

Holzager Technology Services, LLC  
 P.O. Box 535  
 Fair Lawn, NJ 07410-0535  
 (201) 797-5050  
 info@tech4now.com



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**Celebrating over  
 FIFTEEN YEARS  
 of Service and  
 Satisfied  
 Customers!**



**“As a business owner, you don’t have time to waste on technical and operational issues.**

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**Fred Holzager,  
 IT Director  
 Holzager Technology Services  
 and  
 Publisher of  
 The Tech Insider**

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**Snapple Real Fact # 65**  
 A one-day weather forecast requires about 10 billion math calculations.

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# The Tech Insider



“Insightful Tips To Make Your Business Run Faster, Easier and Be More Profitable”

## Windows 7 Countdown - Support Coming to an End

According to NetMarketShare’s July 2016 data, 47.01% are still using Windows 7, one of Microsoft’s most loved operating systems. But like all operating systems before it, Windows 7 is nearing the end of its lifecycle, making an upgrade to Windows 10 absolutely essential for the safety of your PC.

So when will support for Windows 7 end? Microsoft ended mainstream support for Windows 7 on January 13, 2015, but extended support won’t end until January 14, 2020. Once an operating system enters extended support, it means that Microsoft will continue to patch any security threats, but won’t add any new features (as it would do during the 'mainstream support' phase).

Kicking off the three-year countdown to end extended user support, Microsoft is bringing an end to the Windows 7 era for good reason. With the operating system being somewhat outdated, not only will users work at sluggish speeds, but they’ll also be susceptible to numerous cyber threats that could ruin their business.

When Windows 7 was given extended support in 2015, Microsoft warned its users that this outdated version would drive up operating costs due to remediating software attacks that Windows 10 systems could otherwise avoid. The three-year countdown toward Windows 7’s twilight officially kicks off with a warning to enterprises that they could face hefty fines for sticking with the platform’s outdated security.



According to Markus Nitschke, head of Windows at Microsoft Germany, Windows 7 does not meet the requirements of modern technology, nor the high security requirements of IT departments. Users can delay upgrades until

January 13, 2020, after which extended support for the 2009 operating system will end. It will no longer receive security patches to fix issues— unless the customer is paying for pricey Microsoft Custom Support Agreement.

Markus also added that “As with Windows XP, we saw that companies should take early steps to avoid future risks or costs.” The message came as Microsoft published studies that showed

*(Continued on page 2)*

**“We Love Referrals” 2017 Offer**

**Keeping with the spirit of helping others,  
 if you refer a business to us and they become our customer,  
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**At Holzager Technology Services, we believe that referrals are the greatest form of flattery. By recommending your partners, associates, or professional contacts, you can help them enjoy worry-free IT and support a worthy cause of your choice!**

**For more information, please see our website at  
[www.tech4now.com/we-love-referrals](http://www.tech4now.com/we-love-referrals), contact us by phone at 201-797-5050  
 or email us at [info@tech4now.com](mailto:info@tech4now.com) .**

## Quotations

*"Before anything else, preparation is the key to success."*

**Alexander Graham Bell**

*"When everyone works together, the strengths of each individual get amplified and the weaknesses get covered."*

**Vince Lombardi**

*"Initiative is doing the right thing without being told."*

**Victor Hugo**

*"Look to the future, because that is where you'll spend the rest of your life."*

**George Burns**

*"Sometimes the road less traveled is less traveled for a reason."*

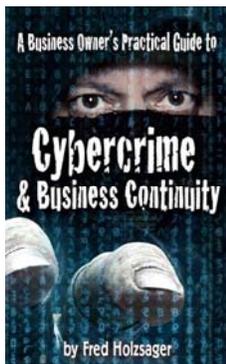
**Jerry Seinfeld**

*"A person's a person, no matter how small."*

**Dr. Seuss**

*"Don't let the same dog bite you twice."*

**Chuck Berry**



**My New Book was just featured in the UAlbany Magazine under Alumni Authors & Editors!**

For more details on the contents and how to get your copy, please visit our special web page at [www.tech4now.com/cybercrime](http://www.tech4now.com/cybercrime)

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***Ask us about our fixed price services HTS Insight Hassle-Free Agreements— Computer Support at a flat monthly fee you can budget for just like rent!***

## Windows 7 Countdown - Support Coming to an End

*(Continued from page 1)*

Windows 10 Anniversary Update's built-in security managed to neutralize zero-day exploits, even without patches needed to protect earlier versions of Windows.

Failing to upgrade to Windows 10 means that you and your networks will miss out on noteworthy security features such as the Windows Defender *Advanced Threat Protection*, among others. These security features will gain enhanced attributes with the spring 2017 roll-out of the *Creators Update*, the third update to Windows 10 since its inception in 2015.

The entire base of the Windows 10 platform will be enhanced as well. Users will be able to pick up where they stopped working from other devices linked to the computer. This streamlines the user experience and can prevent information and data loss. The quick actions menu will also be adjusted so that users can more easily perform necessary



actions. The accent color scheme will also be made customizable, and live tiles will be introduced to the Start Menu feature, making it easier to access your latest photos, documents, and recently used apps.

With the help of newer tools, migrating from Windows 7 to Windows 10 is considerably easier when compared with migrations from XP.

Microsoft is still urging corporate users to make the shift before Microsoft permanently terminates support for Windows 7, stating that their business could be looking at real trouble if they fail to comply.

If you haven't upgraded to Windows 10 yet, we ask you to consider it for the safety of your business. Please contact us at (201) 797-5050 or [www.tech4now.com](http://www.tech4now.com) so we can answer any questions or concerns you may have. We can help make the migration as seamless as possible. Once you see the advantages of Windows 10, you'll be thankful you upgraded sooner rather than later.

## Warning: Autofill Function Aids Hackers

With many of today's transactions done online, people have become accustomed to relying on their browsers' autofill function to save time. The Autofill feature, introduced in 2011 by Google Chrome, made filling in online registration forms much faster and internet credit card purchases more convenient. It eliminates the need to enter all your details when logging on your social media accounts or when checking out your basket after e-shopping. On Chrome and Safari browsers, however, danger lurks when you rely too much on autofill. Without knowing it, you may be exposing personal information to hackers who have found a way to steal your credit card information and shop at your expense.

### How do they do it?

By concealing other fields in a sign-up form, users are tricked into thinking they only have to fill out a few fields. However, with auto-sign up, other fields, which could include your billing address, phone number, credit card number, cvv (the 3-digit code used to validate credit card transactions), and other sensitive information, are auto-filled with the user none the wiser.

This sinister trick is nothing new, but since there hasn't been any countermeasure since it was first discovered, the threat it poses is worth emphasizing. Finnish white hat hacker (an ethical computer hacker intending to improve security), Viljami Kuosmanen, recently brought to light how users of Chrome and Safari are particularly vulnerable, and he even came up with a demonstration of how this phishing technique is perpetrated.

The technique is so sneaky, it's enough to make one give up online shopping forever.

Using plugins and programs such as password managers is also fraught with security risks, as it empowers cyberthieves to do more than just obtain your credit card information; it opens them up to a great amount of personal details.

### Preventing an autofill-related theft

So what can you do to avoid falling prey?

Using Mozilla Firefox is one of the easiest available solutions. As of today, Mozilla hasn't devised a mechanism that affords its users the same convenience that Chrome and Safari users enjoy with autofill. When filling web forms on Firefox,

users still have to manually pre-fill each data field due to a lack of a multi-box autofill functionality – a blessing in disguise, given the potential for victimization in autofill-enabled browsers.

Another quick fix is disabling the autofill feature on your Chrome, Safari and Opera (for Apple mobile devices) browsers. This would mean that when filling out web forms, you'd have to manually type responses for every field again, but at least you'd be more secure.

With all the efficiencies and convenience technology has afforded us, it's no wonder we're always looking to simplify our lives even further. However, many things in life are trade-offs. Taking the time to refill in your data each time can help you ward off the threat of data thieves. Contact us today at (201) 797-5050 or [www.tech4now.com](http://www.tech4now.com) for more information.



# Trivial Matters

With this year's round of college applicants currently deciding where they will go in the fall, we thought we'd enlighten you with some interesting facts about our higher education institutions.



- The word "college" comes from the Latin "collegium" which means community or society.
- Nearly 5,000 colleges and universities exist in the country. Together they grant more than 2 million degrees per year.
- Nearly 60% of all college students are female.
- 14 of the 25 largest sport stadiums in the world belong to American college football teams.
- Harvard has the largest academic library in the world, with 15.8 million volumes.
- The University of Pennsylvania was founded in 1740, 47 years before PA even became a state.

- The University of Michigan—Ann Arbor has a Squirrel Club with over 400 members.
- There have been many celebrity commencement speakers over the years, however, one of the most interesting was Kermit the Frog who spoke at Southampton College in 1996.
- Surveys in the U.S. & other countries show that college students continue to prefer printed textbooks to electronic ones by wide margins.
- Theodor Geisel was caught drinking gin as a Dartmouth undergrad and forced to resign from the college humor magazine, so he started contributing under the pseudonym Dr. Seuss.
- The cost of college textbooks has risen 812% in the past 30 years - more than healthcare costs, housing prices, and college tuitions, all of which have risen faster than the rate of inflation. nutrition scientists at Brandeis University.
- Congratulations to the honorable parents that have bred and guided the future graduates.

# Quick Tech Productivity Pointers

## Google Apps For Enhanced Productivity

Google Play has a wealth of applications that you can spend a whole day exploring. But with numerous categories and hundreds of apps available on Google's App Store, looking for productivity-increasing tools may be too time-consuming. Sifting through dozens of potentially helpful apps amidst a bunch of barely useful ones might not be the best use of your time, so we did the choosing for you. And since they're free, you can download them right away.

### Chrome Remote Desktop

This cross-platform app provides a tremendous benefit in terms of support. If you need remote assistance, you can grant someone temporary access to your desktop and revoke access once the issue has been resolved. The other benefit is being able to access your own desktop from any of your mobile devices (smartphone, tablet, Chromebook) to work on files or use programs. Simply install the Google Chrome extension, assign a pin for remote access, and start sharing.



### Trusted Contacts

It's a dangerous world out there, which is why location-sharing apps such as Trusted Contacts are vital to your safety. With Trusted Contacts, you can request a location from, or share yours with, a contact who's also using the app in case of an emergency. Location sharing has long been part of most apps with a GPS functionality, but what sets Trusted Contacts apart is its ability to send a person's location even when offline. In instances when a person's location is requested and there's

no answer within 5 minutes, the app automatically sends the contact's last known location.

### Google Handwriting Input

Google Handwriting Input is an app that reads your handwriting, so you can write directly on your screen instead of using a keyboard. Similar to Swype, a virtual keyboard for touchscreens where the user enters words by sliding a finger from the first letter of a word to its last, but is more flexible and doesn't require precise strokes. You can 'handwrite' your IMs and text messages, perform searches, and even create emojis, using your finger or a stylus. This app can be quite useful for those who have trouble texting and who communicate in languages with special characters.

### Google Trips

Organizing business or leisure travel is taxing, and having to use multiple apps just adds to the chaos. Google Trips reduces your travel hassles by putting all data — such as itinerary, hotel location, available transportation, and other trip-related info — into one app and letting you access it online or offline. It also provides recommendations on popular attractions, day trips, and things to do based on the itineraries and other travel-related information you've stored in your Gmail.

The answer to some of your business's most pressing needs may be hidden in plain sight in the App Store. We're constantly on the lookout for process-enhancing apps and tools, so please feel free to contact us today at (201) 797 - 5050 or [www.tech4now.com](http://www.tech4now.com) for advice.



## Are You Protected From A Data Breach?



Think cybercriminals only target the big companies?

More than 75% of data breaches target small and medium sized businesses.

We can help you with the following:

### 1. TRAIN YOUR EMPLOYEES

Train your employees to help protect your sensitive data.

### 2. PROTECT YOUR NETWORK

Protect your network with VPN's, firewalls, vulnerability scans, penetration testing, etc.

### 3. SECURE YOUR DEVICES

Identify, track, and secure (encrypt) your employee's devices—smartphones, USB drives, tablets and laptops.

### 4. SECURE PHYSICAL SPACE

Track and log visitors, limit access with locked doors.

### 5. CREATE CLEAR POLICIES

Create clear and concise written policies on the use and disposal of sensitive data.

### 6. WHERE'S YOUR DATA?

Locate, understand, and limit where all of your sensitive data resides.

### 7. PROPER DISPOSAL PROCEDURES

Ensure that you have the proper procedures and documents in place to dispose of any devices, equipment, and paper records.

LET US HELP YOU PROTECT YOUR BUSINESS AND DATA.

CONDUCT A SECURITY RISK ASSESSMENT TO UNDERSTAND YOUR RISKS.

Contact us at (201) 797 -5050 or [www.tech4now.com/pii-protect](http://www.tech4now.com/pii-protect).



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

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### Feedback & Suggestions...

Is there a topic or feature you would like to include in a future issue? Opinions and feedback are welcome and encouraged. Please send us an e-mail or call our direct line.

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## 5 Reasons To Choose A Hosted VoIP Phone System

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*It is my pleasure to recommend you to my colleagues and friends knowing how you stand behind your work and provide fast service. Your reputation and integrity are top notch, not to mention your speed to resolution." —Irwin Dolgoff, President, Academic Achievement, Inc.*

April 2017

## The Lighter Side...

*For Entertainment Purposes ONLY!*

### The Chicken and the Frog in the Library

A chicken walks into a library, goes up to a librarian and says, "Book book book." The librarian decides that the chicken wants a book so he gives the chicken a book and the chicken walks away. About ten minutes later the chicken comes back with the book, looking a bit agitated, saying, "Book book book." The librarian decides the chicken wants another book so he takes the old book back and gives the chicken another book. The chicken walks out the door. Ten minutes later the chicken comes back again, very agitated, saying, "Book book book!" The chicken puts the book on the librarians desk and looks up - waiting for another book. This time the librarian gives the chicken another book and decides to follow the chicken out the door and into the park, all the way to the pond. In the pond is a frog sitting on a lily pad. The chicken gives the book to the frog, who then says, "Reddit, reddit, reddit."



### Someone's Watching Over You

Late one night, a burglar broke into a house and while he was sneaking around he heard a voice say, "Jesús is watching you." He looked around and saw nothing. He kept on creeping and again heard, "Jesús is watching you." In a dark corner,

he saw a cage with a parrot inside. The burglar asked the parrot, "Was it you who said Jesús is watching me?" The parrot replied, "Yes." Relieved, the burglar asked, "What is your name?" The parrot said, "Clarence." The burglar said, "That's a stupid name for a parrot. What idiot named you Clarence?" The parrot answered, "The same idiot that named the Rottweiler Jesús."

### Fun Riddles

Q: Did you hear about the guy who dreamed he was eating a giant marshmallow?

A: When he woke up, his pillow was gone.

Q: What animal should you never play cards with?

A: A cheetah.

Q: How much does a hipster weigh?

A: An instagram.

Q: Why did the reporter rush into the ice cream shop?

A: He was looking for the scoop.

Q: Why did the duck go to jail?

A: Because he got caught selling quack.

Q: Why couldn't the leopard play hide and seek?

A: Because he was always spotted.

