S8821
Leveraging NVIDIA Quadro vDWS and Citrix XenDesktop with Enlightened Data Transport Globally
Gensler Overview
Company History
Design Process
How we did it then & now
Environment Overview
Additional Technologies
3,500 Clients spanning every market sector
5,500 Staff
45 Offices

114 Countries
10 Of the top 10 technology in the US
2.5PB of distributed data
1 Vote best placing to work 2016 - 2017 by Glassdoor
Challenges

- Multi-Office collaboration
- External Consultant collaboration in real-time
- Project site or construction trailer
- Remote access - Slow
- Time to market - Slow
- Drive Letter Standards – Varied by office by region
- Increasing Storage Needs (40%/year)
- Backup/Disaster Recovery is complicated and costly
- Increasing WAN (network) needs
CROSS-OFFICE
WITHOUT CITRIX AND NVIDIA
Quadro vDWS
COLLABORATION WITH CITRIX and NVIDIA Quadro vDWS
2,975 Unique Users
ADDITIONAL TECHNOLOGIES
NVIDIA GRID M10 – Tesla GPUs
Benchmarking Tools

Revit Forum
www.revitforum.org

PassMark Software

Holomark 2
The Benchmark for Rhino

CINEBENCH R15
The CINEMA 4D Benchmark

V-RAY BENCHMARK
Flash Disk Array PureStorage
End of Drive Letters
DFS NAME SPACE

\gensler.ad\projects
Global File System  Panzura

West Datacenter

Panzura Global File System

East Datacenter

Panzura Cloud Storage Controller

AWS
Security PingID
Application Containers  FSLogix
Profile Management
Search

AD-driven filters expose only what each user is allowed to see.

Install all applications, versions and drivers in one unified base image for all VMs and RDSH servers.

Unlimited Containers:
• User Profiles
• Applications
• File Stores

Wallpaper, App personalizations, PST, etc.
HDX Realtime Optimization Pack

for Skype for Business

Co-developed and supported

Optimal voice and video quality

Broad device and platform integration
EDT through HDX Adaptive Transport

Optimize the user experience in real-time

HDX Adaptive Transport engine intelligently adjusts transport delivery methods
EDT through HDX Adaptive Transport
Benefits

• Global Office collaboration
• External Consultant collaboration in real-time
• Project site or construction trailer
• Remote access
• Time to market
• Simplistic Backup/Disaster Recovery
• Reduction WAN workloads
Q & A

jason_dacanay@gensler.com
matthew_baltera@gensler.com
Q & A

jason_dacanay@gensler.com
matthew_baltera@gensler.com