

Surviving Win10  
EFI -- www.ufiservingscience.com  
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Our understanding is that Windows 10 (trademarked by Microsoft) is now found on approximately 25% of the computers *in the world*. EFI software will run under this new operating system, and we will continue to support that. We don't claim to know everything, or even much, about this new operating system. We would like to make some observations however, centered around the following topics:

1. If you wake up to Win10 (EFI Software)
2. The roll-out was NOT customer friendly
3. Surviving Win10 (Now What ?)

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1. If you wake up one morning to Win10...

If win10 gets forced on your computer, the 'upgrade' to Win10 will probably not affect the EFI software. But it probably WILL ERASE the USB drivers that allow the EFI software to communicate with the EFI device, and the software may no longer be able to 'find' or 'locate' the EFI device! If this happens, you will probably need to reinstall these USB drivers before your EFI software can again find the EFI device. The instructions for your EFI device should explain how to do this. We have also written an extensive USB Tech Article that can help you get this fixed. Go to the Literature page on our web site, then scroll down and find the 'New USB Tech Article' link and click that to bring up the article.

2. In our admittedly limited view, *many* computer users have been trampled by the 'roll-out' of this new operating system.

- a. We wrote this during the free adoption period:

*This latest, much hyped operating system is being forced on PC users.*

*And we will not go into how preparations for this new OS have repeatedly bricked our WORK computers, as it shoved all other processes aside to download bits and pieces of an OS we don't want, and will never install on our machines. Our small company can't afford to just sit and wait for the OS to finally give us our compys back (Resource Monitor >> gwx.exe >> suspend ++ disconnect from network unless needed).*

*Still, the notices that pop up for this latest OS version, while including enticing, misleading words, have still been mostly benign, campaign-like promises aside. Not any more... From what we can tell, this new OS is now picking a time to update your computer (behind your back), hoping you will NOT carefully read the note, and just quickly close it. You may one day soon wake up to a totally new operating system... They promise you can 'go back' to your old OS if you want, but even one OS change risks your data, your applications...*

*Preying on carelessness, or a lack of understanding, hoping your customers will be 'looking the other way' while you force what you want on what they have come to depend on... Taking advantage of your customers like this is unconscionable...*

*Previous versions of this OS have come with a significant price tag. There HAS to be a reason they are now giving it away, forcing it down our throat. And, from what we can tell, the only thing that has changed in recent versions of the OS is the trivial 'presentation layer' part of the OS code, so it is certainly not that. Well, follow the money... There is only one thing worth more than OS income -- it is 'Big Data', and advertisers pay big money for this big data... This new OS is surely tracking everything you do on your computer, every key you press, every app you open, every web site you visit... and feeding all this 'telemetry' back to the OS company. Of course they want us to upgrade...*

*Don't get too upset by big data. Your cell phone is probably doing the same thing, and the fruity competing operating system is probably taking similar steps if they haven't already.*

*It is just so wrong for this big company to brush their customers aside like this...*

*Here at UFI we will support our products on this new operating system. Not a lot has changed from a functional perspective, as far as we can tell. But if you wake up one morning to a totally different computer... Hundreds of thousands of barely functional computer users in the USA alone are muddling through this right now. Imagine, finally getting comfortable with your new piece of shiny technology after a year or two, then... boom... Everything looks very different... Our pond is tiny, but we want to try to at least warn our customers about this.*

### 3. Surviving Win10 (or Now What?)

Ok, so now you have it. You may be able to revert back to an earlier version, but this will probably prove even more frustrating. But that may still be an option. All we can do is make a few suggestions about this new operating system from our limited perspective.

#### a. Automatic Update is forced

You cannot turn the automatic update process off, like you could for earlier versions. This means that the computer will, whenever it wants, jump on your internet connection, use computer resources, and slog through its continuous update process, all on top of whatever else it decides to use your internet connection for. *Oh, did you want a turn? Sorry... Wait, did I just obsolete one of your applications? Well, go talk to the software supplier. What? They are out of business now? Oh well, that's progress. Sorry...*

All you can do now, is tell the operating system to perform updates at specific times. This at least will (or should) prevent the operating system from restarting your computer at an inopportune time. This is how to change this setting:

- Click/Tap window icon, lower left corner
- Click/Tap 'Settings'
- Click/Tap over the 'Update and Security' icon
- Make sure 'Windows Update' is highlighted (top of the list) to the left
- Click/Tap over 'Advanced Options'
- Click/Tap over the option box at the top until it reads 'Notify to schedule restart'

This just means the operating system will let you know when it is ready to turn your computer off then back on, and will (should) allow you to select a time.

And you might want to uncheck the box directly below ("Give me updates for other...") unless you want the operating system to constantly update everything.

And you might want to Click/Tap over 'Choose how updates are delivered' which opens a new page, and then, turn the switch thingie off, and make sure both boxes below that are unchecked. Otherwise, updates can be performed between your computer and other computers that might be on your local network. This doesn't seem very secure to us.

-- (close all open windows when you are done: 'ok' or red x in upper right)

And, by the way... Earlier versions of the operating system are still getting pounded with upgrade related, internet and disk intensive tasks whether we want them or not. And just maybe... We can't prove this, of course, but it seems like our older computers are being 'backgraded', even though we have automatic updates turned off. Why else would the MS Installer keep popping up... Well, we don't know, and can't prove anything. But 'telemetry' is money...

#### b. Diagnostic and Usage Telemetry

The first build of this operating system gave you a bunch of switches that you could use to allow or disallow diagnostics (errors and such) and more importantly your usage telemetry (what you do, what apps, what web-sites, etc). That is ALL gone now. There is now just a single setting with three options... And we don't even know what each of these settings really mean, either... Still, this might be worth doing.

-- Click/Tap window icon, lower left corner  
-- Click/Tap 'Settings'  
-- Click/Tap over the 'Privacy' icon  
-- Scroll down on left pane to 'Feedback and diagnostics'  
and click/tap over that.

The pane to the right shows two 'select from options' controls. The top one asks about the operating system bugging you for feedback. We set that to 'never'. The next one is maybe a little more important, and the heading reads 'Diagnostic and usage data' Usage data is what you do, where you go, what apps, etc. The control here only provides 3 settings: Full, Enhanced, Basic. Of course we set it to Basic. But we really don't know if that is still 90% of what we do, now or ever. And again, the original build supplied a much more detailed way to set all this. Now -- just one control, three vague options... Will this setting really make any difference? We have no clue... And, you can click over the links directly below, which will take you to a web page explaining all this if you want.

And... you may want to carefully look at the rest of the items on the left, and maybe do some careful setup. These are all the 'privacy' settings for your computer after all. Slowly work through the list to the left, and set the switches in the pane to the right as you prefer for each of these sub-systems of your computer. Take your time, read the description carefully, and decide how to set the switch. For example, if you turn the camera off for everything, Skype won't work. Based on what you do with your computer, you can enable and disable access. Smartphones allow this capability too, and have for years.

-- (close all open windows when you are done: 'ok' or red x in upper right)

### c. Remote Assistance setting

We are not sure why this is buried. And the install / factory default is for this option to be enabled, ON. Well, this is how it works. You call the operating system provider with a problem, They find YOUR COMPUTER on the internet, take control over YOUR COMPUTER 'remotely', and explore, then fix it for you, right before your very eyes! You smile, and maybe send them some money. And other organizations can use this same Remoting capability too, and this can prove very helpful. But they are not the only people who might want the ability to control your computer! In our humble, limited experience, this control should NOT be buried, and the default setting SHOULD be OFF! Over the phone, it is easy to instruct someone how to enable it anyway, should the need arise.

Ok, so this is how you turn Remoting OFF for this operating system.

- Click/Tap window icon, lower left corner
- Click/Tap 'Settings'
- Click/Tap over the 'System' icon
- On the left, scroll all the way down, then  
click/tap over 'About'
- On the right, scroll all the way down, then  
click/tap over 'System info'
- In the upper left of the new window is 'Remote settings',  
click/tap over that
- Uncheck the box next to "Allow Remote Assistance..."
- Press the 'OK' button
- (close all open windows when you are done: 'ok' or red x in upper right)

By the way, this Remoting capability is not new to this operating system. You can probably find the comparable control for some earlier operating systems.

### Conclusion

From what we can tell... From our tiny little pond... Substantial and random internet / resource usage is becoming more a fact of life for the PC operating system. In our humble, limited experience, the low end computer is now a frustrating myth. You absolutely must purchase a more powerful computer in order to avoid being unable to use your computer at times. And you absolutely will need to purchase a new computer more frequently... Hmmmm...