SDCUCI NEWS

Meetings are held monthly on the third Wednesday at 7.30 pm, in the hall at the rear of St Mary's Catholic Church on the Corner of Bains and Main South Roads, Morphett Vale

Cost $3.00 per person per meeting. This includes a copy of our Newsletter, plus coffee/tea and supper

Visitors are most welcome

After 3 visits, you are requested to become members

**Annual Subscription:
Single — $20.00
Family — $30.00**

Both Novice and Experienced computer users will be most warmly welcomed

The Brownpaddock Chatter

On this Day 19th May 2018

The wedding of Prince Harry and Meghan Markle was held on 19 May 2018 in St George's Chapel at Windsor Castle in the United Kingdom. The groom, Prince Harry, is a member of the British royal family; the bride, Meghan Markle, is American and previously worked as an actress, blogger and charity ambassador and advocate

Traditional Gift: Leather
Leather represents shelter and security for the third year, much like what a marriage and the home you build with each other symbolizes

Be Connected — Topic Library to Get You Started

When you connect to "Get Connected", almost the first thing you see is a request to tell them a little about yourself so they can create a :Learning Plan" just for you.

I have omitted listing the first three topics as they are very basic and I am sure you all are well beyond that. Listed below are the remainder of their current topics. Each topic has a brief introductory statement followed by a varying number of sub-topics. Using "safety first" as our example they look like this:

Safety First
Discover some of the essentials of cyber safety like how to create and remember strong passwords, spot common scams like phishing scams, safely download documents including PDF files, as well as run antivirus software.

| Safe passwords | Avoiding scams and tricks | Help and support |
| Paying safely online | Downloading and saving documents | |

Below is a list of all of the Topics as at the date of printing with the exception of the first three . New topics are added regularly. As with "Safety First" above, each topic has a number of additional sub tropics.

Safety first
More online skills
Connecting to others
All about data
All about Wi-Fi and mobile networks
Online hobbies
All about apps
Games Centre
All about Apple iPhones
All about Android phones
All about data

Wi-Fi and mobile networks
All about Android tablets
Windows desktop: Getting started
Windows laptop: Getting started
Apple laptop: Getting Started
Apple desktop: Getting started
Introduction to myGov
Internet banking
Introduction to buying and selling online
Social media apps
Introduction to smart homes

Most topics have no more than nine sub-topics.

Fix Pixelated Videos with Digital Video Repair

In most cases, the videos saved on your computer will not show any signs of problems. Eventually, one or more of your videos may become pixelated. However, here are several ways to fix pixelated videos on Windows 10. All of the options below, at least at the time of writing, are freely available.
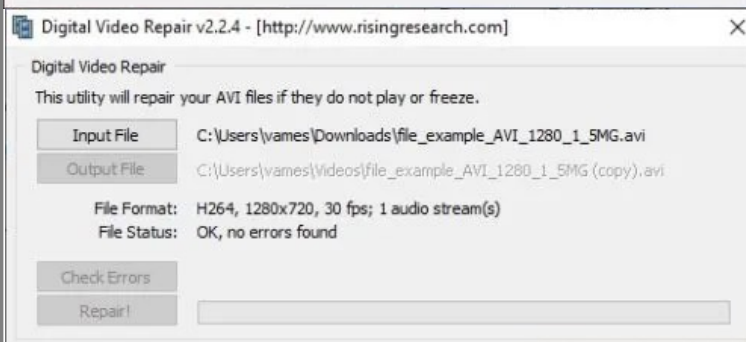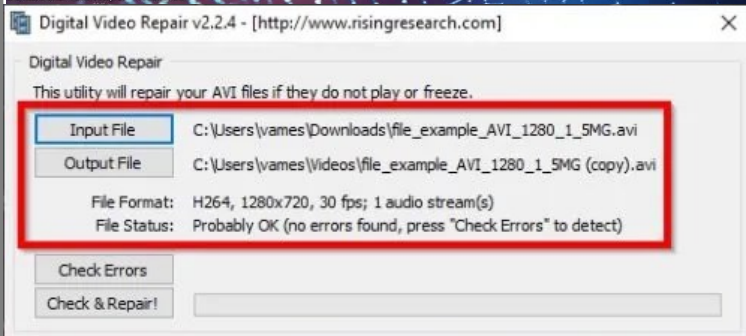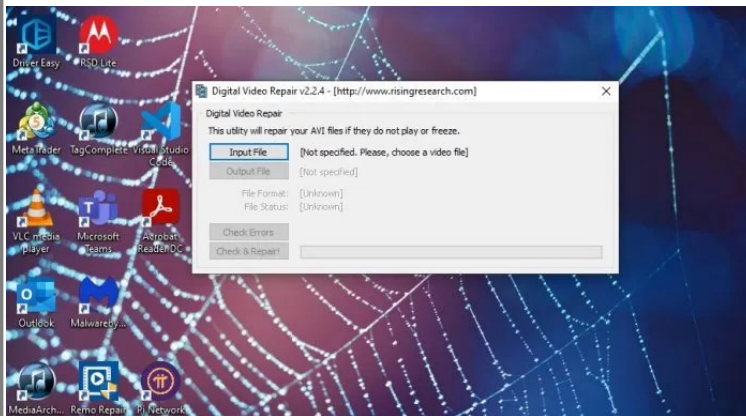
Digital Video Repair is one such tool. Unfortunately, it only supports AVI files encoded with MPEG4, DivX, Angel Potions, Xvid, and 3ivx.

Windows 10 Digital Video Repair

Download and install the free **Digital Repair** program. It is available for Windows 10 and older versions.

Input affected file

Once installed, add the video file you want to fix. Launch Digital Repair, then select **Input File** from the main menu.

Select the Output folder

Click on the **Output File**, then choose where you want to save the video once the problem is fixed.

Check for Errors

Click on **Check Errors** and wait for the tool to complete the checks.

Check & Repair

If you already know your video file is pixelated, then select the **Check & Repair** option. This will start **Digital Repair** checking the file for issues and automatically repairing it. The time to repair will depend on the size of the video. You can download **Digital Repair** from https://digital-video-repair.en.uptodown.com/windows/download/56551

Alternative methods to fix video pixelation

VLC Media Player: VLC is probably one of the best media players for
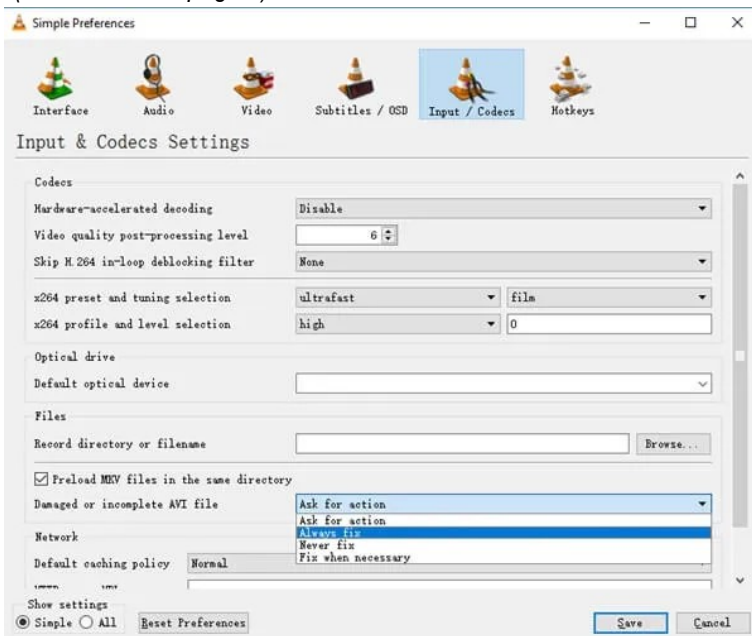
playing back music and video content. However, VLC Media Player has the added ability to fix minor problems in corrupt videos. Follow the steps below:

1. Make a copy of the original corrupt video file
2. Open **VLC Media Player** and click on **Tools** on the top
3. Select Preferences from the dropdown menu
4. Click **Input & Codecs**
5. Go to **Damaged or incomplete AVI file**
6. Select **Always fix** in the dropdown
7. Click **Save**.

MP4 Video Recovery Tool: Another great option we should mention is no other but MP4 Video Recovery Tool. Not only can it fix pixelated videos, but those that fail to play, displays error, and more. You must have the Java Runtime Environment software installed on your Windows 10 computer before installing this app. Download it from https://recoverit.wondershare.com/. Overall, these tools should be the only ones needed to fix your videos suffering from pixelation issues.

Why not register for

Be Connected

https://beconnected.esafety.gov.au/

Have a look at the article on page 2 of this issue. Or, better still, log on to the "Get Connected" site for some real information.

Raffle Prizes

The Club would love to receive any items suitable for raffle prizes. Currently, the Club purchases the monthly raffle prizes, and they cost more than they bring in. To keep the raffle going, we would welcome suitable donations.

Enable/Disable Recycle Bin "Delete Confirmation Box
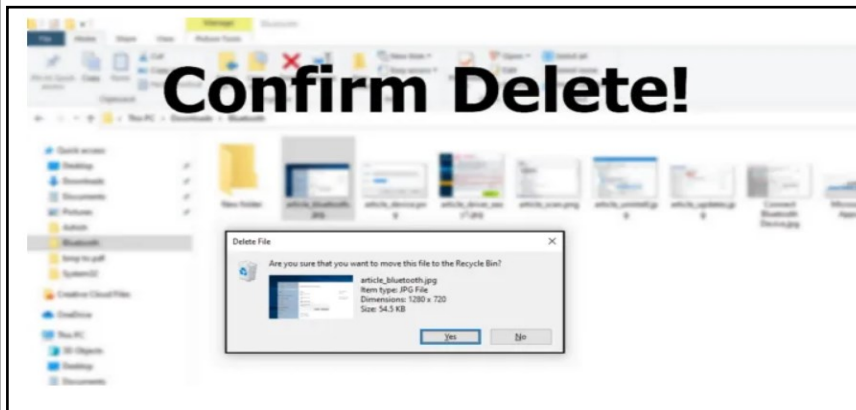
In Windows 10, the **Delete Confirmation Box** is enabled by default. Windows 8 users may have noticed that when you delete a file to the **Recycle Bin**, unlike in Windows 7 and earlier versions, the new **Win8** operating system no longer shows you the **Delete Confirmation Box**. This is because Microsoft found that most users preferred to turn off this delete warning. As a result, **it is turned off** by default.

You can enable the **Delete Confirmation Box** in Windows 10/8/7 in the manner described below .

Via Recycle Bin Properties

Right-click on the **Recycle Bin** and select **Properties**.

Check the **Display delete confirmation dialog** box and click on **Apply/OK**.

The next time you delete any file to the Recycle Bin, you will get the opportunity to renege and not delete the file. You will be asked "**Are you sure you want to move the folder/file to the Recycle Bin** box.

Why is the Windows System Drive Letter Always C?

Some of us have a laptop, and some have a desktop, but one thing common to all Windows computer systems is that the system hard drive on which the operating system is installed is always "**C**".

The Windows operating system always uses the default letter C for the primary hard drive, where all the programs are installed. If you have ever installed a new Windows operating system, you might have noticed that the default storage location for the System installation is the hard disk C. However, if you wish, you can change the installation location.

Have you ever wondered why Microsoft uses C as the default drive letter? Why do we never get a hard drive A or B on Windows by default? After all, A and B come before C!

The answer lies in the past, when hard drives had not been invented. Today, our hard drives provide plenty of storage space. This was not the case with the earlier computers, they had no built-in storage space. To resolve this, they used external storage media to store the program. That storage media was known as a **Floppy Disk** (pictured right).

Those computer users (including our President, Editor and a few other members) first used Floppy Disks to store their data and run their computers. Without Floppy Disks, the earlier computer systems could not be run. The Floppy Disk being the first hard drive to store the data and run the computer programs, was named **"A"** and was introduced by **IBM**.

The Floppy Disk had only 1.44 MB storage capacity. Upgraded technology gave users two slots for Floppy Disks on their computers. That new Floppy Disk was named **"B"**. The two disks gave users a little more storage space but not enough, and being external, could be stolen or damaged.

Due to the limitations of Floppy Disks, Hard Drives were soon invented with the first hard drive offering 5MB storage space to the users. The first hard drive, being invented after the two Floppy Disks A and B, it was named **"C"**.

Can you change the name of your Hard Disk C to A or B? This will depend on your computer system. If you do not have reserved storage space for Floppy Disks, you can rename any hard drive from A to Z.

Check this in **Disk Management**. If your computer has a reserved space for A and B, it will not show these two letters to rename a hard disk.

Microsoft Helps India in COVID-19 Response

The past few weeks have been the toughest for the resilient people of India, handling the second wave of the COVID-19 pandemic. Companies like Microsoft and Google are doing their best to assist India in its COVID-19 response.

In a "Microsoft On the Issues" blog post, Microsoft talked about several methods to keep the ongoing pandemic under control, working in contact with multiple non-profits and frontline organizations in the country. The blog post adds that the tech giant wanted to help the country that houses more than 11 of its team locations and hundreds of employees.

Most importantly, Microsoft is trying to tackle the real-time issue through crisis management team meetings, including professionals located in India and Redmond. These meetings look at how Microsoft can use its technology and industry experience to assist India in fighting the pandemic.

Here are some steps they are taking.
- A founding member of Global Task Force on Pandemic Response;
- Addressing the severe shortage of oxygen;
- Supporting nonprofits in India; and
- Providing critical technology and technical support.

Steps Microsoft has already taken include: Helping found the Global Task Force on Pandemic Response. The partnership will assist India with a supply of critical resources, including but not limited to oxygen and crucial medical assistance. The company has also enabled the CHRO India Action group, which works at a grassroots level.

More importantly, Microsoft is now addressing the problem of limited oxygen supply in India. It has purchased 1000 ventilators for hospitals there. With the help of multiple partnerships, the Redmond-based company has contributed 25,000 oxygen concentrators across the country.

Microsoft is also offering its best possible technology and technical support. Both Microsoft Teams and Microsoft Disaster Response Teams are made available so that the public organizations can boost their workflow.

On top of all these, the company will continue its supply of medical assistance resources. It has been an essential part of delivering PPE kits and other medical help to the workers in the frontline sector. The blog also mentions that Microsoft will keep extending its support in the coming weeks.

Security Issues Found in Dell Driver; Millions Affected

Dell has been manufacturing laptops, desktops, and enterprise-level devices for several decades. Throughout that period, the company has updated and released multiple hardware drivers. According to the latest cybersecurity reports, however, multiple vulnerabilities have been found in one of the standard Dell drivers.

Dell driver security vulnerabilities

Dell has been pushing this driver software for more than 12 years, and the vulnerabilities can potentially affect several millions of devices. The driver has been released to almost all devices since it has to do with the BIOS update process.

According to cybersecurity experts, the vulnerabilities vary in terms of risk. While some of them can be used for local elevation of privileges, others are the potential channels for Denial of Service. Collectively, the bugs are being called **CVE-2021-21551**.

However, Kasif Dekel, a security expert from the company SentinelOne, adds that the threat cannot be considered deadly. To make use of the vulnerability, an attacker must have access to a Dell computer in the first place. It means only an infected system is subject to any exploit using the CVE-2021-21551 flaw.

Nevertheless, talking in terms of numbers, especially given that any system could be compromised, the flaw can impact millions of desktops, laptops, tablet PCs, and other devices from Dell.

Kasif Dekel discovered the issue, and the crucial information regarding the exploit has been provided to Dell. However, the cybersecurity expert added that Dell is yet to pull the license of the problematic driver even though the company has prepared a security advisory. As a part of the advisory, Dell will develop and roll out a driver that does not entail the problem.

Since the process may take a while, an attacker could use the exploit. The expert who found the issue has not yet published complete information about the flaw. Instead, he has given Dell time till the 1st of June 2021 to deal with the matter. After that, Dekel may share a full proof-of-exploit.
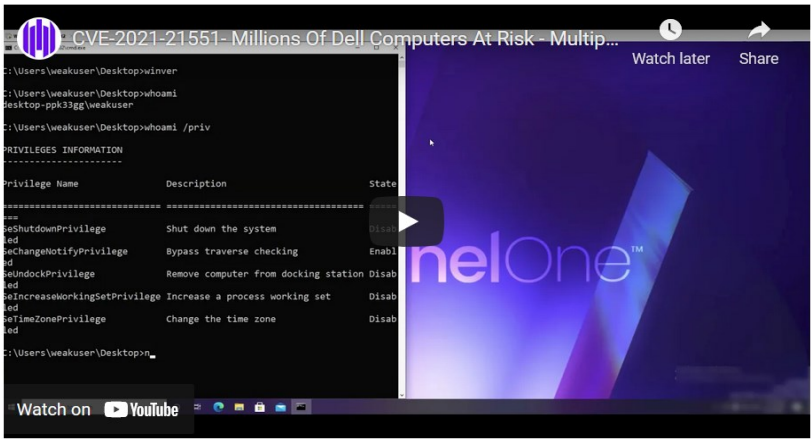
6 Key Security Findings and How to Use Them in 2021

There is no doubt, hackers and threats thrived and even evolved amid the global coronavirus pandemic. That is why Bitdefender is here: to protect you and to examine last year's threat statistics that give a fresh insight into what matters most for user's safety. Below are their key security findings.

- A 485% increase YoY in global ransomware reports. Cybercriminals added a new feature: double extortion. They raised pressure on victims to pay by threatening to publish the data they stole before encrypting it.

- Spammers got better and trickier. They used adequate jargon, legitimate logos and layouts, and even impersonated real figures, shifting from CONVID-themed spam messages to banking services, delivery services, and even travel services.

- More trojans after people's money. Banking trojans like Dridex, Emotet, Trickbot and AgentTesla were popular among cybercriminals in 2020. Some of them focused on individually collecting personal or financial data; others were used to deliver ransomware or additional trojans.

- A 320% increase YoY in global potentially unwanted applications reports. While these apps may not be harmful per se, they do have a reputation for slowing down and affecting many devices' performance as well as displaying aggressive ads.

- Android devices under attack. A 32% increase in reported Android threats during the second half of 2020 compared to the second half of 2019.

- More vulnerable devices in people's homes. Network-attached devices rank first in the number of identified vulnerabilities, followed by media players, smart TVs, IP cameras, computers, streaming devices, set top boxes and home theaters.

Editorial

Another franticly busy month preparing my new home. The really great news is that I have finally received confirmation that I have sold my current home — and for a little more than I was asking (which is always good) with settlement being on 8 July. I am looking forward to moving but I will seriously miss the wonderful views and, particularly, the spectacular sunsets as well as the ability to forecast how much longer I can work in the garden until it pours with rain.

I hope at least some of the snippets in this issue will be of interest. But, once again your silence is deafening, so I am flying (read writing) blind. You don't even let me know whether or not "Jest a Minute" tickles you.

At the suggestion of the Committee I am trying to find some interesting articles maybe not on computing but it is not easy. Would you like the odd recipe and if so what are your tastes? I could give you a couple of nice haggis recipes, but I am not sure that they are quite your scene

It is always pleasing to catching up with you all at our monthly meetings.

Jest a Minute

A distinguished young woman on a flight from Switzerland asked the priest beside her, "Father, may I ask a favour?"

"Of course. What may I do for you?"

"Well, I bought an expensive electronic hair dryer that is well over the Customs limits and I'm afraid they'll confiscate it. Is there any way you could carry it through Customs for me? Under your robes perhaps?"

"I would love to help you, dear, but I must warn you: I will not lie."

"With your honest face, Father, no one will question you."

When they got to Customs, she let the priest go ahead of her. The official asked, "Father, do you have anything to declare?" "From the top of my head down to my waist, I have nothing to declare."

The official thought this answer strange, so asked, "And what do you have to declare from your waist to the floor?" "I have a marvelous little instrument designed to be used on a woman, but which is, to date, unused."

Roaring with laughter, the official said, "Go ahead, Father! Next!"

— For Your Notes —

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Our June Members' Meeting

Following the article in the April issue of the SDCUCI NEWS on the use of Password Books, next month, it is proposed to examine the use of full-blown password managers .

MEETING RULES

We are allowed to use the facilities at the Hall at the rear of St Mary's Catholic Church, on the corner of Bains and Main South Roads, Morphett Vale in return for a small fee plus respect for their property. We ask for your co-operation in respect to the above.

Whilst we have no control over what our members do away from our Club meetings, piracy of copyright material cannot be condoned at our meetings. Please respect copyright laws at all times.

Disclaimer: The information herein is of a general nature. Always do your own research and seek advice before proceeding on information you don't understand.

IT & COMPUTERS

Shop 6, 76 Beach Road
Christies Beach 8186 2736
(Same block as Woolies on Beach Road)
Contact: Jamie or Ash
For all your computing needs
available locally

Need help with your computer?
Looking to purchase a new one?
Need additional peripherals?
Home site visits available !

Looking for excellent customer and after sales service?

New Computers
Repairs
Virus removal
New software & Upgrades

Peripheral units:
Wireless Keyboard Mouse
Sound Boards & Systems
External & Internal Hard Drives

Full Service Professional
Computer Repair
Home or Office
Networking

**Tell IT & Computers
you are from
S.D.C.U.C.I.**

**S.D.C.U.C.I can
recommend the
customer service
offered by
IT&Computers**