

Windows 10 Migration

At



Why Is ITS Rolling Out Windows 10?

- To provide a more secure computing environment
- To obtain and maintain security regulatory compliance
 - SUNY, NYS, Federal
- Microsoft will no longer provide support for Windows 7 past January 2020 -> **We have to!!!**



When is Fredonia ITS rolling out with Windows 10?

January
2019

January
2020

Windows 7
support ends

Windows 10
transition
complete



Windows 10 at Work vs. Windows 10 at Home

- Windows home computers have “retail” versions of Windows 10 installed, typically “Home” or “Pro”. At SUNY Fredonia, we are using “Windows 10 Education” version.
- One difference is the absence of the many pre-installed “Metro” style shortcuts
- Two frequently used items are now buried in the start menu:
 - Internet Explorer & File Explorer
- Microsoft Drive has also been disabled at work
- Various other differences both in Windows 10 “Home” vs “Education” and Windows 7 to Windows 10



Major Differences Between Windows 7 & Windows 10

- **Device Limitations** – Users that require access to [Category III](#) data (ssn, cc#, passport #'s, drivers license #'s, etc.) will have limited access to portable storage devices (USB thumb drives, USB hard drives, etc.) in order to limit the risk associated with University regulated data loss.
- **AppLocker** – Only approved programs or programs located in approved folders are allowed to run from Windows 10 desktops. Even if you get a virus accidentally installed on your computer (web surfing, email attachments, etc.) that get past the anti-virus, can't run!
- **Default Save to U:** - the U:\ drive is the default location for saving all Microsoft office documents
- **Desktop** – All files and folders saved on the desktop will automatically save to the U:\Desktop folder. The Windows 10 desktop is 'really' a folder on the U:\ drive (U:\desktop)
- **Can't create folders on C:** - users can't create folders on their computers C:\ drives to store University data to. Greatly reduces risk of University data loss in the event of a C:\ drive crash.



Major Differences Between Windows 7 & Windows 10

- **Drive Encryption** – The C:\ drive on Windows 10 Desktops and Laptops are encrypted. Transparent to end-user but is required for compliance in case device is lost or stolen.
- **Auto-Screen Lock w/ Password** - Auto-screen lock w/ password to prevent unauthorized access to University computer / data. This provides added security and is another compliance requirement.
- **DUO upon Remote Login** – If you remote into your computer (VPN) from home.



Windows 10 at Work vs. Windows 10 at Home

- **99% Of Programs and “Pushed” to your computer from ITS.**
 - Consistent versions of programs throughout campus
 - Office 2016 / Google Chrome / Firefox
- **Auto-install of Printers**
 - Printers are automatically installed when you login to Windows 10.
- **Follow-me printing:**
 - Your printers will ‘follow’ you if you login to a different Windows 10 computer.



Administrative Privileges

- Most users will **not** need [Administrative Privileges](#) for their computer since Windows 10 has numerous enhancements to usability and security. If you find you do require Administrative Privileges, you'll need to reapply.
- You do not need to retake the training course if you have completed it already but will need to reapply every two years from the date of approval if you need administrative privileges.
- Administrative Privilege system is centrally administered via the Information Security Office (ISO)



Where Can I Store My Work-related Files?

- Users should no longer save any University work-related files to their C:\ drives or use any USB-type storage (thumb drive, external USB drive, etc.)
- U:\ drives are now 50GB, by default, and can be increased in size as to accommodate University-based files used for teaching and learning.
- The M:\ drive is replacing FredShare as an on-campus location where files can be saved and shared with other Fredonia faculty, staff, and students.
- Only specific types of data can be stored on Google Drive (not everything – next slide).
- Fredonia has adopted [Data Risk Classification Policy](#) that outline [what type of data can be stored where.](#)



Preparing for Windows 10 Transition

- ITS has inventoried the common software you use to ensure it will be compatible with our Windows 10 migration. If there's any unique applications you use, please let us know asap.
- Move, not copy, your work files (Word, Excel, etc.) to your U: Drive. Access them from U:\.
 - Files saved on your desktop
 - Unique data files, etc.
- Backup any other files you may need (copy to U:\)
- Don't forget about internet bookmarks or other saved configurations you may want
- Please make sure you have moved everything off your computer prior to the Windows 10 migration. In most cases, ITS will be erasing your existing Windows 7 computer and reinstalling Windows 10.



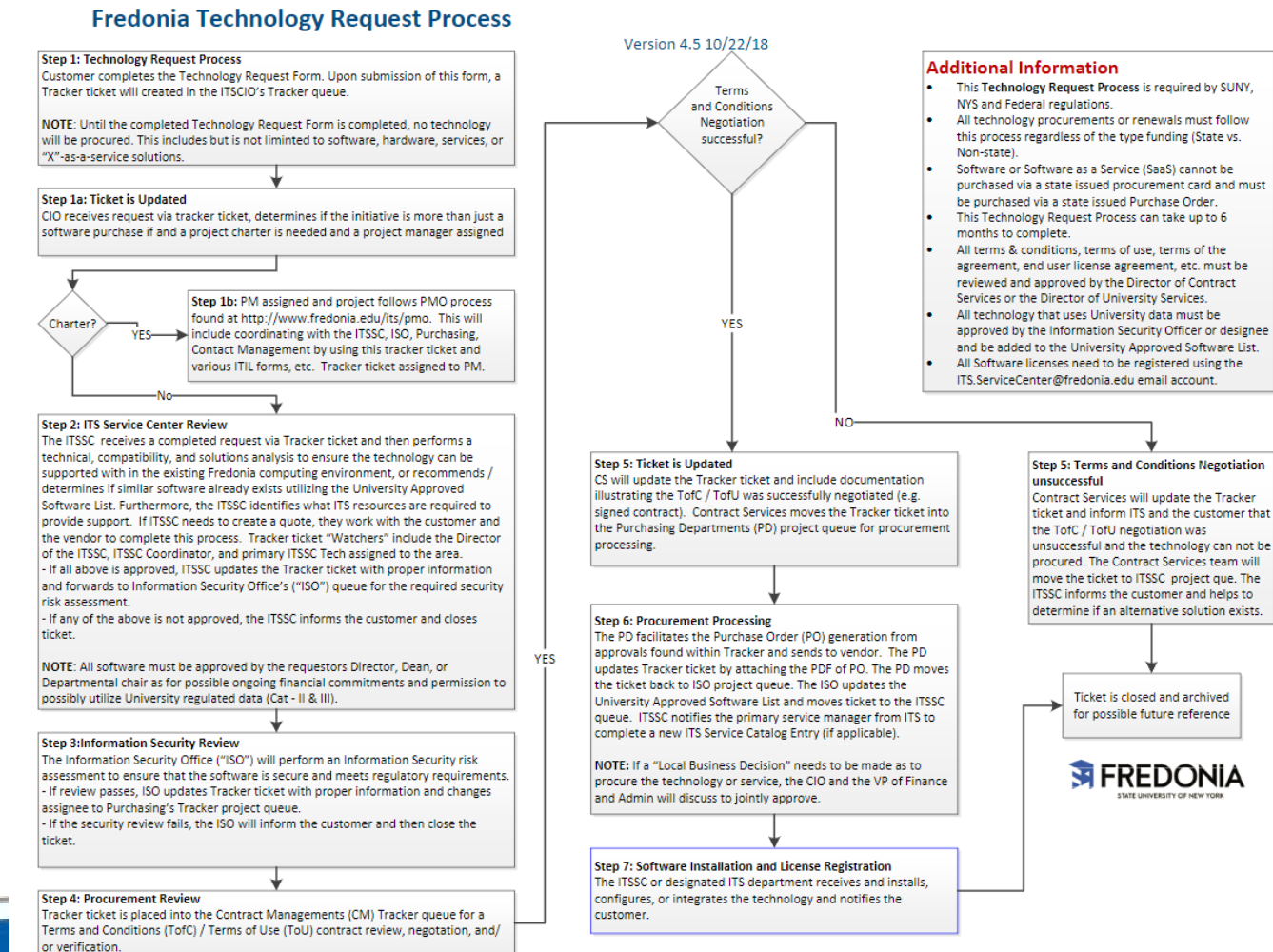
Not really related to Windows 10 But A Shout-Out For: Tracker and Answers

- [Tracker](http://tracker.Fredonia.edu) (tracker.Fredonia.edu) has replaced FredQuest as Fredonia's incident tracking and ticket assignment application
 - Used by more than just ITS:
 - Purchasing, Contract Services, Marketing and Communications, IRPA, Online Learning
- [Answers](http://Answers.Fredonia.edu) (Answers.Fredonia.edu) is Fredonia's central knowledgebase for sharing important campus how-to's, FAQ, etc.
 - Used by various departments



Technology Procurement Process / Form

- To start the procurement process for any IT Hardware, software, Services, Grant Funded Technology, etc., step 1 is to complete a [Technology Procurement Form](#).
- “Smart” form that changes depending on the answers to the questions.
- Workflow is to ITS, Contract Management, Purchasing, then to Accounts Payable.



Windows 10 Transition Resources

- [Windows 10 Transition Schedule](#)
- <https://answers.fredonia.edu/x/Uwl6Ag>
- Questions?

