

VDI and NJVID

The Solution to Universal Design for Students with Accessibilities

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Agenda

- About College of Staten Island
- Services Available for Students with Disabilities
- Moving Towards Universal Design Environment
- VDI and NJVID Experience
- Q&A



About College of Staten Island

- Approximately 14,000 students
- About 1700 Student Computers
- Open/Teaching labs
 - 46 computers dedicated for accessibility
- 5 Labs in Accessibility Center
- Accessibility Population
 - 8 visually impaired students
 - 6 hard of hearing students
 - 100 registered with learning disabilities
- Smart Classrooms
- Coming Soon Additional Locations
 - 2M School of Business
 - St. George



Software Available for Students with Disabilities

- Jaws
- Kurzweil
- ZoomText
- J-Say Pro
- Dragon
- Duxbury Braille Translator
- Read/Write Gold
- MathTalk
- MathType



Moving Towards a Universal Design Environment

- Challenges
 - Lab location
 - Licensing
 - Image on all computers
 - Copyright
 - Closed captioning
- Solution: VDI and NJVID
 - Access accessibility software from any location
 - Leverage software for other purposes
 - Respect anonymity and independent learning
 - Instructional videos on how to use VDI
 - Instructional videos on how to use accessibility software
 - Provide ability to offer courses to branch campuses
 - Low cost solution to closed captioning



VDI Explained

Virtual Desktop Infrastructure (VDI)

- The practice of hosting a desktop operating system within a virtual machine ([VM](#)) running on a centralized server.
- VDI is a variation on the [client/server](#) computing model, sometimes referred to as server-based computing.
- The term was coined by [VMware](#) Inc.
- Components of the desktop are virtualized, which allows for a highly flexible and more secure desktop delivery model

Why NJVID?

- Secure location to store videos
- Easy access, sharing, and searching
- Support teaching and learning
- LMS integration
- Closed captioning



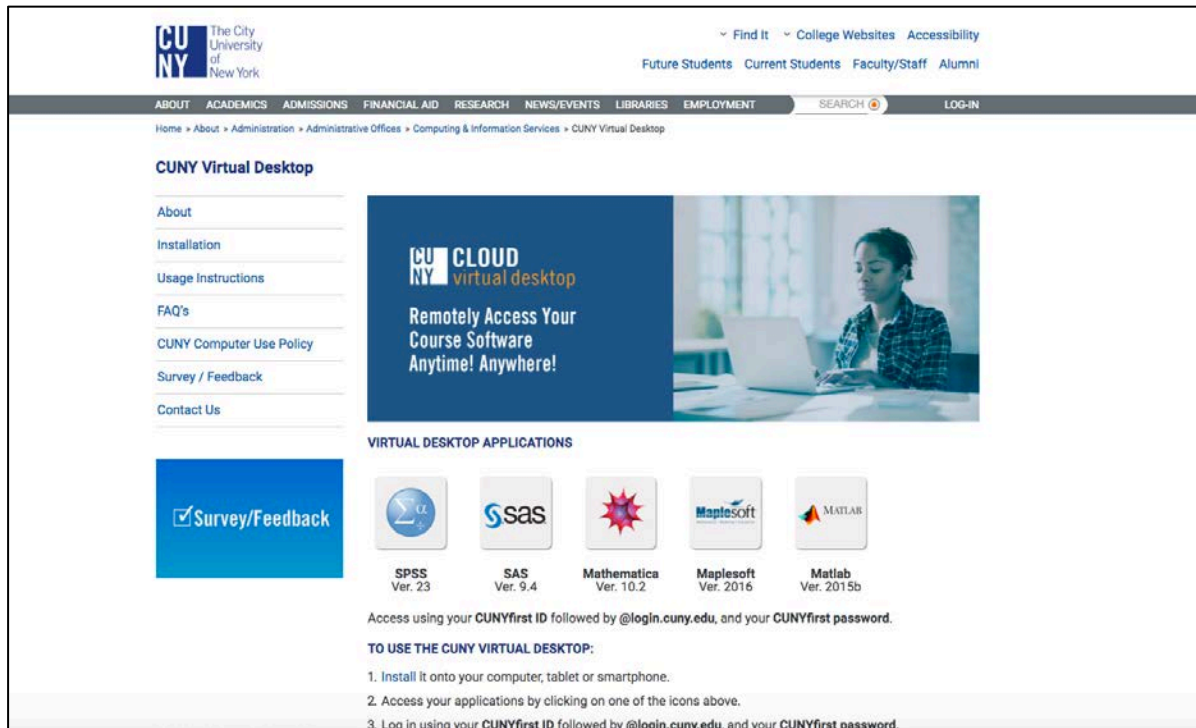
VDI and NJVID Experience

A combination of both platforms is an equation for a successful experience

- VDI provides the cloud environment
 - ✓ SSO with AD integration
 - ✓ Access accessibility software anytime anywhere: home, any lab, any computer
- NJVID provided the means for end user support

Going Forward

- CUNY Virtual Desktop



The screenshot shows the CUNY Virtual Desktop website. At the top left is the CUNY logo and navigation links for 'Find It', 'College Websites', and 'Accessibility'. Below this is a horizontal menu with categories like 'ABOUT', 'ACADEMICS', 'ADMISSIONS', etc., and a search bar. The main content area features a sidebar with links for 'About', 'Installation', 'Usage Instructions', 'FAQ's', 'CUNY Computer Use Policy', 'Survey / Feedback', and 'Contact Us'. The main content includes a large banner with the text 'Remotely Access Your Course Software Anytime! Anywhere!' and a photo of a student. Below the banner is a section titled 'VIRTUAL DESKTOP APPLICATIONS' with icons for SPSS (Ver. 23), SAS (Ver. 9.4), Mathematica (Ver. 10.2), Maplesoft (Ver. 2016), and Matlab (Ver. 2015b). At the bottom, there are instructions on how to access the desktop using a CUNYfirst ID and password, and a list of three steps: 1. Install the application, 2. Access applications by clicking on icons, and 3. Log in with CUNYfirst ID and password.

CUNY Virtual Desktop

Remotely Access Your Course Software Anytime! Anywhere!

VIRTUAL DESKTOP APPLICATIONS

- SPSS Ver. 23
- SAS Ver. 9.4
- Mathematica Ver. 10.2
- Maplesoft Ver. 2016
- Matlab Ver. 2015b

Access using your CUNYfirst ID followed by @login.cuny.edu, and your CUNYfirst password.

TO USE THE CUNY VIRTUAL DESKTOP:

1. Install it onto your computer, tablet or smartphone.
2. Access your applications by clicking on one of the icons above.
3. Log in using your CUNYfirst ID followed by @login.cuny.edu, and your CUNYfirst password.

Let's Take a Look

@ VDI and NJVID environments

