



# Future Infrastructure: Data Centers with Agentic AI & NVIDIA Omniverse

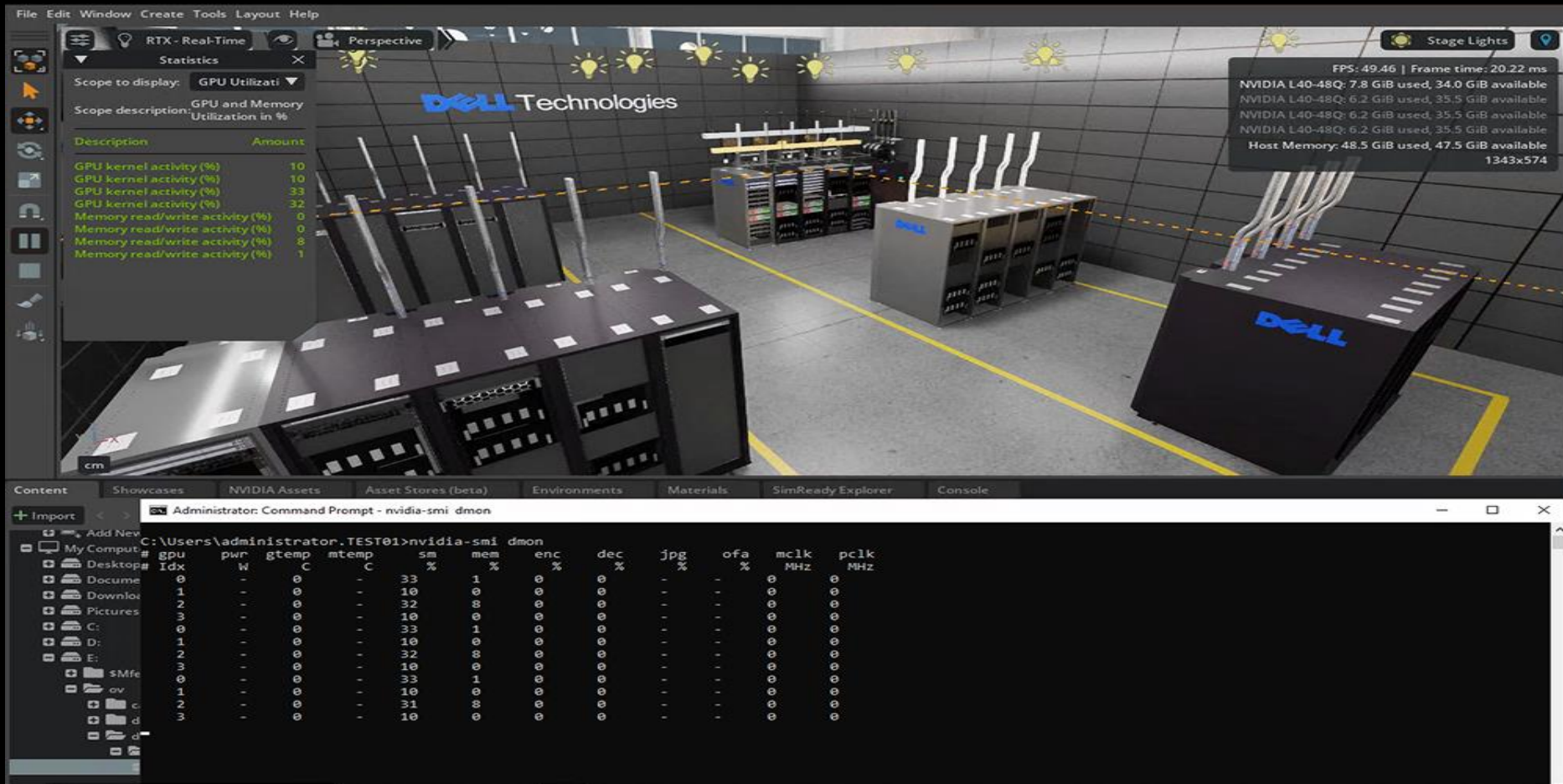
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# Why This Project Matters



Data centers power AI & cloud  
Manual management = inefficient  
Our goal: smarter, self-regulating simulations

# How We Built It



2D drawings → 3D models (Fusion 360)

Built scenes in NVIDIA USD Composer

Integrated live sensor data



# Highlights



Challenges: Learning Omniverse, accurate 3D modeling, real-time data  
Achievements: Jensen Huang sign-off , Demo at SC24

# What's Next



Fully autonomous data centers  
AI-driven optimization  
Scaling simulations across facilities

# Thank You!

Questions?