

SECOND

PCS
TechNewsQUARTER
2020

the

NEWEST

MEMBER of the
TEAM

PCS is excited to introduce Dan Ellison as the newest member of the PCS team! Dan graduated from West Virginia Junior College in 2005 with a degree in Information Technology where he worked as an instructor /technician for the next 12 years.

Dan is experienced in hardware, software, networking, and server administration.

In his spare time Dan enjoys hunting, fishing, camping and spending time with his wife and five children.

RECYCLE
ELECTRONICS
RECYCLE
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ELECTRONICS



2019 RECYCLING SUMMARY FOR PITTSBURGH COMPUTER SOLUTIONS

Item	2019 Pounds	2018 Pounds
Electronics Peripherals, PCs, TVs, Laptops CPUs, Appliances, etc.	2,783	3,002
Light Bulbs	0	0
Cardboard & Paper	0	0
Furniture	0	0
TOTAL	2,783	3,002

Impact of Your Recycled Pounds



434
Trees Planted



1
Cars not Driven
for One Year



0
Metric Tons
of Water
Emission Savings



6,364
Pounds of
Gas Reduction



7
Barrels of
Oil Saved



\$716
Environmental
Cost Saving

When e-waste is tossed into landfills, these chemicals leach into the soil, polluting the ground water as well as the air.

Electronics are made of components that contain valuable raw materials. Reusing old devices prevents e-waste by keeping it out of landfills. It also saves the resources used to recycle them.

DATA DEST RUCTION ON



Data Destruction - Not Just For Computers Anymore

When we think about data destruction, we usually think of shredding or wiping hard drives that came from laptops, desktops, or servers. But more and more devices contain storage devices that may hold just as much sensitive data as our computers do.

For example, most cars now contain computers that record things like our driving habits, our work and home locations, and information gleaned from our smartphones. Even something as innocuous as pairing our phone with a rental car's stereo system can result in our contact list being copied to the car's computer, where it could remain indefinitely.

In one recent incident, several Tesla computer modules purchased on eBay were found to contain gigabytes of personal information, including addresses, Wi-Fi passwords, and even Netflix login information. An investigative report revealed that these modules

were found in a dumpster outside a Tesla corporate-owned repair shop, and that employees had been instructed to simply hit the modules with a hammer in an effort to destroy their data.

So if your car leaves your possession for any reason, including selling, trading-in, or returning a lease, be sure that you've used its reset function and verified that your personal information has been deleted. And if any of the "smart" components of your car are serviced or replaced, verify that the dealer or service provider has a plan to securely dispose of them. If not, ask for the parts back and take care of it yourself.

CyberCrunch is also ready to help you destroy data wherever it may be found -- including computers, smartphones, office equipment, and yes, even car computers.

CyberCrunch HQ 1628 Roseytown Road Unit 9
Greensburg, PA 15601 724-241-8369





On-premise

Your phone system is at your location and you are responsible for installing and maintaining.

Cloud-based

Your phone system resides in the cloud using your Internet connection with no on-premise hardware or software to install or maintain, except for phones.

Costs for On-premise

- Up to 40% more costly than cloud-based, requiring cabling, hardware, closet space, electricity, and cooling
- Pay in advance for planned growth
- Multiple locations require multiple phone systems
- Pay for all upgrades and maintenance

Installation

- Time-intensive setup, requiring the installation of significant hardware

Cost for cloud-based

- No hardware costs except the phones themselves
- Pay only for what you need & use. Scale up or down on demand.
- Multiple locations are supported by one phone system in the cloud
- Most features and upgrades are included in cost

Installation

- Quick and easy setup and installation due to minimal hardware deployment
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On-premise

Scalability

- Harder to scale, requiring thorough planning (and detailed, accurate forecasting)
- Takes weeks or months to add or delete phone lines

Maintenance

- Requires an IT specialist to manage and make changes

Upgrading Features

- Time to market varies
- Upgrades require manual updates from an IT specialist

Mobility

- Implementing mobile compatibility is extremely complex and expensive, making it more difficult to accommodate a mobile workforce

Disaster Recovery

- Redundancy is possible, but costly
- Recovery is typically slower, negatively impacting customer experience
- Geo-redundancy, while possible, requires double the space, hardware, software, and capital

Cloud-based

- Scales to your needs as you grow, using exactly what you need, when you need it
- Phone lines can be added or deleted in a matter of minutes

- Other than phones, no maintenance required

- Time to market is immediate
- All upgrades are made available automatically through the cloud

- Anyone can connect from multiple devices with an Internet connection, making it easy to extend to a remote workforce

- Built-in failover in the event of Internet or power loss
- Calls automatically rerouted to other data centers so customer experience is not affected
- Geo-redundancy is built-in, with no need for a capital outlay for space, hardware, or software

How to Switch

Interested in switching to Pittsburgh Computer Solutions? Call 724-942-1337 to receive a customized quote detailing the benefits of utilizing our innovative products and services. When you're ready, we'll install your new phone system with ZERO downtime, so you can get back to business.



If you get really good at morning routines, you'll experience a huge shift in your life. In reality, with a solid morning routine, you could quickly become "successful" at whatever it is you want to do.

With an amazing morning routine, you start to live your life on purpose. You stop living by default. You start meditating, visualizing, and strategically planning out your goals. You then begin living your days on a higher plane of activity and attitude.

You begin to see success more because you tune your brain in to notice things you couldn't see before. Your eyes can only see what your brain is looking for. Hence, most people's brains are far less effective than they could be because their brain is simply on autopilot, responding to whatever is happening in their environment.

The reverse of this is to spend your downtime, which is usually in your evening, taking 10 minutes to decide what you're going to do the next morning and putting everything in place. It's really that simple.



Your mobile device can be one of the most unsanitary items you touch. If you touch your phone after touching a public door handle or grocery cart, you may immediately think to clean it with rubbing alcohol. Don't. Straight alcohol can strip the oleophobic and hydrophobic coatings that keep oil and water from damaging your display and other ports.

The best way to sanitize a mobile device (cell phones, tablets, etc.) is to use a soft cloth with 70 percent rubbing alcohol. Power down your device, wet a microfiber towel with rubbing alcohol and wipe down the entire device. Allow the alcohol to dry (takes a few seconds) and turn the device back on.

Another safe bet is to use disinfectant wipes that contain 70% isopropyl alcohol to clean your phone screen. Make sure they are not

dripping wet. Using bleach or other chemicals as they can damage your device is not recommended. This same method can be used on your computer's keyboards and mice.

You want to kill viruses and bacteria without doing harm or voiding your phone or device warranty. Do not use a prohibited cleaner or do not spray anything directly on the device.

Take it a step further and use a UV phone sanitizing case that won't damage the device but will eradicate bacteria and viruses, so long as you use the sanitizing hardware properly and regularly.

[PhoneSoap](#) is one such product that kills 99.99% of the germs on your devices.

Simply place your device directly into the PhoneSoap Wireless hub and charge and sanitize your phone. Includes both wireless and wire charging capabilities.