

Upgrading a PC with Window-Eyes to Windows 10 – Part 2

Introduction

Hello, I'm Marc Solomon with Ai Squared. After posting the Upgrading a PC with Window-Eyes to Windows 10 tutorial, I received a lot of requests to do a follow up tutorial that picked up where I left off. So, here we are. This tutorial will demonstrate how to successfully complete the Windows 10 upgrade process using Microsoft Narrator. It will also explain what additional steps need to be taken by those upgrading to Windows 10 from Windows 7 to ensure full Window-Eyes functionality.

For this demo, I will be using a virtual machine with 2 GB of RAM running Window-Eyes 9.2 and a 32-bit version of Windows 7 Home Premium. Please note that you need to have Window-Eyes 9.2 or later installed on your PC before upgrading to Windows 10.

Overview of Windows 10 Upgrade Process

Before getting started, I want to provide an overview of what you can expect from this point forward. The exact amount of time it will take to complete the upgrade depends on your computer's hardware and software configuration. It could take several hours so please make sure you have plenty of time allocated for the project.

Once you confirm your selections in the Windows 10 setup program and choose to install the upgrade, the computer will restart a few times. Window-Eyes will be unavailable during the rest of the upgrade process. In between restarts, a screen will be displayed with the status of the upgrade process. If you want to check the progress of the upgrade, you should be able to launch Microsoft Narrator with Windows Key+Enter and read the status information on the screen using Caps Lock+Left Arrow and Caps Lock+Right Arrow.

After the computer restarts for the second time, you will eventually reach a point where you can launch Microsoft Narrator and use it to access the remaining screens in the setup process. After completing the upgrade to Windows 10, Window-Eyes should already be installed and respect the startup options you had configured in the earlier version of Windows.

For those upgrading from Windows 8.1, there is nothing extra you need to do. If you are upgrading from Windows 7, you will need to run the Window-Eyes 9.2 installer again in Windows 10 to install the necessary accessibility driver.

Starting the Windows 10 Upgrade

Now let's move forward with upgrading to Windows 10. I am still running Windows 7 and have worked my way to the last screen of the Windows 10 setup.

[Screen reader says] Windows 10 Setup. Ready to install. You won't be to use your PC while Windows installs. Save and close your files before you begin. To recap, you've chosen to: Install Windows 10 Home, Keep personal files and apps. Default, Change what to keep button. Back, B, button. Default, Install, I, button.

On the last screen, I am presented with the options I have selected for the Windows 10 upgrade as well as a Back and Install button. I have chosen to keep all of my apps and personal files and this is the setting I would recommend if you want to preserve your existing data. I will Tab to the Install button and activate it with Spacebar to initiate the upgrade to Windows 10.

[Screen reader says] Tab. Back, B button. Tab. Install, I button, Space.

After activating the Install button, the Installing Windows 10 screen is now displayed. I can still use Window-Eyes at this stage in the upgrade. The computer is a bit slow to respond but I can Alt-Tab to the Windows 7 Desktop...

[Screen reader says] Desktop

and back to the Windows 10 setup screen.

[Screen reader says] Windows 10 Setup. Task switching window.

If I ask Window-Eyes to read the active window, with Control-Shift-W, it eventually reads the screen.

[Screen reader says] Installing Windows 10. Your PC will restart several times. This might take a while. 44 Complete. Default, Cancel, C, button.

The tutorial will resume once this step in the upgrade process gets closer to 100% complete.

The percentage complete has reached 100% and the Installing Windows 10 screen is now indicates that my PC will restart in a few moments.

[Screen reader says] Dialog. Windows 10 Setup. Installing Windows 10. Your PC will restart several times. This might take a while. Your PC will restart in a few moments. Default, Cancel, C, button.

[Screen reader says] Media Creation Tool, list view, 3 of 3. Desktop.

The computer is now restarting.

The computer has restarted for the first time. I am now presented with a black screen is displayed with the Windows 10 logo. I will patiently wait for the next step in the upgrade process.

[Copying files, Installing drivers and features, Configuring settings](#)

The Windows 10 logo screen has been replaced by the Upgrading Windows screen. Just below that title text, Upgrading Windows, is a piece of text that reads: "Your PC will restart several times. Sit back and relax." Below that is a circle that contains a percentage complete. Right now it reads, 23% complete. And, I believe that this percentage represents the total upgrade progress.

Below that circle, are three groups of text. The first reads, copying files followed by a percentage. Mine currently reads 79%. And, then the remaining two groups... Installing Features and Drivers and Configuring Settings. And, the way these three groups of text are displayed, it leads me to believe that these are the three phases or stages of the upgrade process now that we have restarted the PC for the first time. So, first it will copy files, then it will install features and drivers, and then it will allow us to configure our settings. In theory, you should be able to launch Narrator on this screen, by pressing

Windows Key+Enter, to review the status information. But, because I am using a virtual machine, that keystroke is not available to me. I will resume the tutorial, once we get closer to completing the copying files stage.

The Windows Upgrade just finished copying files and the computer restarted. I am now presented with the Windows 10 logo screen and a rotating circle of dots representing progress is being made. I will wait patiently for the Upgrading Windows screen to return.

The Upgrading Windows screen is now displayed again. And, the percentage complete is now up to 30%. And, below it is indicating that it is now installing features and drivers. I will give this process some time and will resume the demonstration and tutorial once this phase reaches completion.

The installing features phase has just completed. The computer is now restarting. Here is the Windows 10 logo screen. The progress wheel is spinning. Now, we flash back to the Upgrading Windows screen. The total percentage complete is now listed as 75%. And I am now in phase three, configuring settings. We will resume the tutorial once the configuring settings phase reaches closer to completion.

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We're back. The Upgrading Windows screen is still displayed. The total upgrade completion progress is listed at 91%, and under the Configuring Settings stage, our percentage complete is listed at 67%.

Total percentage complete is now up to 97% and we're 90% complete with configuring settings. It should just be a few more moments.

Percentage complete now listed as 99%. There is a bit of text that just got added underneath that that says getting ready.

And, then the last phase or stage, Configuring Settings, it's up to 96%. It should just be a few more moments.

[Using Narrator to Complete the Windows 10 Setup](#)

I have now reached a point in the Windows 10 upgrade process where I am being asked to enter my password. I will start Narrator using the keyboard shortcut Windows Key-Enter.

[screen reader says] Starting Narrator. Setup Windows pane. Password, password field, password.

I will enter in my password. This should be the same password you used to log into to your previous version of Windows.

[screen reader says] Hidden. Hidden. Hidden. Hidden. Hidden. Hidden. Hidden. Hidden. Hidden. Hidden.

I will now Tab to the Next button and activate it with Spacebar.

[screen reader says] I'm not Marc link, Alt+A.

[screen reader says] Ease of Access button.

[screen reader says] Next button, Alt+N. Space.

[screen reader says] Use Express settings button, updated.

The next screen allows me to configure many of my Windows 10 settings. For this demonstration, I will use the express settings option to expedite the setup process. If you want to have more control over your settings including your privacy settings, you can select the Customize settings link now or change them later using the Windows 10 Settings app. I will now Tab to the Use Express settings button and activate it with Spacebar.

[screen reader says] Change these at any time. Select Use Express settings to, group.

[screen reader says] Learn more, link, Alt+L.

[screen reader says] Customize settings, link, Alt+C.

[screen reader says] Ease of Access, button.

[screen reader says] Back, button, Alt+B.

[screen reader says] Use Express settings, button, Alt+E.

[screen reader says] Space.

[screen reader says] Next, button, updated.

The next screen provides information about new apps available in Windows 10 including Photos, Microsoft Edge, Music and Movies & TV. It also contains a Let me choose my default apps link. Since I want my default applications from my previous version of Windows to carry over to Windows 10, I am going to take a moment to use the provided link to keep my current defaults. I will now Tab to the Let me choose my default apps link and activate it with Enter.

[screen reader says] Let me choose my default apps, link.

[screen reader says] Enter.

On the resulting screen, I am presented with check boxes for each of the new Windows 10 apps. I will Tab to each check box and use Spacebar to uncheck it. Then I will Tab to the Next button and activate it with Spacebar.

[screen reader says] Ease of Access, button.

[screen reader says] Back, button, Alt+B.

[screen reader says] Next, button, Alt+N.

[screen reader says] Checked, Photos, check box.

[screen reader says] Unchecked.

[screen reader says] Checked, Microsoft Edge, check box.

[screen reader says] Unchecked.

[screen reader says] Checked, Music, check box.

[screen reader says] Unchecked.

[screen reader says] Checked, Movies TV, check box, Alt+Plus.

[screen reader says] Unchecked.

[screen reader says] Ease of Access, button.

[screen reader says] Back, button, Alt+B.

[screen reader says] Next, button, Alt+N.

[screen reader says] Getting your PC ready.

[screen reader says] This might take a few minutes.

[screen reader says] Don't turn off your PC.

During this final stage of the upgrade, Narrator provides a status announcement every 30 seconds.

Reinstalling Window-Eyes

Now that I have successfully completed the upgrade from Windows 7 to Windows 10, I am going to move forward with reinstalling Window-Eyes 9.2 which will load the necessary accessibility driver to ensure full Window-Eyes functionality. This step is not required if you upgraded from Windows 8.1.

Narrator is still turned on. I am going to exit Narrator with the keyboard shortcut, Windows Key+Enter.

[screen reader says] Exiting Narrator.

Now, that Narrator is off, I will launch Window-Eyes using the keyboard shortcut Control-Alt-W.

[screen reader says] Window-Eyes, custom control.

Next, I will open the Window-Eyes check for updates dialog. Navigate to the Window-Eyes Control Panel with Control-Backslash.

[screen reader says] Keyboard closed, 2 of 13, tree view, depth 1.

[screen reader says] Dialog, Window-Eyes, Active: Explorer.set, Associated: Explorer.set.

Then, open the Help menu with Alt-H.

[screen reader says] H. Help, H, pull down. Documentation, D, pull down.

Down Arrow to Check for updates and press Enter to select it.

[screen reader says] Remote Assistance, R, pull down.

[screen reader says] Speech and Braille Recovery, S, pull...

[screen reader says] Tip of the Day, T.

[screen reader says] Error Reporting, E.

[screen reader says] Show Advanced Options, V, checked.

[screen reader says] Check for Updates, C, dialog.

[screen reader says] Dialog, Check for Updates. Check for Updates. Close, System, Alt-Space. Update Information. You are using Window-Eyes 9.2.1.0, the most current version. Download Window-Eyes 9.2.0.0. Visit Update Website. Ignore updates for version 9.2.2.0, disabled, unchecked. Close.

I am going to Tab to the Download Window-Eyes 9.2 link and then I will press Enter to Activate it.

[screen reader says] Link Download Window-Eyes 9.2.0.0.

[screen reader says] Progressing. Generating update, please wait. Full stop.

The Window-Eyes 9.2 upgrade installer is now being downloaded to my computer. Once the file is downloaded, it will run automatically. This might take a few minutes.

The file has been downloaded. I just received a User Account Control prompt asking me if I want to allow Window-Eyes to make changes to my computer. I will press Alt+Y to activate the Yes button.

[screen reader says] Cancel button.

[screen reader says] Yes, Y, button.

[screen reader says] Window-Eyes Upgrade. Close disabled. This setup will upgrade existing installations of Window-Eyes version 8.0 or newer. Do you wish to continue with the upgrade? Yes, Alt+Y, No, Alt+N.

I will activate the Yes button which is the currently focused button, by pressing the Spacebar.

[screen reader says] Space.

[screen reader says] Window-Eyes, Performance, Reliability and Stability, read-only edit. Dialog, Window-Eyes 9.2 Setup.

I am going to navigate to the Yes button with Tab and activate it with Spacebar to proceed with the Window-Eyes 9.2 upgrade installation. It will take a minute or two for all of the files to get copied to my computer. Once all the files are copied, I will receive a prompt to restart the computer.

[screen reader says] Back, B, button. Yes, Y, button. Space. Window-Eyes 9.2 Setup.

[screen reader says] Dialog, Copying files. Copying Files. Close. Setup Status. Window-Eyes is configuring your new software installation.

[screen reader says] Window-Eyes 9.2 Setup.

[screen reader says] Restart Computer Now, R, button.

[screen reader says] Dialog, Upgrade Complete. Upgrade Complete. Thank you for choosing Ai Squared and Window-Eyes. Your Window-Eyes upgrade is now complete. Before you can use the new copy of Window-Eyes, you must restart your computer. If you wish to restart your computer now, please select

the restart computer button. If you wish to restart later, please select the restart later button. If you have any questions or comments, please contact our technical support department. Restart Computer Now, Alt+R, Restart Computer Later, Alt+L, Cancel, Alt+C.

I will activate the Restart the Computer Now button, which is the currently focused button, by pressing the Spacebar.

[screen reader says] Space.

The computer is now restarting.

[screen reader says] Window-Eyes. Windows sign in. Windows sign in window.

After restarting the computer, I am presented with the Windows 10 lock screen. I will press Enter to clear the lock screen and access the sign in screen.

[screen reader says] Password, secure edit.

I will type my password into the password field and press Enter to sign in.

[screen reader says] Star. Star. Star. Star. Star. Star. Star. Star. Star.

Once Window-Eyes loads at the Desktop, it should install the default apps to finalize the upgrade and installation.

[screen reader says] Window-Eyes, installing default apps, please wait.

[screen reader says] App installation complete. Taskbar. Desktop.

Now we should be all set to explore Windows 10 with Window-Eyes. I will open up the new Start menu by pressing the Windows key.

[screen reader says] Cortana.

This concludes the Upgrading a PC with Window-Eyes to Windows 10 tutorial.

Conclusion

Thanks for checking out this tutorial from Ai Squared. For more information about our products and services, visit us online at www.aisquared.com or give us a call at 802-362-3612. You can follow us on Twitter, our handle is @aisquared and you can like us on Facebook, facebook.com/aisquared.