll work with you or your current IT provider to get your network up to date and secure. And we offer a FREE, comprehensive 30-second self test you can run in the privacy of your home or office to see if we should talk.

To run the FREE test, go to: <http://becktek.shieldtest.com>

After you've run the test, you'll see instant results on the screen. You can fill out the form and we'll quickly email you an explanation of what you are seeing - in plain English. No geek speak here! Here's a recent test we ran for a business owner who thought his IT company had his back!

O Open Ports Test	Gives hackers way in. All ports should be closed unless absolutely necessary Not Protected : Open Ports : ~443 i You have an exposed web server to the world which could potentially be threat.	✔ Pass
D DDOS Defense Test	Checks to make sure you aren't vulnerable to a distributed denial of service attack DDOS attack successful Ping Result : Total : 2000, Replies : 2000	✘ Fail
M Malware/Virus Test	Checks to make sure you aren't vulnerable to malware/virus Not Protected - Malware downloaded! i You are not protected from malware/virus	✘ Fail
1. Malware/Virus test	Checks to make sure you aren't vulnerable to malware/virus Not Protected - Virus downloaded! i You are not protected from malware in a zip	✘ Fail
2. Zip file infected with virus	Checks to make sure you aren't vulnerable to malware/virus Not Protected - Virus downloaded! i You are not protected from malware in a zip	✘ Fail
C Client side attack	Tests for client side Intrusion Prevention System Attack on client successful - test failed : Unable to test. It appears something has blacklisted this portion of the testing.	✘ Fail
S Server side attack	Tests for an active Intrusion Prevention System Attack on server successful - test failed	✘ Fail
C Credit Card Theft Test	Checks to make sure you aren't vulnerable to credit card theft VISA Uploaded M/C Uploaded AMEX Uploaded DISC Uploaded Credit card numbers were copied to internet - test failed	✘ Fail

[Email Detailed Report](#)

Is your mobile website stressing people out?

Of course, page-load times can affect conversion and brand perception. But did you know they also affect user heart rate and stress levels? According to a 2016 study on mobility by Ericsson, page-loading delays lead to an average 38% jump in heart rate. Remember the last time you watched a horror movie? It's about that stressful... Not how you want your visitors to feel. To keep your page loads painless and your visitors happy, make sure your website is mobile-friendly. It needs to be quick and easy to navigate and engage with. You have a lot at stake in your website – and making it stress-free for visitors could make a big difference.

-HubSpot Blog

Google Home vs. Amazon Echo: This should be good...

The battle for an always-listening virtual assistant has begun. Scheduled to launch this fall, Google Home seeks to unseat Amazon Echo, which launched in 2014. Both devices act as personal assistant, music hub and smart-home control point. Echo has a big head start in smart-home control, breadth of features and “charm.” It answers to the name “Alexa,” whereas Home’s “OK Google” just doesn't have the same appeal. Yet Home has a more attractive, customizable look. And, unlike Echo, Home can carry on a more intelligent conversation with you, answering questions in context rather than having to ask for more information each time. All that, plus Home’s connectivity with streaming devices, makes it a formidable challenger.

-Cnet.com

Smart-chip credit cards may actually cause fraud to increase in the near term.

Yes, you read that right... A recent study from anti-fraud company Iovation and financial industry consultant Aite Group shows that a mad rush in the dark web has begun. Fraudsters want to get the most value from stolen data before newer systems recognize the old magnetic-strip card numbers as clearly fraudulent. These attacks can be especially hard on merchants. Average losses range from \$980 to \$2,379 per incident, according to Javelin Strategy and Research LLC. To avert losses, businesses can use fraud-detection software, 3-D Secure or “tokenization” – the core of ApplePay and AndroidPay. But the problem won't just go away with the new chip cards. Cyberthieves aren't about to get honest and get new jobs... It pays to remain vigilant.

-CNBC.com

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"Well that's not good."

What We Are Reading

Stand around the watercooler and it doesn't take long before someone is talking about the terrible customer service they received somewhere. Is your business one of those getting talked about?

This is an easy to read, fictional style book full of real life examples on delivering the kind of service to develop not just satisfied clients but Raving Fans!! It's an essential read for anyone working in a customer service role or whose business provides service to clients.

The authors present three main secrets in the book:

- 1) Decide what you want for your business, Your Vision
- 2) Discover what your clients want
- 3) Deliver your Vision + 1%

If providing an exceptional client experience is important to your business, this book is worth the read!!

Be the first to email the title of the book to me scott@becktek.ca and I will send you a free copy.

