

PANELISTS



Dane Young, Owner/Chief Technologist



Sean Massey, Staff Cloud Solutions Architect



Jared Cowart, Product Manager



Tony Foster, Sr. Advisor, Technical Marketing

NVIDIA VIRTUAL GPU COMMUNITY ADVISORS (NGCA)

Bringing together graphics virtualization thought leaders and experts for exclusive access and insight into NVIDIA virtual GPU product strategy and technology.

Help drive the future of graphics virtualization ad cloud technologies.

Product feedback on product strategy.

NGCA

WINDOWS 10 IN THE NEWS

New Windows 10 build is a monster update
First update of the year adds more new features than any previous build.

-COMPUTERWORLD

Massive Windows Insider build finally adds Timeline and Sets, revamps My People and more

This looks like the first massive feature update of the Redstone 4 cycle for Microsoft's Windows 10.

-PCWorld

Windows 10 April 2018 Update biggest problems and complaints

The April 2018 Update is yet another big refresh for Windows 10, but it's causing headaches for some users.

-Windows Central

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Massive Windows 10 Upgrade Has A Bigger Omission
-Forbes



WINDOWS 10

Highest Graphics Requirement of any Operating System to Date







Windows 10 Requires a 50% Increase in graphics requirements, compared to Windows 7

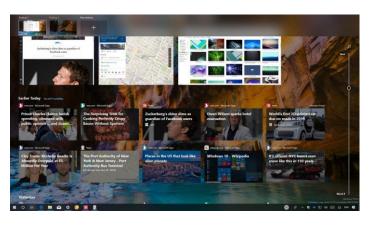


WINDOWS 10 BUILDS GET MORE MASSIVE



Windows 10 in 2017*

32% increase in graphics requirements from Win7



Windows 10 in 2018*

50% increase in graphics requirements from Win7

- More 3D features (Snipping Tool, Timeline)
- Set customized graphics performance by application
- Fluent design UI including new "acrylic" texturing
- Motion improvements bring super smooth animations to dropdown menus, opening a new tab and more

20% increase in graphics requirements in Windows 10 from 2017 to 2018

3X increase in graphics requirements from Office 2010 to 2016



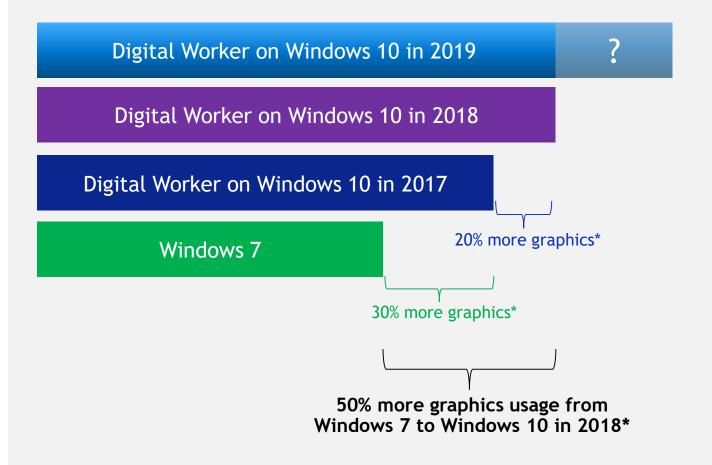
INCREASING DEMAND FOR GRAPHICS

Windows 10 was developed with hardware acceleration in mind and is fully accelerated using a GPU by default

Certain features like Metro/Modern UI cannot be completely disabled

Free Windows 10 upgrades for consumers drive expectations for the same quality of experience at work to be productive

GRAPHICS USAGE OF WINDOWS ENVIRONMENTS





MODERN APPS IN THE DIGITAL WORKPLACE

Demands More Graphics



Applications that require graphics has doubled since 2012

Over half of enterprise users access at least one graphics accelerated app





THE NEW DIGITAL WORKER

The Way We Work is Changing



50% increase in GPU requirement over Windows 71



50-100% increase in GPU requirements over Windows 7¹



Modern browsers are hardware accelerated by default



Flash, HTML5, and WebGL are all very taxing to the CPU



Adobe® Acrobat® and Microsoft Edge are hardware accelerated by default



Collaboration and video

Skype and YouTube are now prevalent across the enterprise



Some features in Adobe® Photoshop® won't work without a GPU²



Multi-monitors is the new normal and 4K is becoming mainstream

CHOOSE FROM BUNDLES THAT SUPPORT YOUR NEEDS



Single purpose, lowest cost solution for VDI using NVIDIA M10

Includes 2x NVIDIA M10 GPUs with GRID licenses for 64 users Or, 3x NVIDIA M10 GPUs with GRID licenses for 96 users



Multi-workload, cost-effective solution for VDI and compute using NVIDIA T4

Includes 4x NVIDIA T4 GPUs with GRID licenses for 64 users Or 6x NVIDIA T4 GPUs with GRID license for 96 users

A GREAT VDI UX IS MORE AFFORDABLE THAN EVER

For a limited time, NVIDIA is offering discounts on GRID software purchased together with NVIDIA GPUs.

1 Year Free

NVIDIA GRID with 3 Year Support Contract

More affordable option with a 3 year server amortization

NVIDIA GRID with 5 Year Support Contract

Most cost-effective option with a 5 year server amortization

2 Years Free

NVIDIA GRID BUNDLES AVAILABLE FROM NVIDIA PARTNERS



















DON'T MISS THESE SESSIONS!

GPU Virtualization at GTC

Wednesday, March 19th

4 pm **S9814** How GPU-Accelerated Virtual Workstations Enable Mobility and Collaboration for Autodesk Applications

Thursday, March 20th

- 9 am S9886 Deliver Extreme Graphics While Achieving Great TCO with HPE SimpliVity HCI and NVIDIA GPUs
- 10 am **S9881** Using Industry Standard Benchmark Tools to Size Graphics Accelerated Applications
- 11 am **S9231** Leveraging NVIDIA, Citrix, and IGEL to Support Unified Communications in VDI



QUESTIONS

- 1. Is Windows 10 really consuming more GPU? What about other applications and modern desktop experience web browsing, multi-monitors, etc.?
- 2. What kinds of customers are moving to GPU accelerated Windows 10 VDI?
- 3. We've talked about Windows 10, is there anything else you can do with your GPU resources besides desktop virtualization? (Doing more with less VDI by day, compute by night)
- 4. How do you prepare your environment for migration to Windows 10? (testing, POCs)
- 5. How much more compute and GPU resources does Windows 10 require vs. Windows 7?
- 6. What are some of the new use cases for virtualized desktops? (RTX, rendering, etc.)
- 7. Design considerations for Windows 10 VDI? Types of servers? Which GPUs? Which vGPU software? What profile sizes? How do you size your Win 10 VDI environment? Monitors? Applications? Partners/Integrators?
- 8. How do I get started? Who would I talk to if I want to implement VDI?
- 9. What hypervisors should I choose? NVIDIA supports all hypervisors.
- 10. When should we consider moving our VDI to the cloud? Can we do vGPU in the cloud? Point to Windows Virtual Desktop demo on the show floor?