# Southern Districts Computer Users Club Inc

*Supporting inexperienced users with local expertise*


## November 2017

Vol. 17
No. 11



**Club Web Site http://sdcuci.com**
**Email Address: sdcucinc@gmail.com**


**MEETINGS are held on the third Wednesday of the month at 7.30 pm, in the Hall at the rear of St Mary's Catholic Church Morphett Vale. (Corner Bains Rd and Main South Rd)**

**Visitors most welcome**. After three visits, visitors will be requested to become members.

Cost $3 per person, which includes the Newsletter, plus coffee/ tea and biscuits. Subscriptions for twelve months Single $20. Family membership $30.

Novice and experienced computer users will be warmly welcomed

**December Meeting**

## *Christmas Dinner December 6th*

To be held here in the hall at the Catholic Church on Wednesday 6th December.
We will commence at 6.30 pm with nibbles and a complimentary drink followed by a 2 course dinner and finishing with tea or coffee and mince pies.

Come along and join us for this fun evening with entertainment by your committee.

The cost is $20 per person.
Please make a booking with Cheryl, (sdcucinc@gmail.com) our Treasurer, to reserve your setting.

Payment by the November club meeting would be appreciated so we know how many people we will be catering for.

Please Note
The December Meeting
(Christmas —Dinner) is on the First Wednesday of December, Dec 6

**Tonight's Topic**
**Wednesday 15th November, 2017**
**A look at Google Presenter: Lindsay Chuck**

# What Is an eSIM, and How Is It Different From a SIM Card?

With the launch of the Apple Watch 3, the term **"eSIM"** has been thrown around a lot. And now, Google's Pixel 2 is the first phone to use this new technology, it's time we take a closer look at what it is, what it does, and what this means for consumers moving forward.

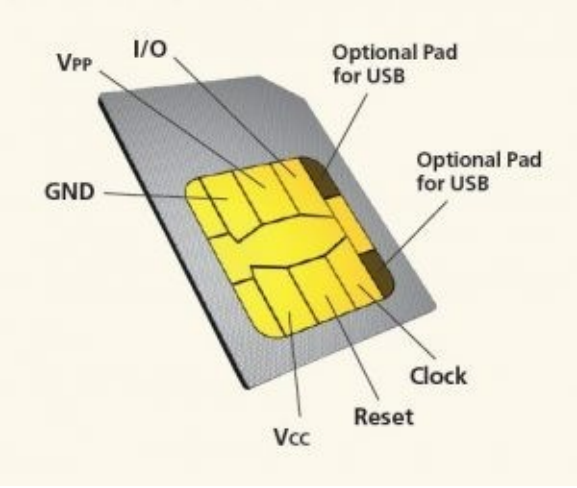
**What Are eSIMs, and How Do They Work?**

eSIM is a shortened version of *embedded* SIM, where SIM is an acronym for **Subscriber Identity Module**. So, an eSIM is an Embedded Subscriber Identity Module. I'm sure at this point we all have some idea of what a SIM card is—the little thing that allows your phone to connect to your cellular provider's network. When you buy a new phone, you pop out your SIM card, drop it into the new phone, and *poof!*—cellular service is a go.

That's going to change with **eSIM**, because as the "embedded" part of the name suggests, this is actually built into the phone's mainboard. It's rewritable, and will be compatible with all the major carriers, regardless of what type of network they use.

The Apple Watch 3 and Pixel aren't the only devices using **eSIM**s. Cars do too—we've all seen a connected car at this point, and you may have ever wondered where its SIM card is. The short answer is that it's using an eSIM. That's one application where it really just makes sense. Other manufacturers of connected devices—usually smart-home devices—are also using eSIMs. It just makes sense: it's less hassle for the customer, more connection options for the manufacturer. And for those types of applications, it really is a win-win. When we start talking about bringing this tech to smartphones, however, its gets a little fuzzier.

Like I mentioned earlier, right now when you want to switch phones, you pop your SIM card out and drop it in the new handset. With an eSIM, you'll have to actually talk to your carrier, which I personally think is a step backwards That said, there are other opportunities here—perhaps carriers will release connectivity apps that allows you to quickly activate your phone on their network. I'm not saying that's going to happen, but I am suggesting it's a legitimate possibility.




SIM is an acronym for Subscriber Identity Module.

# What Is an eSIM, and How Is It Different From a SIM Card?

The Benefits of eSIMs

That may sound inconvenient, but the benefits pretty strongly outweigh the cons (which we'll get into down below).

First off, since device manufacturers won't have to accommodate a SIM card slot in their phones, they'll have even more flexibility in terms of design. With the SIM card actually embedded into the device's internal hardware, bezels could theoretically shrink, phones could perhaps get slightly thinner without sacrificing battery, and a lot more. That's precisely why Apple chose to use an eSIM in the Watch 3—it makes so much sense in a small form factor device like a smartwatch.

Also, this could be a game changer for international travelers who have to swap SIM cards, services, or even carry more than one phone to stay connected. Instead of having to pop into a local cellular provider store to get a new SIM card when travelling abroad, imagine just being able to make a quick phone call and boom—coverage. All without having to jump through hoops or change phones.

**The Challenges of eSIMs**

There is a catch, though: adoption. Before we can make the leap over to eSIM, every major carrier is going to have to agree that eSIMs are the future. Then, phone manufacturers will have to follow suit. If you know how this industry works, those kind of things take time. But it starts with one carrier, which will then grow to two, and so forth. Like I mentioned earlier, Google's Pixel 2 is the first smartphone to use an eSIM, For all others, it still uses a traditional SIM.

And, as we mentioned before, switching phones can be a bit more time-consuming. You can swap your SIM card out in seconds, where the change to eSIMs will take longer to do the same thing. While I realize this won't affect most people, that's a real hassle for someone who may switch a SIM card for just a few minutes to test something on a specific phone.

Considering we've already seen two flagship devices—the Apple Watch 3 and Google Pixel 2—ship with eSIMs just this year, I have a feeling this little chip is about to get a lot bigger. More manufacturers will start including this in their handsets over the next year or so, and carriers will also begin adopting compatibility for their networks. We'll likely still see traditional SIM setups (at least on phones) for the next little while, but I have no doubt that eSIMs will eventually take over completely.

# *The Committee for 2017 / 2018*

## Results of Election of Committee members
## At the A.G.M. 18th October 2017

**Election of Officers and Committee:-**
Before declaring all re-electable positions vacant, the President Mr. Leddra gave a vote of thanks to all the committee members who had worked so well and consistently through the year.
Mrs. Rosenberg then took the chairman's gavel as Returning Officer and asked for nominations for the vacant positions.
7 written nominations had been received with no further nominations from the floor.

**1 Officers Seeking Re-election and new nominees:**

| Position | Nominee | Nominated by | Seconded by |
|---|---|---|---|
| **President** | **Lionel Leddra** | Cheryl McDonald | Anne Leddra |
| **Treasurer** | **Cheryl McDonald** | Lorraine Loader | Lindsay Chuck |
| **Committee Members** | **Lorraine Loader** | Linda Kirby | John Kirby |
| | **Linda Kirby** | Jo Berkin | Trevor Francis |
| | **Anne Leddra** | Jim Greenfield | Lionel Leddra |
| | **Jim Greenfield** | Kay Francis | Trevor Francis |
| | **David Porteous** | Lorraine Loader | Trevor Francis |

**Committee Members continuing for a further 12 months**

| | |
|---|---|
| **Vice President** | John Kirby |
| **Secretary** | Trevor Francis |
| **Committee** | Lindsay Chuck: |
| | June Harman: |
| | Dean Howard |

**Total 12 committee members for the Year 2017-2018.**

Southern Districts Computer Users Club Inc.
Committee 2017-18

Back L-R: Trevor Francis (Secretary): John Kirby (Vice President): Jim Greenfield:
June Harman: David Porteous: Cheryl McDonald (Treasurer): Anne Leddra.
Front L-R: Lindsay Chuck: Linda Kirby: Dean Howard:
Lorraine Loader: Lionel Leddra (President).

## The History of Cellular Phones

In 1947, researchers looked at crude mobile (car) phones and realized that by using small cells with frequency reuse they could increase the traffic capacity of mobile phones substantially. However, the technology to do so at the time was nonexistent.

Then there's the issue of regulation. A cell phone is a type of two-way radio and anything to do with broadcasting and sending a radio or television message out over the airwaves is under the authority of Federal Communications Commission (FCC) regulation.

In 1947, AT&T proposed that the FCC allocate a large number of radio-spectrum frequencies so that widespread mobile telephone service would become feasible, which would also give AT&T an incentive to research the new technology.

The agency's response? The FCC decided to limit the amount of frequencies available. They only made twenty-three phone conversations possible simultaneously in the same service area and gone was the market incentive for research. In a way, we can partially blame the FCC for the gap between the initial concept of cellular service and its availability to the public.

It wasn't until 1968 that the FCC reconsidered its position, stating that "if the technology to build a better mobile service works, we will increase the frequencies allocation, freeing the airwaves for more mobile phones." With that, AT&T and Bell Labs proposes a cellular system to the FCC of many small, low-powered, broadcast towers, each covering a "cell" a few miles in radius and collectively covering a larger area.

Each tower would use only a few of the total frequencies allocated to the system. And as the phones traveled across the area, calls would be passed from tower to tower.

Dr. Martin Cooper, a former general manager for the systems division at Motorola, is considered the inventor of the first modern portable handset.

In fact, Cooper made the first call on a portable cell phone in April 1973 to his rival, Joel Engel, who served as Bell Labs head of research. The phone was a prototype called the DynaTAC and weighed 28 ounces. Bell Laboratories had introduced the idea of cellular communications in 1947 with the police car technology, but it was Motorola that first incorporated the technology into portable device designed for use outside of automobiles.

By 1977, AT&T and Bell Labs had constructed a prototype cellular system. A year later, public trials of the new system were held in Chicago with over 2,000 customers. In 1979, in a separate venture, the first commercial cellular telephone system began operation in Tokyo. In 1981, Motorola and American Radio telephone started a second U.S. cellular radio-telephone system test in the Washington/Baltimore area. And by 1982, the slow-moving FCC finally authorized commercial cellular service for the USA.

So despite the incredible demand, it took cellular phone service many years to become commercially available in the United States. Consumer demand would soon outstrip the 1982 system standards and by 1987, cellular telephone subscribers exceeded one million with the airways becoming more and more crowded.

There are basically three ways of improving services. Regulators can increase frequencies allocation, existing cells can be split and the technology can be improved. The FCC did not want to handout any more bandwidth and building or splitting cells would have been expensive as well as add bulk to the network. So to stimulate the growth of new technology, the FCC declared in 1987 that cellular licensees could employ alternative cellular technologies in the 800 MHz band. With that, the cellular industry began to research new transmission technology as an alternative.

**PRESIDENTS REPORT 2016 - 2017**
**A.G.M**
*By the Yardbroom*

It gives me pleasure to once again present the Presidents Report for the year gone by. First and foremost, let me repeat something I have said in previous Presidents Reports. What a great committee we have. A wonderful group of clever and enthusiastic people that make things happen. I'll have more to say on this later in the evening.

Here is a reminder of some of the subjects covered at meetings during the year:

Preparation of personalised greeting cards
Update on the good, bad and ugly of Windows 10
Organising and locating files on the computer
Presentation by Inkjet City on the latest inkjet printers
Email options and use of Thunderbird
Trikes for special needs persons
YouTube expose
Presentation by IT&C on modern communication options
More on Thunderbird

When you are on a good thing, stick with it. In 2016 the club ran a successful sausage sizzle at Bunnings and in the process made a few dollars. This year we managed to successfully run two events, one that was planned and the other at short notice. In each case we were able to show a healthy profit as a reward for our efforts. Needless to say, the club is in a very sound financial position. Thank you to the folk who volunteered to assist.

The club continues to offer advice and assistance to members in the hour before each regular club meeting. This has proved popular and as a direct result the club has gained a few new members. The practice will continue.

I think there is general agreement that the direction of the club is changing. I would not go so far as to say "computers are out and hand-held devices are in". There is a time and place for both. However, the ongoing development and use of hand-held devices is quickly becoming the norm. The club recognises this and will change the emphasis of its direction to cater for the new age. Tablets, phones and apps are the buzzwords of today. We may as well embrace the change. Happy times are ahead!

It has been a good year for the club. Maybe not has hectic as some previous years, but, very satisfying. I look forward to next year with keen anticipation. Let's have some fun together!

Thank you

# O Canada

**I thank Anne and Lionel for this report on their trip to Canada**

Even the bum numbing 14-hour flights each way could not take the shine off a marvellous holiday.

Buchart Gardens on Vancouver Island was an awesome start. Every type of flower or tree that you can think of was there, beautifully landscaped. Very popular and with good reason.
The next 14 days were spent in spectacular mountains.

Denali National Park in Alaska provided a mix of green valleys and fast flowing rivers in amongst the snow-capped peaks. A flight around Denali (used to be called Mt McKinley – highest point in USA) showcased multiple peaks and glaciers overlooking colourful valleys. Expensive, but, wow!! The 7-day cruise through Glacier Bay and the Inside Passage exceeded all our expectations. We were blessed with unusually good, clear weather and got close enough to the glaciers, especially the Hubbard Glacier, to hear the creaking and cracking within the glaciers. The towns of Skagway, Juneau and Ketchikan each had interesting stories to tell.

We hired a car and drove from Vancouver to Jasper and then down the Ice Parkway to Lake Louise, Banff and Calgary. All picture postcard stuff. Once again, blessed with excellent weather, we experienced the Rocky Mountains at their best. The big Fairmont Hotels at Lake Louise and Banff were impressive and classy. A walk on the glacier at the Columbia Icefield was a memorable (and very cold, -16 deg C) experience.

We flew to Quebec City and the whole world changed. No more mountains. We may as well have been in Paris. Totally French. Full of history and great restaurants and lots of friendly people. Very interesting city. We trained to Toronto stopping for 2 days each in Montreal and Ottawa on the way. Each city had its own charm. All had heaps of historic and other interesting places to visit. A definite highlight in Montreal was a visit to the Notre-Dame Basilica of Montreal. Mind-blowing beauty inside. We stood in a queue to visit the CN Tower in Toronto but it was worth the wait. Fantastic views. Horrendous traffic though.

A day trip to the Niagara Falls was special too. Awesome volume of water moving over the falls. Very picturesque, heaps of people getting wet in the mist or taking photos. We did too. We did a private side trip to Chicago to visit friends and then steeled ourselves for the long trip home. It only took 10 days to overcome the jet lag. A memorable and fantastic holiday.

**Anne's holiday Lament**
As lots of people know I love my many cups of tea. A nice hot cup of black tea with a dash of milk will fix any problem.
For a tea-lover, traveling in North America is a nightmare. I had tea served with hot milk, cream and even "half and half", which I thought was skim but when tasted found it was half full cream milk and half cream!!!
I was offered all sorts of flavoured teas and even cold tea. Few hotels had tea bags and none had low fat milk.
Nothing daunted this tea lover who sailed forth to buy her own tea and found it very difficult to find a supermarket in the middle of town and when I found a convenience shop I could not buy a small box of tea bags or any sized box for that matter. One shop sold two bags stapled together for $1!!
I eventually resorted to pinching teabags wherever I could and stocked up with lots while on board ship and I even learnt how to make tea in a coffee machine in our own room. You have to remove the pod holder or filter to get hot water that does not taste of coffee.
Bliss is returning to Australia and getting home to a NICE cup of tea.

Guest Speaker
A.G.M.
18th October 2017

President Lionel Leddra welcomed the Mayor of the City of Onkaparinga – Mrs. Lorraine Rosenberg.
*"We are privileged to have Her Honour the Mayor of the City of Onkaparinga Mrs. Lorraine Rosenberg speak with us again this year."*

**Mayor of City of Onkaparinga Coucil and President of the SA Local Government Association**

## Mrs Rosenberg spoke as President of the SA Local Government Association (SALGA)

Each council has a representative (a council member) in the SALGA., Rural and metropolitan. Currently 68 members
Each state of Australia has its own Local Government Association. Once a year all LGA Presidents or Vice presidents attend a conference under the umbrella of the Australian Local Government Association.

The SALGA meets regularly to discuss matters to encourage better efficiency and effectiveness in the way Councils do their business. For example, there are two issues being dealt with within the SALGA. One is the redistribution of areas between Marion Council and Onkaparinga Council. Residents in the Darlington area are in the Onkaparinga council area. Population traffic from Darlington that travels south to shop at Colonnades or come to the local cinema at Noarlunga is almost non-existent. The Darlington residents tend to shop and visit entertainment areas in the Marion Council area. It makes sense to try to redistribute council boundaries to rectify this disparity. The other issue is the redefining of the number of wards within any council area. Recently Onkaparinga went through this process and has determined that the Council will reduce from 20 down to 12 councillors. This will mean some hard decisions.

At a state level, the SALGA discusses current legislative matters with the State Government and negotiates a fair and equitable distribution of state grants between the different council areas. Much discussion circles around the imbalance between rural councils and metro councils, in terms of area and road coverage versus population density.

At the yearly Australian Local Government Association (ALGA) conference, matters such as the distribution of GST and commonwealth grants are discussed to (hopefully) formulate a fair and equitable allocation to each state and then back to each state LGA to further discuss the distribution between various councils. The ALGA hosts over 700 persons in these discussions and includes the PM and ministers as well as each President of all the state LGA's.

Mrs Rosenberg was thanked and praised for her lively discussion that provoked many questions from club members.

## Foolish Tech Predictions

***"I think there is a world market for maybe five computers."***

***Thomas Watson, president of IBM, 1943***

At the dawn of the computer industry, nobody really knew where this new technology would take us. But the explosion of desktop computing that put a PC in nearly every American home within 70 years seems to have eluded the imagination of most mid-century futurists.

After all, when IBM's Thomas Watson said "computer," he meant "vacuum-tube-powered adding machine that's as big as a house." It's fair to say that few people ever wanted one of those, regardless of the size of their desk.




## Wise Folder Holder

http://www.wisecleaner.com/wise-folder-hider-free.html

Interesting free tool that hides files, folders and USB drives, so you can't see them in Windows Explorer or File Explorer, unless you use a password. Keep personal files, including, photos, and videos, safe from prying eyes. You can upgrade to a Pro version.

# Remembrance Day
# November 11th

McCrae's "In Flanders' Fields" remains to this day one of the most memorable war poems ever written. It is a lasting legacy of the terrible battle in the Ypres Salient in the spring of 1915.

**In Flanders' Fields**

In Flanders' Fields the poppies blow
Between the crosses, row on row,
That mark our place; and in the sky
The larks, still bravely singing, fly
Scarce heard amid the guns below.
We are the dead. Short days ago
We lived, felt dawn, saw sunset glow,
Loved, and were loved, and now we lie
In Flanders' Fields.
Take up our quarrel with the foe:
To you from failing hands we throw
The torch; be yours to hold it high.
If ye break faith with us who die
We shall not sleep, though poppies grow
In Flanders' Fields.

Col. McCrae was wounded in May 1918 and was taken to one of the big hospitals on the coast of France. On the third evening he was wheeled to the balcony of his room to look over the sea towards the cliffs of Dover. The verses were obviously in his mind, for he said to the doctor "Tell them, if ye break faith with us who die we shall not sleep." That same night Col. McCraedied. Each Remembrance Day the British Legion lays a wreath on his grave – a tribute to a great man whose thoughts were always for others.

# NOTES

**(Q). What starts with a P and ends with a E and has millions of letters.** (**A** )In December News Letter

Whenever I have a problem I just sing, and then I realise my voice is worse than my problem.

## MEETING RULES

We are allowed to use the facilities at the Hall at the rear of St Mary's Catholic Church Morphett Vale. (Corner Bains Road and Main South Road) in return of a small fee plus respect for their property. We ask for your co-operation in respect to the above. While we can not control what our members do away from our club meetings, Piracy of copyright material can not be condoned at our meetings.

# 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


**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**