



TECHLORE

“Insider Tips to Make Your Business Run Faster, Easier and More Profitable”

INSIDE THIS ISSUE:

5 Ways AI Is Revolutionizing the Tech Industry	Page 1	How 5G Will Disrupt the Business World	Page 2
Somneo Sleep and Wake-up Light	Page 1	Tech Tip: Hear and Delete Alexa Conversations	Page 2
Can Hackers Hack Your 'Voice'?	Page 2	Windows 7 End of Life	Page 2
Time Crunch? 4 Quick Tips for Time Management	Page 2	Free Report Download	Page 2



"As a business owner, 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 finally and forever!"
 -Jim Stackhouse
 NeoLore Networks

5 Ways AI Is Revolutionizing the Tech Industry

Artificial Intelligence is one of the most disruptive technological innovations of recent times. People believe that AI is the future and while that is true, it is also the present. AI has been around for a while, permitting the development of some of the most pioneering technological applications known to man.

1. Autonomous Cars

Self-driving cars have been an enduring concept. Tech giants like Google have been working on developing, refining and employing AI technology for years, utilizing autonomous vehicles to collect visual and geographical data. Companies like Tesla have already introduced cars that have passed the level 2 autonomy test. This means that the car's AI can effectively 'self-drive' and is even capable of identifying and reacting to risky maneuvers and situations. Fully autonomous (SAE Level 5) cars are yet to hit the roads, but they are no longer a pipe dream.

2. Healthcare Industry

AI has caused significant upheavals in the healthcare industry too. AI has been instrumental in the creation of contemporary prosthetics. Today, with the successful completion of the world's first AI-supported, remote-operated robot surgery, the possibilities are endless.

Specialists have predicted that soon, patients are likely to undergo fully mechanized operations, with little to no help from a human surgeon. Furthermore, AI has helped accelerate the analysis of data. Using deep-learning, AI instantly recognizes patterns and tessellations that the human mind might struggle with. In the medical field, this increases the likelihood of identifying imminent life-threatening diseases like Meningitis.

3. Education/Learning

For a long time, education was one industry that remained mostly unaffected by technology. However, AI is transforming the education sector to create student-specific educational content that caters to students across the globe, with varying needs. AI assesses the strengths and weaknesses of each student and helps create a breakdown that details each student's strengths and weaknesses, while also identifying the lesson delivery methods that are most likely to result in improved academic performance. Furthermore, AI is being incorporated into schools through Virtual Reality (VR), Augmented Reality (AR), and IoT whiteboards, helping to make the learning process more convenient.

4. Digital Security

Traditional cyber security tools use non-corollary, signature-based detection to discover threats. In essence, these security tools employ AI tech and complex machine-learning algorithms to analyze patterns and identify and neutralize unwanted digital threats before they cause any significant damage. Platforms like nLighten8 provide security against viruses, hackers, and other potential threats. Such platforms are only going to see increasing demand as more people and industries set up a digital presence.

5. Personal Assistance Tools

As the world moves towards convenience intensive tools, personal assistance tools will

increase in demand. We have already witnessed the successful introduction of AI-powered assistants with offerings like Cortana, Siri, Alexa, and the Google Assistant. These applications use Deep Neural Networks, which processes information multiple times over, filtering and making connections. AI-assistants of the future are set to become fully autonomous and will be further incorporated in our lives, adding improved convenience and connectivity.

Even with all these technical advances, the AI revolution is still in its infancy stage. The innovations of today are merely setting us up for the endless possibilities the future holds.



Somneo Sleep and Wake-up Light

It's an artificial lighting system built to simulate natural environments and help you sleep. It also has built-in alarm clock functions and has the capability of connecting to your smartphone. It can simulate a natural sunrise with adjustable

strobing according to your breathing. You can choose the music that is to be played at regular intervals. The Somneo light system is clinically-proven to be helpful for, both, sleeping and waking up. Learn more here: <https://bit.ly/2VBRNHY>

Can Hackers Hack Your 'Voice'?

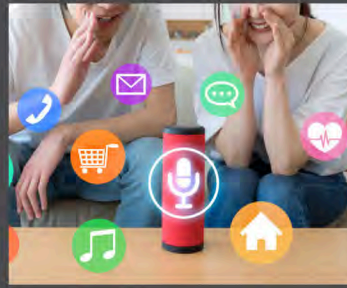
We are slowly moving towards a voice-activated world: from controlling your handheld devices to unlocking your home and even accessing bank accounts, voice recognition is everywhere. In an age of constant technological change, hackers take advantage of user ignorance and emerging tech to gain illegal access to sensitive personal and financial information.

The human voice is not unique, and it is easily replicated, making it an ineffective security measure. These days, a small snippet of your voice's recording is enough for a hacker to create a working model of your speech-patterns using 'voice-morphing' software. The possibility of a data leak

increases exponentially if the hacker knows you personally. They may even have confidential information that could be used against you, disguised in your voice. For example, a hacker can initiate a password reset on your online banking application by calling the bank. The sound used by the hacker on the phone will be indistinguishable from your real voice.

Humans have a limited hearing frequency that ranges from 20-20,000 Hertz. Speech recognition AI is not limited in any such way. Neural networks can 'listen' and process sound waves that are inaudible to humans. This means that hackers can potentially control your voice-activated

assistants by playing your voice at an inaudible frequency.



To secure their systems and avoid such risks, tech companies need to set sound frequency limits on their voice recognition software. This would help ensure that the voice is only picked up by the microphone and processed if it's at the designated frequency, protecting against potentially dangerous, inaudible commands.

How to Protect Yourself against 'Voice Hackers'

1. Make sure your voice is not your primary authentication feature: favor biometrics and facial recognition software.
2. Secure your bank accounts and set security measures that require more than just a snippet of your voice to access your accounts.
3. Install microphone and speaker blocking apps to deter hackers from collecting covert recordings.
4. Install effective anti-virus software.
5. Avoid relying on voice activation and recognition technology.

Time Crunch? 4 Quick Tips for Time Management

There are times when no matter what you seem to do, you're always short of time to complete those important tasks. Use these 4 quick tips for time management to beat the time crunch:



1. Break up your time into manageable chunks. Then do the hard tasks first. It may take you longer to get that one big item off your desk, but once done you'll be able to tackle non-urgent items with less pressure.



2. Get rid of any distractions and focus on one task. This means closing your email, stop multi-tasking, and focus on the top thing that you need to get done.



3. Work smarter, not harder. Rely on technology when you can to make tasks easier. If you're working with a team, use project management tools to collaborate about deadlines and keep everyone on track.



4. Take some time to clear your mind and step away from work for a few minutes. Self-care can go a long way in refocusing your energy so that you can work more effectively.

How 5G Will Disrupt the Business World

5G is the super-evolution of 4G – theoretically faster than any other form of internet access today.

It will effectively accelerate all online functions, increasing the productivity of any business relying on the speed of their internet. If you are looking to market through or move into AR and VR technology, 5G will ensure that all your efforts are seamless.

This is because augmented and virtual reality are very data-heavy applications. 5G would ensure that all the information you need is literally at the tip of your finger. Zero-lag and almost non-existent latency would also ensure faster and more-secure data transfer.

Due to the elimination of buffer time, you would be able to market your videos in 4K or higher resolution, revolutionizing real-time marketing and live video marketing. In a world where almost everything is connected to the internet, 5G will make the links that much shorter, making business processes faster, efficient, and more secure.

Tech Tip: Hear and Delete Alexa Conversations

Amazon offers its Alexa users complete access to your recording's history, which you can hear or delete any time you want. Here's how you can remove the history:

Step 1. Open the Alexa app on your smartphone connected to the device. Tap on the three horizontal lines in the upper left and tap Settings. Tap on Alexa account > Alexa Privacy.

Step 2. Select Review Voice History and all the recordings will appear on your screen. To choose a particular date or period, tap on Date Range.

Step 3. To delete the recordings, check the box next to each recording. You might want to keep some recordings, but that's up to you. Hit Delete Selected Recordings for the process to begin.

Step 4. Go to Review Voice History menu and select Delete All Recordings for All History if you want to delete all recordings.

Windows 7 End of Life is Coming, are you Prepared?

The countdown is on. As of January 14th, 2020, Microsoft will no longer be providing support or patches for the following software platforms: Windows 7, Office 2010, Exchange 2010, Windows Server 2008/R2 and Small Business Server 2011.



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

Cybercrime is at an all-time high, and hackers are setting their sights on small and medium businesses who are easy prey. Don't be their next victim! This report reveals the most common ways that hackers get in and how to protect yourself today.

In this report, we cover: The #1 threat to your business that even the BEST firewalls and anti-virus software can't protect against, a common misconception about employee devices on your office network and exactly what you need to do now to shut this down immediately, and more!

<https://neolore.com/10hackers>