

ALL THINGS TECH

Brought to you by  **SYSCON**

Insider Tips To Make Your Business Run Faster, Easier And More Profitably

What's New

The first official day of Summer is June 20th, but most of us kick it off over the Memorial Day weekend. Thank you to our many veterans for their service!

A couple of new names and faces at our office. We'd like to welcome **Joanna Proszek** to our bookkeeping department. Chris J has been accepted to a Programming boot camp program and we wish him much success; we'd like to welcome **Mike Dowell** as our IT Coordinator.

We love taking care of your IT so you can take care of your business!

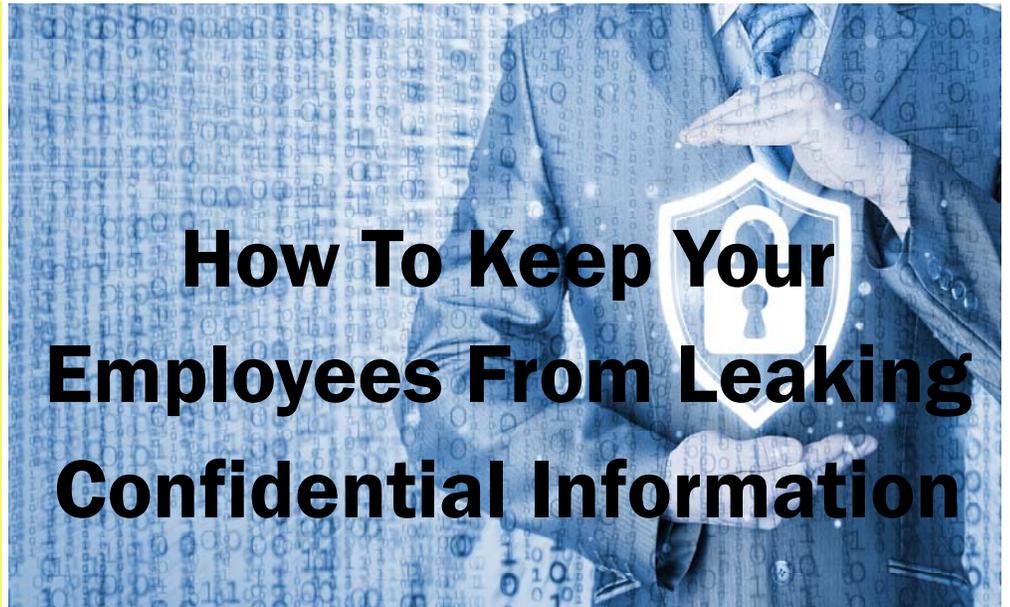
- Catherine Wendt

June 2017



This monthly publication provided courtesy of Catherine Wendt, President of Syscon Inc.

We love this stuff! Our passion is helping businesses use technology to run their organization successfully and profitably.



How To Keep Your Employees From Leaking Confidential Information

Back in 2014, Code Spaces was murdered. The company offered tools for source code management, but they didn't have solid control over sensitive information — including their backups. One cyberattack later, and Code Spaces was out of business. Their killer had used some standard techniques, but the most effective was getting an unwitting Code Space employee to help — likely via a phishing attack.

When it comes to cybercrime that targets businesses, employees are the largest risks. Sure, your IT guys and gals are trained to recognize phishing attempts, funky websites, and other things that just don't seem right. But can you say the same

thing about the people in reception, or the folks over in sales?

Sure, those employees might know that clicking on links or opening attachments in strange emails can cause issues. But things have become pretty sophisticated; cybercriminals can make it look like someone in your office is sending the email, even if the content looks funny. It only takes a click to compromise the system. It also only takes a click to Google a funny-looking link or ask IT about a weird download you don't recognize.

Just as you can't trust people to be email-savvy, you also can't trust them to come up with good passwords. It may sound so 2002, but plenty of people still use

Continued pg.2

(continued from page 1)

birthdays, pet names, or even “password” as their passcodes — or they meet the bare-minimum standards for required passcode complexity. Randomly generated passcodes are always better, and requiring multiple levels of authentication for secure data access is a must-do.

Remember, that’s just for the office.

Once employees start working outside of your network, even more issues crop up. It’s not always possible to keep them from working from home, or from a coffee shop on the road. But it is possible to invest in security tools, like email encryption, that keep data more secure if they have to work outside your network. And if people are working remotely, remind them that walking

away from the computer is a no-no. Anybody could lean over and see what they’re working on, download malware or spyware, or even swipe the entire device and walk out — all of which are cybersecurity disasters.

“Employees are the largest risk.”

Last but not least, you need to consider the possibility of a deliberate security compromise. Whether

they’re setting themselves up for a future job or setting you up for a vengeful fall, this common occurrence is hard to prevent. It’s possible that Code Space’s demise was the result of malice, so let it be a warning to you as well! Whenever an employee leaves the company for any reason, remove their accounts and access to your data. And make it clear to employees that this behavior is

considered stealing, or worse, and will be treated as such in criminal and civil court.

Keep an eye on your data and on your employees. Foster an open communication that allows you to spot potential — or developing — compromises as soon as possible.

Cathy and Larry Sightings

Catherine hosted a Union Rate Change webinar covering the options and steps to avoid mistakes that cost **thousands** of dollars to our clients.

Larry spent time in Calistoga with his Aunt, 90 years old. She struggled through WWII and came back to America to get her family back to the US! Amazing!

FEAR

False

Experiences

Appearing

Real

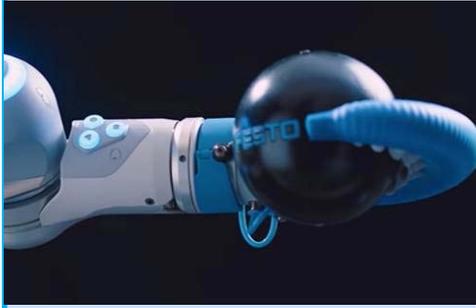
Larry Winget – an ‘Irritational’ Speaker

At a recent event Nashville, I had the chance to hear Larry Winget. Although he’s officially an Inspirational Speaker, he knows he’s closer to an ‘Irritational’ Speaker, and makes no apologies.

He shared two stories that directly relate to Customer Service. One involves a hotel and a cookie incident. There’s a YouTube video where he tells the story very well! Ten years later, he’s still irritated about the event, which just emphasizes how important Customer Service really is, and how difficult it is to overcome a ‘bad’ experience. Do a Google search for the ‘Cookie Story’ by Larry Winget and you’ll enjoy this short entertaining video. We had a staff meeting to watch it!

From his book ‘It’s Called Work for a Reason!’ there’s another story about the Sonic chain and a Pepsi promotion. This is the other side of the Customer Service experience and well worth the price of the book – Enjoy!

Shiny New Gadget Of The Month:



OctoGripper, the Octopus-Inspired Robotic Arm Is Here

The animal kingdom is a reliable place to turn for mechanical inspiration. The German automation company Festo just made a robotic arm that takes its cue from an octopus. Meet the OctoGripper!

Festo figured it's hard to beat the octopus' flexibility. Built with a soft silicone structure that can be pneumatically controlled, the device bends inward to grip an item with two rows of suction cups. These create a vacuum, allowing the gripper to hold onto objects tightly while moving quickly - a common challenge in robotics.

This isn't the only thing Festo is taking from nature. They want to see the OctoGripper incorporated into their BionicMotion Robot, which is inspired by an elephant's trunk. These could work side by side with humans, perhaps speeding up work.

Or they could pair up with Boston Dynamics and start the best robotic zoo this side of "Horizon: Zero Dawn."

News From Our Techs

Security You Can Control

Did you know that business-class firewalls allow country blocks? We've seen a HUGE increase in hacking attempts from other countries, always a concern, but a big increase. Blocking specific countries through a firewall is a great way to severely limit hacking attempts.

Do you share USB drives with friends, family, co-workers, your accountant? These can be encrypted by Ransomware and you just plugged it into your computer and exposed your network! To protect against this, remove the drive letter for the USB drive and make it accessible by an Admin user account only.

Bring Your Own Device (BYOD): a Culture Trend

There's a growing trend that has some great benefits for the employer and the employee - everyone uses their own personal device at work. This is less expensive for the company and cuts down on tracking equipment; employees get to pick equipment based on their own preferences and personal desires.

Before you jump on board, the Syscon Techs have a few things for you to consider:

- Any device that connects to the network is an 'endpoint' and can be a

threat to network safety and security.

- Does the device have anti-virus software? Who will make sure it's installed and up-to-date? Who pays for it?
- There may be additional costs to support such a variety of equipment. Lack of uniformity requires more time, skill, and usually results in extra support time. Something as simple as an email signature may look different on an Android than an iPhone.
- If an employee needs support on their personal device, does the company pay for support such as equipment upgrades, user learning curves, and setting changes?
- Your Company data is on that device! Users are not in the habit of locking these; they can be lost or stolen; they may accidentally forward company information to outsiders; what if they leave the company, what happens to your data?

BYOD is a great alternative, but it's important to think through how your staff uses this equipment, what kind of company data is at risk, and what policies you can put in place and enforce. Food for thought...



Which Backup Solution you choose DOES Matter

We started working with an out-of-state client and they said they've paid the ransom **twice** so far. Another recent client had a good backup, but it took **3 weeks** to restore their data from the cloud.

Add it up—if your office had to be

down for just **one full day**, how many man-hours would it cost you, fully burdened, with no work done, then catchup time? What if it was a payroll day and everything was late?

Not every solution is appropriate, and cheaper is **not** necessarily better. Think it's a pitch? Turn on the news, then give us a call to look at options!

Construction Corner

Our first version 20 Horror Story!

Here's what happened: Their Tech decided to install the Sage 100 Contractor upgrade just like all the prior upgrades, but all of you know version 20 doesn't work that way.

During the installation, the server didn't have the necessary requirements, so the installation failed, shutting down the network.

No problem, they'll make the changes to the server (while the staff is waiting to get back to work), then restore from backup and try again. BUT, their backup solution required that the entire directory had to be restored, *then* they could go get the **one file** they needed.

With everyone stopped, waiting for the directory to download,

they started on the PC's only to find some of them didn't meet requirements, and one of them belonged to the Controller who could not work until the machine was replaced; another delay.

Don't let this happen to you – plan ahead! We have resources on our website – newsletter articles, short videos, detailed technical webinar recordings – and, we're booking half-hour planning calls!

Chase Bank – Really?

We've had accounts with Chase over the years and actually like working with them, but I was really surprised by the latest 'sell' to a client of ours.

'Pay everything on a Chase credit card' and you'll only have one transaction (reduce fees), one entry to make, better cash flow. Really?

The accounting entry will be a nightmare to track by vendor.

Every vendor you force to pay with a credit card will increase their prices or charge you the fee.

The only one winning in this game is Chase – more credit card fees from **all** my vendors! Don't take the bait on this one! - CMW



Other Stuff

Where Have Tablet Sales Gone?

Remember when they said tablets would outsell desktop and laptop computers? That now seems a tad optimistic. In March, Techcrunch.com reported that tablet sales are going down. But why? It turns out that folks treat tablets like computers. meaning they don't upgrade them nearly as often as smartphones. "The iPad 2 is still in use today," IDC Senior Analyst Jitesh Ubrani tells TechCrunch. "The [original] iPad Minis and Air are all still in use today. They were being supported by Apple until very recently. People have been hanging onto these devices and they're finding that they work just as well as they did when they were released." That's bad news for the tablet giants, who are still releasing new versions of tablets at least once a year. In the future, don't expect big releases or online unveilings for slates. *Techcrunch.com March 21, 2017*

Who Else Wants To Win a \$25 Amazon Gift Card?

This month's trivia question:

Which technology, which changed the face of home entertainment, emerged the victor in a format war during the late 1970's and early 1980's?

a) 8mm b) Betamax c) VHS d) V-Cord

To enter: Go to www.Syscon-inc.com/Trivia and type in your answer. All correct answers will be put into a fishbowl and we'll randomly draw the winner. The Winner will be contacted shortly after the deadline and will be announced in next month's newsletter.

Deadline: June 20, 2017

Congratulations to last month's Trivia Contest winner, **Lorree Papenfus**, with

Robert Borg Construction, IL! Lorree's name was drawn

from the fishbowl for last month's correctly answered question:

Which technology, developed in the 1940's, was inspired by Morse Code?:

d) Bar codes