CEAS NorthStar Virtualization

What is NorthStar?

UC College of Engineering and Applied Science has created an engineering application based virtualized desktop named NorthStar using VMware Horizon technology. NorthStar environment will consist of numerous engineering software applications using Windows 11 and NVIDIA CUDA technology (application must support CUDA). Below is a list of available applications (note: only 40 out of 100 applications could be virtualized). NorthStar can only be accessed by students who are currently enrolled in CEAS courses (regardless of major).

NorthStar System Requirements:

In order to access NorthStar, users must install a client software called VMware Horizon client. The following Operating Systems will be supported, in addition to HTML 5 Browser access: Windows Client, Mac OS Client and Linux Client - Ubuntu 64bit.

Planned Virtualized Apps:

1. Android Studio
2. Ansys
3. ArcGIS
4. CodeBlocks
5. ETABS
6. HCS Demo
7. HEC HMS
8. HEC RAS
9. Hspice
10. Hyperworks
11. LabVIEW
12. LS-Dyna
13. Materials Studio
14. Mathcad
15. Mathematica
16. Matlab
17. Microsoft Project
18. Microsoft Visio
19. Multisim
20. MySQL
21. NetBeans
22. On Screen Takeoff
23. Origin Pro
24. Perform 3D
25. PrusaSlicer
26. Pspice Student
27. Python
28. R
29. SAP 2000
30. SAS
31. Sigma Plot
32. Solid Works
33. TechnoMatix
34. Tecplot 360
35. Trace 700
36. Vissim
37. Visum
38. Visual Studio
39. Windows PowerShell
40. Windows SDK

Instructions for Access will be Coming Soon.