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Volume 10, Issue 7

July 2018

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SIXTEEN YEARS  
of Service and  
Satisfied  
Customers!**



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

**That’s where we shine!  
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**Fred Holzager,  
IT Director  
Holzsager Technology Services  
and  
Publisher of  
*The Tech Insider***

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#### Snapple Real Fact # 1445

A single lightning bolt contains enough energy to cook 100,000 pieces of toast.

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# The Tech Insider



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

## Google Chrome To Mark HTTP Sites As “Not Secure”

**HTTPS [Hyper Text Transfer Protocol Secure]** has now become a requirement for many new browser features because it is encrypted and therefore safer. Google Chrome currently marks HTTPS-encrypted sites with a green lock icon and “Secure” sign. And starting in July, Chrome will mark all HTTP sites as “not secure.” Google hopes this move will nudge users away from the unencrypted web. Read on to learn more about the forthcoming changes.

For several years, Google has moved toward a more secure web by strongly advocating that sites adopt the Secure Hyper Text Transfer Protocol (HTTPS) encryption. And last year, Google began marking some Hyper Text Transfer Protocol (HTTP) pages as “not secure” to help users comprehend risks of unencrypted web-sites. Beginning in July 2018 with the release of a Chrome update, Google’s browser will mark **ALL** HTTP sites as “not secure.” Chrome’s move was mostly brought on by increased HTTPS adoption. Eighty-one of the top 100 sites on the web default to HTTPS, and the majority of Chrome traffic is already encrypted.

Here’s how the transition to security has progressed, so far:

- Over 68% of Chrome traffic on both Android and Windows is now protected.
- Over 78% of Chrome traffic on both Chrome OS and Mac is now protected.
- 81 of the top 100 sites on the web use HTTPS by default.

#### HTTPS: The Benefits and Differences

What’s the difference between HTTP and HTTPS? With HTTP, information you type into a website is transmitted to the site’s owner with almost zero protection along the journey.



When security is a must, HTTPS sends and receives encrypted internet data. This means that it uses a mathematical algorithm to make data unreadable to unauthorized parties. Below are more of the benefits of HTTPS.

#### #1 HTTPS Protects A Site’s Integrity

HTTPS encryption protects the channel between your browser and the website you’re visiting, ensuring that no one can tamper with the traffic or spy on what you’re doing.

*(Continued on page 2)*

## “We Love Referrals” 2018 Offer

**Keeping with the spirit of helping others,  
if you refer a business to us and they become our customer,  
we will donate \$100 to your favorite charity.**

**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

*"It had long since come to my attention that people of accomplishment rarely sat back and let things happen to them. They went out and happened to things."*

**Leonardo Da Vinci**

*"We may encounter many defeats, but we must not be defeated."*

**Maya Angelou**

*"Beauty is being the best possible version of yourself."*

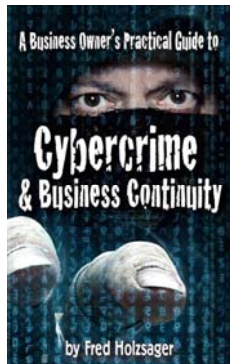
**Audrey Hepburn**

*"The simple act of caring is heroic."*

**Edward Albert**

*"Things turn out best for the people who make the best of the way things turn out."*

**John R. Wooden**



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***"We make all of your computer problems go away without the cost of a full-time I.T. staff"***

***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!***

## Google Chrome To Mark HTTP Sites As “Not Secure”

*(Continued from page 1)*

Without encryption, someone with access to your router or internet service provider (ISP) could intercept (or hack) information sent to websites or inject malware into otherwise legitimate pages.

### **#2 HTTPS Protects The Privacy Of Your Users**

HTTPS prevents intruders from eavesdropping on communications between websites and their visitors. One common misconception about HTTPS is that only websites that handle sensitive communications need it. In reality, every unprotected HTTP request can reveal information about the behaviors and identities of users.

### **#3 HTTPS Is The Future Of The Web**

HTTPS has become much easier to implement thanks to services that automate the conversion process, such as Let's Encrypt and Google's Lighthouse program. These tools make it easier for website owners to adopt HTTPS. Chrome's new notifications will help users understand that HTTP sites are less secure, and move the web toward a secure HTTPS web by default. HTTPS is easier to adopt than ever before, and it unlocks both performance improvements and powerful new features that aren't possible with HTTP.

To learn more about the safety aspects of using HTTPS, contact us today at (201) 797-5050 or [www.tech4now.com](http://www.tech4now.com).

## iPhone or Android Phones For Your Business?

You rely on your entire IT infrastructure to run a successful business. To that end, you must choose reliable tools, including mobile devices, that drive the most value for your operations. This is where the never-ending question, "Is Apple better than Android?" comes in. Take a look at the key criteria below to decide.

### **Price**

Apple is a luxury brand, and the only way budget-conscious businesses can afford an iPhone is if they consider secondhand market or rely on older models. But of course, you would rather get a new phone that hasn't been through previous repairs, carrying recurring problems, and one that isn't outdated for app compatibility. Android is widely available for small-business rates and obviously triumphs in this category.

Winner: Android phone

### **Security**

Surely, there is a reason why iPhones cost so much. Apple products are known for their exquisite form and finish, which definitely adds to the cost. They also place much emphasis on security. Apple is more strict about the apps it allows into the App Store when compared with Android. Nevertheless, both are still susceptible to malware, so try to be more cautious when downloading dodgy apps or programs.

Winner: iPhone

### **Customizable**

Android has always been superior when it comes to personalization. You can easily change the theme of the phone, modify home screen layout, add shortcuts and widgets, and even

alter the user interface using launchers.

With an iPhone, you may have the freedom to set backgrounds but there's still restricted support for widgets. And as mentioned before, Android is more lax in allowing third-party installations for your default options. So if you think your company would benefit from more customization, Android is the platform for you.

Winner: Android phone

### **Voice Assistants**

Siri may have wowed the public when it was first introduced, but Google Assistant has stayed

true to its name as it progressed. The former remained basic by simply answering questions while the latter introduced several features, including seamless integration with other apps to make your life more convenient. For example, if you have a meeting set in Google Calendar and Google Maps

received a notification about the growing traffic in the area, Google Assistant will calculate the time it takes for you to get there and alert you beforehand. Fortunately for iPhone users, this virtual helper is also available on the App Store. Therefore, we can conclude that it's a win-win for both.

Winner: Android and iPhone!

The perfect phone for your business depends on your particular requirements. If you're still unsure, contact us today at (201) 797-5050 or [www.tech4now.com](http://www.tech4now.com) and we can offer suggestions based on the needs of your business.



## Trivial Matters

This 4th of July, we're celebrating the nation's 242<sup>nd</sup> birthday. So how exactly do Americans celebrate?

### FLAGS

Fourth of July can't be celebrated without seeing red, white and blue everywhere. Probably the most important Fourth of July feature is the U.S. flag.

- 64 % of people own a U.S. flag.
- \$4.4 million was spent on imports of U.S. flags, the vast majority of which came from China (\$4.3 million)

### FOOD

- According to the National Retail Federation, 64.5% of people will attend a Fourth of July picnic or barbecue.
- There is \$6.77 billion in planned spending on Fourth of July food, and it just so happens



that July is National Hot Dog Month.

- The National Hot Dog and Sausage Council says that out of an estimated 20 billion hot dogs consumed by Americans each year, 155 million are consumed on July 4th.

### FIREWORKS

- Total amount of fireworks used is 285 million pounds: 260 million by consumers and 25 for displays.
- The biggest Fourth of July fireworks show in the country is Macy's 4th in New York City, which is celebrating its 42nd anniversary this year.
- This year's show, with more than 75,000 shells, will be the largest display in almost two decades.

*Have a safe and happy 4th of July!*

## Quick Tech Productivity Pointers

### Windows 10: Tips To Make Your Life Easy

Are you making the most out of your Windows 10 computer? Windows 10's recent updates include a few small but useful enhancements that'll make your life easier. Aside from the Start Menu's return or the Cortana display enhancements, there's more to Microsoft's snazzy operating system that you probably haven't used.

#### Performance/Power Slider

There are two kinds of computer users: those who value battery longevity and those who prefer optimized system performance. The Performance/Power slider in Windows 10 lets you easily toggle between the *Best battery life* (when you're trying to save battery) and the *Best performance* (when you need your system to perform optimally), or set a balanced battery and system performance setting. Just click the battery icon in the taskbar and adjust the slider based on your preference.



#### Night Light

Those who use computers late at night can turn on Night Light to reduce the amount of blue light emitted from the screen. This feature substitutes the blue light with warmer colors, which reduces eye strain and helps you sleep easily. Night Light is disabled by default, so you need to enable it by following these steps:

- Click the Start Menu
- Click the Settings app (or press WIN + I to quickly open Settings)
- Click the System icon>Display
- Set Night light to 'On' or 'Off'

### Taskbar Pin

It takes only a few seconds to open a browser and type a website's address or click Bookmarks and choose from a list of websites you frequently visit. But Windows 10 offers an even quicker way to access your go-to sites by allowing you to pin websites on the Windows 10 taskbar. Simply click "Pin this page to the taskbar" on the Microsoft Edge menu, and the site's icon will appear on the taskbar for easy perusal.

### Drag to Pin Windows

Need to organize your screen but can't help having many open windows? Reduce screen clutter by dragging any window to a corner so it can take a quarter of the screen. For multiple screens, drag a window to any border and wait for the prompt that tells you to put the window in the selected corner.

### Focus Assist

Notifications can be distracting, but Windows 10's Focus Assist feature can manage the notifications you receive from contacts and applications. This function also lets you customize the list of notifications you wish to prioritize.

To enable Focus Assist, go to: Settings> System> Focus Assist  
Adjust the notifications settings based on your preference. If you wish to disable it and receive all notifications, click 'Off.'

These are just some of the many Windows 10 functions that save time and add value to business-users' lives. For more tips, contact us at (201) 797-5050 or [www.tech4now.com](http://www.tech4now.com).

# PII PROTECT

## 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.

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CONDUCT A DARK WEB ASSESSMENT TO SEE IF YOUR PASSWORDS MAY HAVE BEEN COMPROMISED

Contact us at (201) 797-5050 or

[www.tech4now.com/pii-protect](http://www.tech4now.com/pii-protect)



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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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4. WORLD-CLASS FEATURES
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- ✓ Voice over IP phone systems

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*Ask us about our fixed price service agreements—Computer support at a flat monthly fee you can budget for just like rent!*

*"Your breadth of experience and speed to resolution helps us keep our business strong and current. The way we see you is not as an IT computer guy, but as a proven Trusted Business Advisor." —Nabil Ishac, Architect & Owner, Ishac Design Architect*

July 2018

## The Lighter Side...

*For Entertainment Purposes ONLY!*

### Lots of Prayers

Two men are walking through a game park and they come across a lion that has not eaten for days. The lion starts chasing them. They run as fast as they can and one man starts getting tired and decides to say a prayer, "Please make this lion stop chasing us." He looks to see if the lion is still chasing and he sees the lion has stopped. Happy to see his prayer answered, he turns around and heads towards the lion. As he comes closer he hears the lion saying a prayer: "Thank you for the food I am about to receive."



### Adding it Up

Teacher: "If you had one dollar and you asked your father for another, how many dollars would you have?"

Vincent: "One dollar."

Teacher: "You don't know your arithmetic."

Vincent: "You don't know my father."

### Good Deal

Police officer talks to a driver: "Your tail light is broken, your tires must be exchanged and your bumper hangs halfway down. That will be 300 dollars."

Driver: "Alright, go ahead. They want twice as much as that at the garage."

### The Basics of Chemistry

Teacher: "OK class, who will give me the chemical formula for water?"

Pupil: "HIJKLMNO."

Teacher: "What on earth is that?"

Pupil: "Well you said yourself yesterday it was H to O!"

### High Aspirations

Man to his wife: "Do you know what our 6 year old son wants to be once he's big?"

Wife: "No."

Man: "A garbage man. And you know why?"

Wife: "No, why?"

Man: "Because he thinks they only work on Tuesdays."



### Tech Jokes

Apparently you can't use "beef stew" as a password. It's not stroganoff.

What do you call two monkeys that share an Amazon account? Prime mates.

Man: Siri, where is the best place to hide a body?

Siri: The second page of a Google search.

I don't have to ask my kids to call me, I just change the Netflix password and then don't respond to their texts.