NEOLORE NETWORKS INC.

TECHLORE

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

INSIDE THIS ISSUE:

"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

What is the Internet of Things?

How often do you use your PC or your phone?

Back in the 1990s, using your PC to browse web pages was a big deal. You had to wait for the phone line to be free so that you could type in your user name and password, and wait for that horrible dial-up sound so that you could connect to the internet. It often took half an hour to get things started.

Then, broadband came. You could make a call as well as surf the internet together, and loading web pages became faster too. However, you still faced that random disconnection.

Not today – you can watch videos, listen to music, or read the news right from your smartphone. With the internet becoming faster and user-friendly, everyone's got the hang of it.

However, did you know that the internet is a lot more than just browsing your favourite pages?

How would it be if you could connect the internet to cars, security systems, electronic appliances, or even vending machines? It's what IoT is about.

IoT helps everything around you become web-enabled by using specific sensors and processors. Think of it this way – what if your toothbrush could tell you which quadrants of your teeth you forgot to brush on?

Devices like Amazon Echo and Google Home are IoT enabled. Using your home's WiFi they can give you the latest weather update, or play your favourite songs. Interestingly though, IoT as a concept isn't new. In 1982, Coke modified one of its vending machines at Carnegie Mellon University to enable it to report its inventory, as well as the temperature of the coke bottle. Many believe it to be the first appliance to be connected to the Internet.

How IoT will change the future of the world?

Most of the things that we see today, including televisions or cameras, don't have more to offer when it comes to the basic functionality. Sure, you can get 8k screens, but they still provide the same basic functionality as a 1080p screen would.

IoT doesn't. It opens up entirely new horizons for you, detecting changing conditions and reacting quickly. IoT isn't just for consumers. It's also helping big industries including manufacturing and shipping, making their work process smooth and increasing their efficiency.

The smartphone market, for instance, has reached significant milestones. Statistics say that over a billion smartphones were sold back in 2014. Today, everyone around you has a smartphone. The internet of things is following a similar trend. As the cost of IoT-enabled devices will go lower, you will have more takers.

In the next two decades, our daily life is going to get a lot simpler, thanks to IoT. Everything is connected, including shopping, which will translate into smarter experiences. No more traffic jams, no more searching for items in the grocery store and realizing that you forgot that one ingredient you needed to make dinner. Experts believe that there will be over 20-30 million connected devices, by the end of next year.

You might be wondering, how do IoT enabled devices use the massive amount of data and how can we put this data to our benefit?

IoT is a common platform for all these where all enabled devices will dump their data. The common language helps the devices communicate with each other, a reason marketers can use the data to gain better insights into their audience.

IoT is redefining our lifestyle and transforming the way we interact with technology. Business insider intelligence estimates that in 2020, IDC will install 24 billion IoT devices. The IoT revenue will reach $357 billion by the end of this year, resulting in more job opportunities in the IT industry.

PrintPen

PrintPen is a portable printer that can print on any surface and any material. The single- button efficiency allows you to create graffiti or wall art, make a collage coffee-mug, DIY a pillow or even sort out daily paperwork.

PrintPen allows you to print on any material including textile, paper, ceramics, metal, wood, leather and even skin! Order yours today at https://bit.ly/2rdjlQj

NEOLORE NETWORKS INC.

www.neolore.com
2781 Lancaster Rd, Ottawa, ON K1B 1A7
(613) 594-9199 | info@neolore.com

PAGE 1

Software Tools that Boost the Productivity of Employees

Productive employees are an integral part of having a successful company. But sometimes it can be difficult to know if an employee is living up to their potential. Doing normal everyday tasks can take up more time than you may think.

Here are 5 tools that can help boost employee productivity.

Trello

Anyone within marketing, operations, and sales can collaborate productively with this product. Trello works exceedingly well across various platforms and has more than 100 integrations with Google Drive.

Trello's prominent features include swift set up and ease of use.

The interface encompasses assignments, due dates, file storage, and much more.

slack

Slack is the ideal team collaboration software that enhances communications within teams. Its top features include setting up reminders, chats, and team/group correspondence.

Fleep

This software acts as a flexible messenger that easily integrates with email and allows you to store and share your files. With Fleep, you can reach anyone on any

device. Also, all the data is stored in one place so you can keep track of it very easily.

Skype

This is a very popular software that allows effective communication with your employees over voice calls. You can also easily share photos and messages in real-time.

paymo

This application takes away the hassle of planning, task management, and scheduling. You can also track your time spent on projects and tasks via Paymo.

5 Ways for Small Businesses to be Safe from Cyber Threats

If you own a small business, use these following methods to ensure its safety against cyber threats.

- Provide a barrier between your data and cyber hackers. A firewall is the first line of defense in the incidence of a cyber attack. Small organizations should install external and internal firewalls on their network to safeguard themselves against cyber threats.

- Small businesses need to educate their employees about their organization's cybersecurity policies. Severe action should be taken against employees who do not adhere to these policies.

- Most of the cyber breaches occur due to weak, lost, or stolen passwords. Businesses should use strong passwords to protect their company's networks (Strong passwords include an assortment of uppercase letters, lower case letters, numbers, and symbols).

- Regardless of how many precautions you take, there is still a possibility of becoming a victim of a cyber attack. That is why it is important to back up all your data regularly.

- By installing anti-malware software in all the devices on the company's network, a small business can considerably reduce the chances of falling prey to a cyber attack.

5G Internet Is Not Going to be Everywhere Just Yet

Although a lot of time has passed since the official announcement of the introduction of 5G internet technology, most of the cities worldwide will have to wait until 2020 to enjoy 5G internet connectivity. Compared to 4G frequencies, 5G frequencies will need multiple output and input antennas to enhance the signal. Deployment of infrastructures worldwide that will support these 5G frequencies requires more time.

Moreover, most countries do not manufacture phones that can handle several frequencies at the same time. This obstacle is preventing the quick deployment of 5G internet technology all over the world. To summarize, there is no point in holding your breath if you are waiting for the rolling out of 5G internet connectivity worldwide.

Use Your Spacebar for Scrolling on Web-Pages

All web-pages are built in a page-by-page format, so if you're on your browser, hitting the **Spacebar** once scrolls you *down* to the next page/screen.

Alternatively, **Shift + Spacebar** will scroll you *up* one page/screen.

This tip works with all the popular browsers – Chrome, Internet Explorer, Firefox, Safari, Opera.

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

The end of Windows 7 is here! On 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.

Windows 7
JANUARY 14 2020

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

www.neolore.com
2781 Lancaster Rd, Ottawa, ON K1B 1A7
(613) 594-9199 | info@neolore.com

NEOLORE
NETWORKS INC.

PAGE 2