

TECHNOLOGY TIMES

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

What's New

Spring is here and so are some great updates from Microsoft!

Our favorite update is the Office 365 Cloud PBX Phone system. This long-awaited system inspired our new promotion!

For more details visit page 3 and give us a call!

We're excited to help your business get rid of your old phone system!

May 2017



Pictured: Wayne Chapin, CEO of Xerillion

- Stay up to date and interact with us by liking us on [Facebook!](#)
- Phone systems giving you trouble? Take advantage of our great promotion. See Page 3!



Use This 9-Step Checklist To Ensure Your Data Is Safe, Secure And Recoverable

Summer is upon us... Time for a stroll in the park... softball... fishing... a few rounds of golf... Yet how could you possibly relax if some random bit of malware, software glitch or cyber-attack catches you off guard just as you're walking out the door? A well-designed secure computer network gives you the confidence that "all systems are go," whether you're having fun in the sun, or just getting things done with your team.

Here's a quick nine-step checklist we use to ensure that a company's computer network, and the data for that business, is safe and secure from disruption, if not absolute devastation:

1. **A written recovery plan.** Simply thinking through what needs to happen when things go south, and documenting it all IN ADVANCE, can go a long way toward getting your network back up and running quickly if it gets hacked, impacted by natural
2. **Have a clear communication plan.** What if your employees can't access your office, e-mail or phone system? How will they communicate with you? Make sure your communications plan details every alternative, including MULTIPLE ways to stay in touch in the event of a disaster.
3. **Automate your data backups.** THE #1 cause of data loss is human error. If your backup system depends on a human being always doing something right, it's a recipe for disaster. Automate your backups wherever possible so they run like clockwork.
4. **Have redundant off-site backups.** On-site backups are a good first step, but if they get flooded, burned or hacked along with your server, you're out of luck. ALWAYS maintain a recent copy of your data off-site.

disaster or compromised by human error.



5. **Enable remote network access.** Without remote access to your network, you and your staff won't be able to keep working in the event that you can't get into your office. To keep your business going, at the very minimum, you need a way for your IT specialist to quickly step in when needed.

6. **System images are critical.** Storing your data off-site is a good first step. But if your system is compromised, the software and architecture that handles all that data MUST be restored for it to be useful. Imaging your server creates a replica of the original, saving you an enormous amount of time and energy in getting your network back in gear, should the need arise. Without it, you risk losing all your preferences, configurations, favorites and more.

7. **Maintain an up-to-date network "blueprint."** To rebuild all or part of your network, you'll need a blueprint of the software, data, systems and hardware that comprise your company's network. An IT professional can create this for you. It could save you a huge amount of time and money in the event your network needs to be restored.

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8. **Don't ignore routine maintenance.** While fires, flooding and other natural disasters are always a risk, it's more likely that you'll have downtime due to a software or hardware glitch or cyber-attack. That's why it's critical to keep your network patched, secure and up-to-date. Deteriorating hardware and corrupted software can wipe you out. Replace and update them as needed to steer

clear of this threat.

9. **Test, Test, Test!** If you're going to go to the trouble of setting up a plan, at least make sure it works! An IT professional can check monthly to make sure your systems work properly and your data is secure. After all, the worst time to test your parachute is AFTER you jump out of the plane.

Be certain that you have all 9 steps fully covered with our FREE Disaster Recovery Audit.

Contact us at (847)-995-9800 or ask@xerillion.com or visit www.xerillion.com to schedule our **Disaster Recovery Audit** FREE of charge, now through May 31. **Contact us TODAY to get scheduled!**

Office 365 Phone System- Your New Business Phone System for \$20/User/Month (Video)

Office 365 Phone System- Your New Business Phone System for \$20/User/Month

Office 365 including Skype for Business Online

Users ↔ Cloud PBX ↔ PSTN

(Note: The diagram shows a flow from Users to Cloud PBX to PSTN, with a bidirectional arrow between Users and Cloud PBX.)

- Click the Image to check out our overview of the Office 365 Phone System.
- For more videos, like and subscribe to our channel!



Shiny New Gadget Of The Month:



Surface Studio: All Beauty, A Little Brains

“We want to move from people needing Windows...to loving Windows.”

So said CEO Satya Nadella after taking over Microsoft. And their new Surface Studio takes a bold step in that direction.

In a bid to win over creative types, they designed the Studio with a gorgeous desktop screen that easily glides from vertical to almost horizontal, like an artist’s sketchpad. With its Apple Computer-like brushed aluminum finish and ultra-thin screen, it’s feels right at home in an open-plan office with microbrews on tap.

The guts of the machine are stuffed into a nine-inch-long base that’s joined to the screen with an überslick hinge design, allowing it to fold nearly flat for stylus- or touch-driven design work.

Downsides? Well, you’ll pay at least \$3,000. And it’s a bit underpowered to be in that price range. But all in all, even the graphically challenged will find this machine tantalizing.

Office 365 Cloud PBX Phone System

Are you tired of your old phone system? Ready to get rid of it? Microsoft is about to make your decision much easier.

If you like Office 365, then making the change to this phone system is quite literally only an add-on away. It’s that easy.

Aside from it being easy, it’s low-cost!

Cloud PBX:

- Office 361 E1 and E3: PBX is \$8/month/user add-on
- Office 365 E5: PBX comes with (\$0)
- Skype for Business Online Plan 2: \$8/month/user add-on.

Calling Plan:

- Flat rate Domestic: \$12/month/user (pooled 3,000 minutes per user)
- Flat rate domestic + international: \$24/month/user (pooled 3,000 domestic and 600 international per user)

There are plenty of great features to this phone system. However, Microsoft does mention that this system is not meant to completely replace your phones, as it does not have emergency call function.

Some of the new features for Cloud PBX have been long-awaited!

- **Auto Attendant (NEW)** - Numbers designated for departments; varying greetings based on the time of day.
- **Queues for Service (NEW)** - Caller gets a custom greeting with music on hold. Calls are distributed to agents on first in first out basis. PBX will know if users are offline or set to “Do Not Disturb”.
- **Voicemail Transcribing (In Preview)**- Voicemails will be transcribed to text and sent to your email along with an audio attachment.

If these features and prices sound like your right solution for your business, then **take advantage of our great Office 365 Cloud PBX promotion:**

Do You Have an Old Phone System You Want to Get Rid Of?



The Office 365 phone system may be your solution!

Current Promotions with Xerillion: 5 Free license for 4 months of the unlimited Domestic PSTN Calling Plan for any Office 365 Phone projects.

Don’t wait! This offer only goes through June 27th, 2017!

■ The Cloudflare Screw-up: Have your passwords been compromised?

Little bugs can cause huge problems. Like when web performance and security company Cloudflare's code upgrade leaked sensitive data to 3,438 unique domains this past February. Everything from API keys to personal data was exposed. And scariest of all is that any bot could have accessed every bit of it. The good news is that Cloudflare was alerted to the tiny leak before hackers discovered it. The bad news is, a more moderate-sized leak could bring down the web. It just brings home the point that you need to be more vigilant than ever. Change passwords routinely. Use strong passwords that hackers can't easily break. Upgrade to two-factor authentication. *Gizmodo, 02.17.17*

■ Big Red is still the big dog...but T-Mobile is nipping at its heels.

In the battle to claim best mobile network, the winner is arguable. RootMetrics says it's Verizon. OpenSignal says T-Mobile. Digging into their reports, you'll find that geographical factors determine the winner. OpenSignal's crowdsourced data comes mostly from city dwellers. So their finding that T-Mobile wins most likely applies to urban areas. But that data doesn't apply if you're out in the sticks. RootMetrics reports more on overall coverage, and they find Verizon at the top. So who's got the best network for you? At this point, it boils down to where you live and work. But stay tuned...this race is getting close. *AndroidCentral, 02.24.17*

■ Is your in-car GPS necessary anymore?

Smartphones offer turn-by-turn navigation, satellite-tracked

speed readings, voice guidance and real-time, crowdsourced traffic alerts. So why dish out another 300 bucks for your own on-dash, in-car system? Well, those in-car systems have come a long way too... Having voice-command capability, Bluetooth connectivity, geo-based recommendations and a large fixed screen might be reason enough. But if your phone's monthly data allotment and battery life concern you at all, that in-car GPS, with its own data and power sources, starts looking pretty good. And with features like a streaming dash cam and sensor that warns you if you're following a car too closely, in-car GPS is definitely worth a second look. *DigitalTrends, 02.24.17*

■ Get totally weird with new Virtual Reality (VR) tools.

You may not have a clue about how to draw at all, much less in 3-D. Doesn't matter... Whereas VR used to be a tool for techies, now amateurs can get in on the act. A-Frame by Mozilla, for instance, lets you easily type in commands that place 3-D objects like blocks, balls and more into a VR scene you create. Tilt Brush lets you paint in the air wearing a Google Vive headset. And Second Life inventor Philip Rosedale is building software that lets you invite friends into a VR world you design. Most of what any amateur creates will likely be grotesque, ugly or flat-out lame, but somewhere in all that mess, amazing new products will be born. *Wired, 02.24.17*

Who Else Wants To Win A \$15 Gift Card?

Now, here's this month's trivia question. The winner will receive a gift card to Starbucks.

Which technology, developed in the 1940s, was inspired by Morse code?

- a) ZIP code
- b) Bar codes
- c) Braille
- d) Tickertape



*Call us right now with your answer!
Or send us an e-mail at Ask@Xerillion
847-995-9800*

Image courtesy of Google Images