

Sun City Computer Club

Windows SIG

February 25, 2020

**Questions, Comments, Suggestions welcomed at
any time**

Even Now

- Audio Recording of this session
- Audio Recording in Progress
- SIG attendees are required to be members of the chartered club sponsoring that SIG.
- Sun City Community Association By-law

- Your input is desired, needed, requested,
 - 2020 meeting schedule – Annex
- # SIG leader?
- Special Interest GROUP
 - NEW SIGN-IN March

Windows SIG news

RESIDENT HOME

My Profile

My Preferences

Account Statements

Resident Directory

My Neighborhood

My Memberships

CA CALENDAR

COMMUNITY
ASSOCIATION INFO

DEPARTMENTS &
HOURS

My Memberships

Year Eff	Exp	Type	Payment	Additional
2020 1/1	12/31	Full Membership	Paid in Full	
		Computer Club		
2020 1/1	12/31	Full Membership	Paid in Full	

- ☒ iDevices SIG
- ☒ Internet of Things
- ☒ First Time
- ☒ CyberSecurity
- ☒ Windows SIG
- ☒ Hearing Solutions SIG
- ☒ Malware Help
- ☒ DNA SIG
- ☒ Genealogy SIG
- ☒ VectorVest

Sign-in -> Check-in

- Windows 10X
- Can't boot this Server 2008 R2
- Can't shut this Win 7
- Can't shut this Win 10

Suggested



Still using Firefox?
Microsoft Edge is here

Windows News

- Snipping Tool -> Snip & Sketch
- CTRL-P

Windows News – Last Meeting

- 99 vulnerabilities
- 12 Critical
- Can't shut *Adobe*
- Can't boot *3rd party UEFI boot*
- Disappearing Profile & Files *KB4532693*
.000 .bak Rename or remove

Patch Tuesday



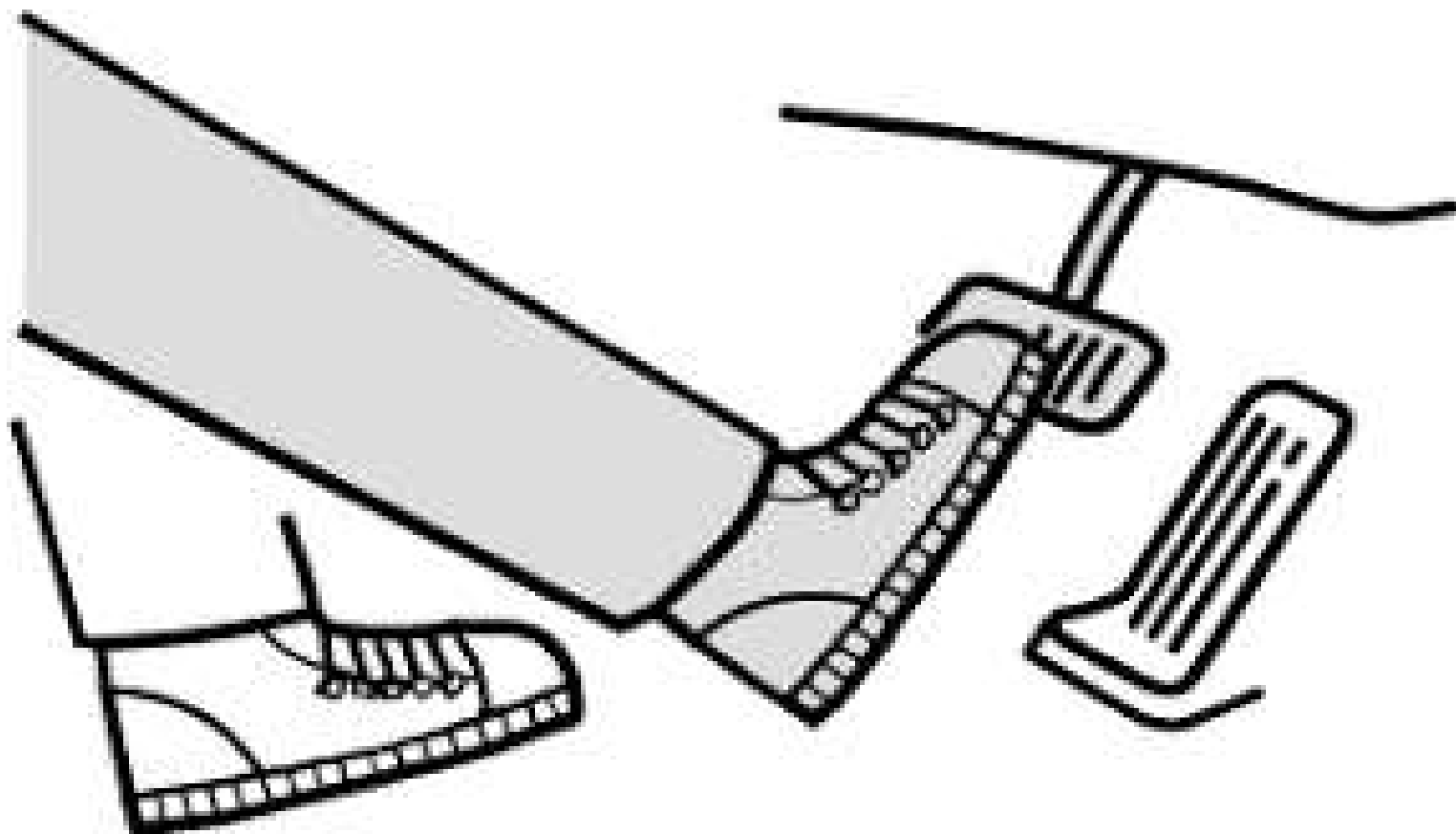
**The app you're trying to install isn't a
Microsoft-verified app**

Installing apps from the Store helps protect your PC
and keep it running smoothly.

[Get apps from Store](#)

Install anyway

[Change my app recommendation settings >](#)



- Batch punch cards, paper tape, toggle
 green bar printout, punch cards,...

Latency – hours

Mistake? – reload

User Interface





- Systems Application Architecture



Text based User Interface

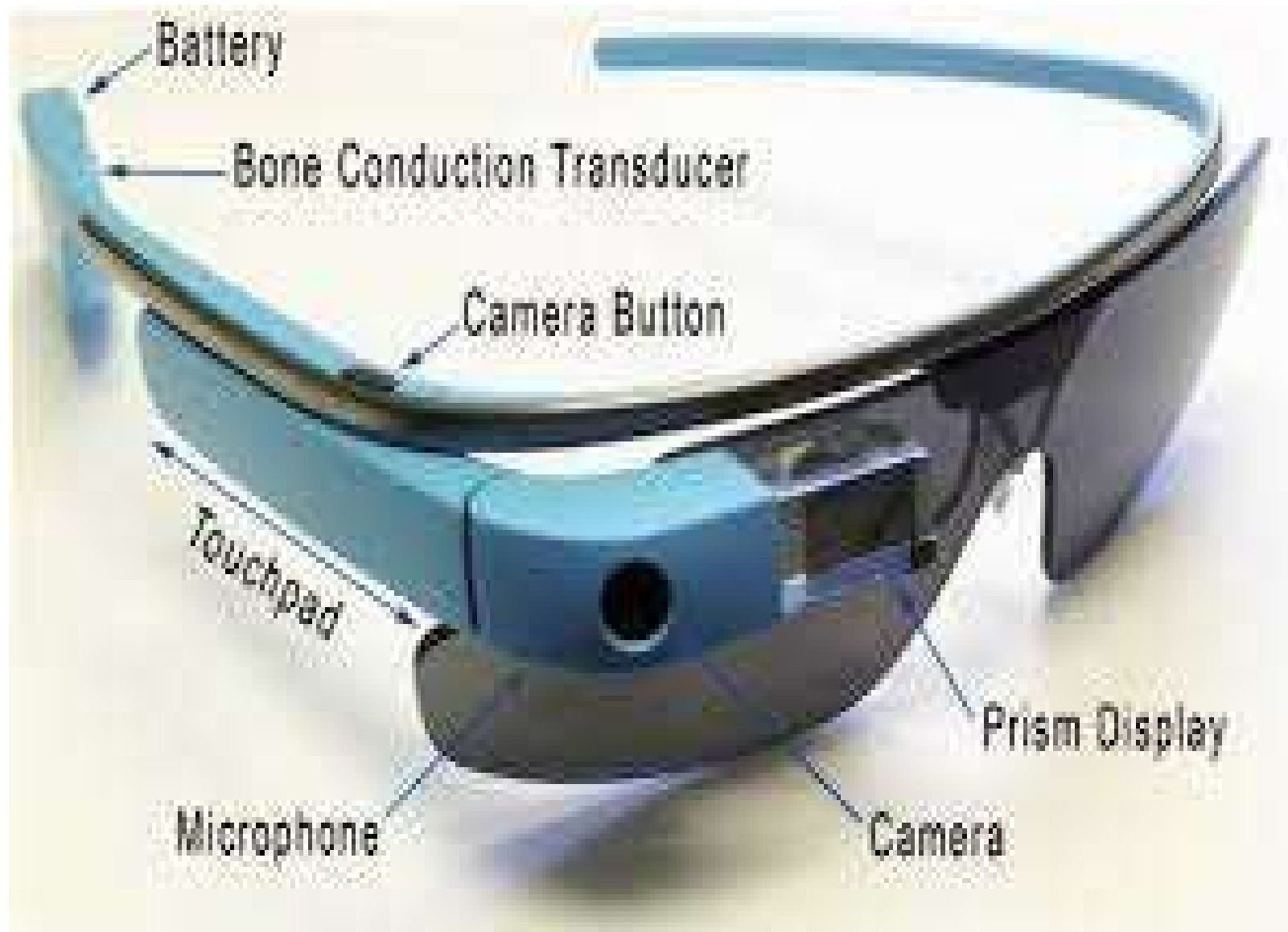
- WIMP Windows Icons Menus Pointers
- WYSIWIG What You See Is What you Get



And Then

- Scalable fonts
- Movable windows
- Overlapping Windows
- Multi-Tasking
- Visual -> Visual, Tactile, Auditory, Olfactory, Equilibrial, Gustatory, ...
- Conversational (Cortana)
- Gestures
- Holographic
- Touchscreens
- Pen stylus

And now



- Resize Windows, Icons, Text
- Adjust dark mode, colour, contrast

Accessibility

Ease of Access

Vision



Display



Cursor & pointer



Magnifier



Color filters



High contrast



Narrator

Display

Make your display easier to see.

Make text bigger

Sample text

Drag the slider until the sample text is easy to read, then click Apply

A



A

Apply

Make everything bigger

Change the size of apps and text on the main display

100% (Recommended)



[Change the size of apps and text on other displays](#)

[Change the size and color of your cursor and mouse pointer](#)

Make everything brighter

[Change brightness automatically or use night light](#)

Simplify and personalize Windows

Show animations in Windows



Show transparency in Windows



Automatically hide scroll bars in Windows



Show notifications for



Show desktop background image



[Personalize your background and other colors](#)

Cursor & pointer

Make pointer, cursor, and touch feedback easier to see.

Change pointer size and color

Change pointer size



Change pointer color



Make the cursor easier to see when typing

Change cursor thickness



Change touch feedback

Show visual feedback around the touch points when I touch the screen



☐ Make visual feedback for touch points darker and larger

Cursor & pointer

Magnifier

Use Magnifier to zoom in on parts of your display. Magnifier can run in full screen, in a separate window, or as a lens that follows your mouse pointer around the screen.

Use Magnifier

Turn on Magnifier



Off

Press the Windows logo key  + Plus (+) to turn on Magnifier.
Press the Windows logo key  + Esc to turn off Magnifier.

[Make everything on my computer bigger](#)

Change zoom level



Change zoom increments



Press the Windows logo key  + Plus (+) or Minus (-) to zoom in or out.

Or, press and hold Ctrl + Alt and rotate the wheel on your mouse to zoom in or out.

- ☐ Start Magnifier after sign-in
- ☐ Start Magnifier before sign-in for everyone
- ☐ Collapse Magnifier window to a floating transparent magnifying glass
- ☒ Smooth edges of images and text
- ☐ Invert colors

Press Ctrl + Alt + I to invert colors.

Magnifier part 1

Change Magnifier view

Choose a view

Full screen (Ctrl + Alt + F)



Press Ctrl + Alt + M to cycle through views.

Press Ctrl + Alt + Spacebar to temporarily show the entire screen when zoomed in.

Have Magnifier follow:



Mouse cursor



Keyboard focus



Text insertion point



Narrator cursor

Keep the mouse cursor

Within the edges of the screen



Magnifier Part 2

Color filters

☐ Allow the shortcut key to toggle filter on or off

Press the Windows logo key **⊞** + **Ctrl** + **C** to toggle filter on or off.

Select a color filter to see elements on the screen better.

☐ **Inverted** (reverse colors on the display)

☒ **Grayscale**

☐ **Grayscale inverted**

Or select a colorblindness filter to make the nine colors on the wheel more distinct.

☐ **Red-green** (green weak, deuteranopia)

☐ **Red-green** (red weak, protanopia)

☐ **Blue-yellow** (tritanopia)



Color filters

High contrast

Make text and apps easier to see by using more distinct colors.

Use high contrast

Turn on high contrast



Press left Alt + left Shift + Print Screen to turn high contrast on and off.

Choose a theme

High Contrast Black

Select a colored rectangle to customize high contrast colors



Apply

Cancel

High Contrast

Narrator

Narrator is a screen reader that describes what's on your screen so you can use that information to navigate your device. It can be controlled by keyboard, touch and mouse.

Narrator

Narrator

Narrator is a screen reader that describes what's on your screen so you can use that information to navigate your device. It can be controlled by keyboard, touch and mouse.

Use Narrator

Turn on Narrator



[Open Narrator Home](#)

[View the complete guide to Narrator online](#)

Start-up options



Allow the shortcut key to start Narrator

Press the Windows logo key  + Ctrl + Enter to turn Narrator on or off.



Start Narrator after sign-in for me



Start Narrator before sign-in for everyone



Show Narrator Home when Narrator starts



Minimize Narrator Home to the system tray

When this box is unchecked, Narrator Home will minimize to the taskbar.

Narrator page 1

Personalize Narrator's voice

Choose a voice

Microsoft David - English (United States) ▾

[Add more voices](#)

Change voice speed



Press the Narrator key + Plus (+) or Narrator + Minus (-) to change voice speed.

Change voice pitch



Change voice volume



Press the Narrator key + Ctrl + Plus (+) or Narrator + Ctrl + Minus (-) to change voice volume.

☒ Lower the volume of other apps when Narrator is speaking

Select where you hear Narrator's voice

Default Audio Device ▾

Change what you hear when reading and interacting

Change the level of detail Narrator provides about text and controls

3 - All control details ▾

Press the Narrator key + V to change how much detail Narrator provides about text and controls.

Narrator page 2

- ☐ Have Narrator's voice emphasize formatted text
- ☐ Hear phonetics as you read by character
- ☒ Have Narrator use punctuation to determine pauses when reading
- ☐ Hear advanced detail, like help text, on buttons and other controls

Change the level of context Narrator provides for buttons and other controls

2 - Immediate context

Adjust when Narrator provides details about buttons and other controls

Before controls

- ☒ Hear hints on how to interact with buttons and other controls
- ☒ Hear Narrator announce why an action can't be performed
- ☒ Hear audio cues when you perform actions

Change what you hear when typing

- ☒ Hear letters, numbers, and punctuation as you type
- ☒ Hear words as you type
- ☐ Hear function keys as you type
- ☐ Hear arrow, Tab, and other navigation keys as you type
- ☒ Hear when toggle keys like Caps lock and Num lock are turned on or off
- ☐ Hear Shift, Alt, and other modifier keys as you type

Narrator page 3

Change when you receive Caps lock warnings while typing

Always

Choose keyboard settings

Select keyboard layout

Standard

[Learn about the different Narrator keyboard layouts](#)

Select Narrator modifier key

Caps Lock or Insert

- ☐ Lock the Narrator key so I don't have to press it for each command
- ☐ On touch keyboards, activate keys when I lift my finger

[Create your own keyboard commands](#)

Use Narrator cursor

The Narrator cursor is where Narrator is focused on your screen.

- ☒ Show the Narrator cursor
- ☐ Move my cursor with the Narrator cursor as Narrator reads text
- ☒ Sync the Narrator cursor and system focus
- ☐ Read and interact with the screen using the mouse

Select the Narrator cursor navigation mode

Normal

Normal mode is recommended.

Narrator page 4

Use braille

To use your braille display with Narrator, you'll need to install software that lets your computer communicate with it. When you select the Download and install button below, you'll be installing the following software from BRLTTY and Liblouis:

[BRLTTY](#), distributed by the BRLTTY developers and licensed under the following terms: [GNU LGPLv2.1](#)

[Liblouis](#), distributed by the Liblouis team and licensed under the following terms: [GNU LGPLv2.1](#)

Download and install braille

Sync my settings

Use my current Narrator settings for anyone who signs in to my PC. After they sign in, they'll be able to edit their settings as needed. This is recommended if you want to use a serial braille display before sign-in.

Use current settings before sign-in

Help make Narrator better

To give feedback about Narrator, press the Narrator key + Alt + F.

Send additional diagnostic and performance data when you press the Narrator key + Alt + F. You'll need to restart Narrator after turning this on.

☐ Off

[Privacy statement](#)

Narrator page 5

Audio

Make your device easier to hear or use without sound.

Make your device easier to hear

Change device volume

🔊 ×  38 %

[Change the device or app volume](#)

[Change other sound settings](#)

Turn on mono audio

☐ Off

Mono audio combines left and right audio channels into one channel.

Show audio alerts visually

Select how visual alerts for notifications are displayed

No visual alert

Flash the title bar of the active window

Flash the active window

Flash the entire screen

Hearing Audio

Closed captions

Make your device easier to use without sound by displaying audio as text.

Preview

Use the dropdown menus to change how closed captions appear in Windows.



Change caption font

Caption color

Default



Caption transparency

Default



Caption style

Default



Caption size

Default



Caption effects

Default



Hearing Closed captions

Change caption background

Add a text background to improve contrast and make text easier to read.

Caption background color

Default



Caption background transparency

Default



Dim window content

Add a text background to improve contrast and make text easier to read.

Window color

Default



Window transparency

Default





Hearing Closed captions

Speech

Make your device easier to use if you have limited reach or strength.

Talk instead of type

Use dictation to make text entry easier.

Press the Windows logo key  + H to start dictation. On the touch keyboard, select the microphone  button.

[Get more info about dictation](#)

Use Cortana to get things done

Cortana is your digital assistant. She can help with things like setting reminders, opening apps, finding facts, and sending emails and text messages. The more you use Cortana, the more personalized your experience will be.

[Change how I talk to Cortana](#)

Cortana is only available in certain countries/regions, and some Cortana features might not be available everywhere.

[Get more info about Cortana](#)

Dictate text and control your device using only your voice

Turn on Speech Recognition

 Off

Speech Recognition is only available for the following languages: English (United States, United Kingdom, Canada, India, and Australia), French, German, Japanese, Mandarin (Chinese Simplified and Chinese Traditional) and Spanish.

Press the Windows logo key  + Ctrl + S to toggle Speech Recognition on or off.

Speech


Keyboard

Make it easier to type and use keyboard shortcuts.

Use your device without a physical keyboard

Use the On-Screen Keyboard

☐ Off

Press the Windows logo key  + Ctrl + O to turn the On-Screen Keyboard on or off.

Use Sticky Keys

Press one key at a time for keyboard shortcuts

☐ Off

☒ Allow the shortcut key to start Sticky Keys

Press the Shift key five times to turn Sticky Keys on or off

Use Toggle Keys

Play a sound whenever you press Caps Lock, Num Lock, or Scroll Lock

☐ Off

☒ Allow the shortcut key to start Toggle Keys

Press and hold the Num Lock key for five seconds to turn on Toggle Keys

Keyboard Page 1

Use Filter Keys

Ignore brief or repeated keystrokes and change keyboard repeat rates

☐ Off

☒ Allow the shortcut key to start Filter Keys

Press and hold the right Shift key for eight seconds to turn on Filter Keys

Change how keyboard shortcuts work

Underline access keys when available

☐ Off

Print Screen shortcut

Use the PrtScn button to open screen snipping

☒ On

Based on other app settings, you might need to restart your PC to see this change.

Make it easier to type

☒ Show a warning message when turning on Sticky Keys, Toggle Keys, or Filter Keys from the keyboard

☒ Make a sound when turning Sticky Keys, Toggle Keys, or Filter Keys on or off from the keyboard

[Change other typing options](#)

Keyboard page 2

Typing

Spelling

Autocorrect misspelled words

☒ On

Highlight misspelled words

☒ On

Typing

Show text suggestions as I type on the software keyboard

☒ On

Add a space after I choose a text suggestion

☒ On

Add a period after I double-tap the Spacebar

☒ On

How AI has helped you

[Typing insights](#)

Hardware keyboard

Text suggestions for the hardware keyboard aren't available in some languages

Show text suggestions as I type

☐ Off

Autocorrect misspelled words I type

☐ Off

Keyboard Other typing options

Mouse

Make it easier to see and control the mouse cursor.

Control your mouse with a keypad

Turn on Mouse Keys to use the numeric keypad to move the mouse pointer



Mouse

Eye control

Eye control lets you use eye tracking technology to control the mouse, type using an on screen keyboard, and communicate with people using text-to-speech.

Use eye control (preview)

To use eye control, connect a supported eye tracking device

[Get more info about eye control](#)

Eye control

Pen & Windows Ink

Handwriting

Font when using handwriting

Segoe UI



Some fonts aren't supported in all languages

☐ Write in the handwriting panel with your fingertip

Windows Ink Workspace

[Learn about Windows Ink](#)

Handwriting









Focus assist

Choose which notification you'd like to see and hear so you can stay focused. The rest will go straight to action center where you can see them any time.

- ☒ **Off**
Get all notifications from your apps and contacts.
- ☐ **Priority only**
See only selected notifications from the priority list. The rest will go straight to action center.
[Customize your priority list](#)
- ☐ **Alarms only**
Hide all notifications, except for alarms.

Automatic rules

Choose the times and activities when you don't want to be disturbed, and focus assist will turn on automatically.

-  **During these times**
11:00 PM - 7:00 AM; Priority only  Off
-  **When I'm duplicating my display**
Alarms only  On
-  **When I'm playing a game**
Priority only  Off
-  **When I'm using an app in full screen mode**
Alarms only  Off
- ☒ **Show me a summary of what I missed while focus assist was on**

Focus assist

Your phone

Text and see recent photos from your phone, right on your PC. Or if you're on your phone, send webpages straight to your PC.

Add your Android phone or iPhone below to get started.

Add a phone

Your phone

- Personalization Background, lock screen
- Gaming Game bar, Xbox, Graphic engines
- Languages, Time zones

A long way from ASR33

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate

