



ITS REMOTE COMPUTING SERVICES

VIRTUAL DESKTOP INFRASTRUCTURE

Mobility Solutions for the USDA

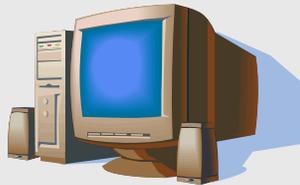
The Virtual Desktop Infrastructure (VDI) is part of the ITS Remote Computing Services offering. The VDI offers remote computing capabilities for ITS customers to support the changes in the federal telework policy and agency cost-cutting measures. It provides workers with a desktop that can be securely accessed from any approved and supported device available.

The solution currently includes the following access devices:

- ◆ Repurposed Hardware
- ◆ USB Device (PC-on-a-Stick)
- ◆ Mobile Devices
- ◆ Low-Cost Thin Clients

Repurposed Hardware

Older end-of-life computers can be used as an access portal to connect to your virtual machine. To enable this scenario, ITS will install a software client on your old computer that you can use to access the VDI.



USB Device (PC-on-a-Stick)

For telecommuting and other mobile users, the USB device is a quick and easy way to connect to your virtual machine.

End users may purchase a USB device that has been preconfigured for connection to the virtual desktop. This USB device can be plugged into your personally owned computer and used to access your virtual machine in the data center. RSA tokens are used to secure access.



Mobile Devices

Mobile users can access their virtual desktop through ITS provided mobile devices (iPad and Android). ITS will install the client software on your ITS-issued mobile device. You can use that client to connect to the VDI.



ITS Thin Clients

A thin client can replace your standard computer. This would be your terminal to access your virtual machine in the data center.

To use the thin client option, ITS will procure the hardware and set it up for access to virtual environment in the data center. Additionally, the LincPass can be used for secure authentication.



COMING SOON!

Additional information and marketing materials on VDI will be published and announced when available in your area!

VDI BENEFITS

Expedited Patching

The virtual computer is always connected to the network. After patches have been fully tested and released for use, all of the virtual desktops can be patched immediately.



Extend the Life of Computers

A virtual desktop can be accessed from old, end-of-life, computers. Instead of having to update these computers with a full hardware refresh, you can use it as a way to access your new virtual desktop. All you need is the VDI client and you can connect.

Secure Access to Work Files

You will be able to access shared and personal home drive data from any location you can access your virtual desktop from. Given the number of different access methods available, you will have vastly improved access to your data. You can rest assured that your data will be safe, because all the data accessible from the virtual desktop will be secured in the Certified & Accredited Enterprise Data Center.



Access to New Technology

A virtual desktop will provide you with a computer that is running the latest operating system technology tested and approved by ITS. A machine that is not capable of running the new Windows 7 operating system can be used as an access portal to a Windows 7 desktop. You can take advantage of the new features of that operating system and updated technology without a costly upgrade on a physical computer.

Minimum Hardware Requirements: Repurposed H/W & USB Device

Processor	1 GHz x86 or x64 Intel or AMD Processor
RAM	1 GB RAM
Graphics Card	Windows-Based (USB & Repurposed): DirectX 9 card with WDDM 1.0 driver Linux-Based USB: VGA Compatible Graphics card capable of 1024x768
USB	USB 2.0 or higher
Boot Capability	Ability to boot from USB Device
Network	100Mbps or higher network interface with at least 3Mbps internet connection