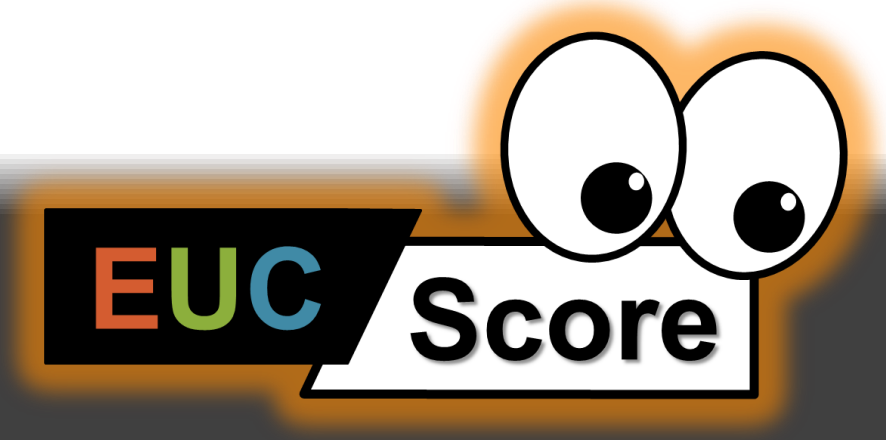
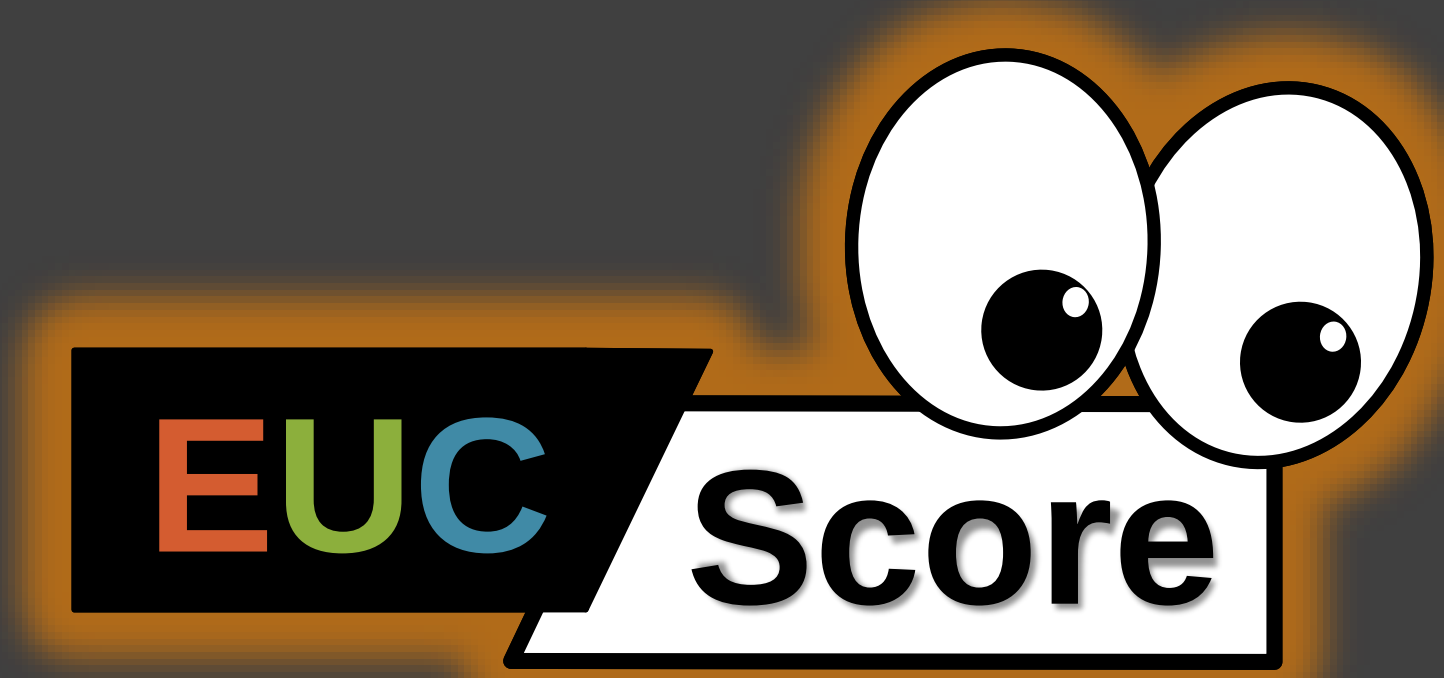
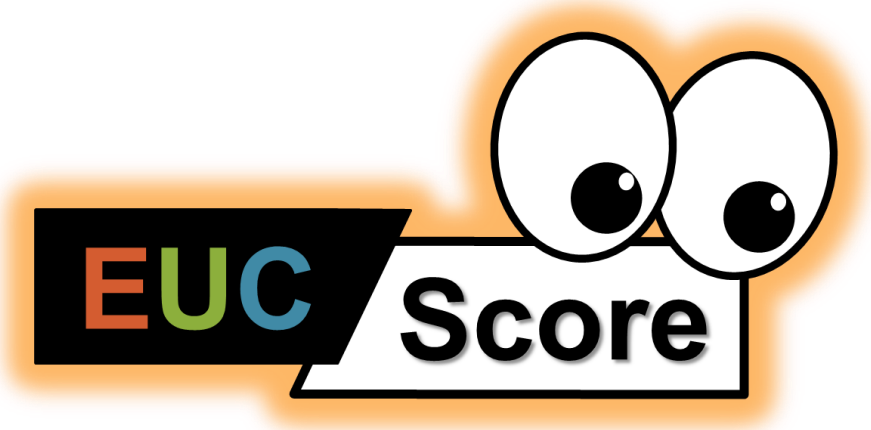


EUC Score Community Edition
Measure Your DEX Like a Pro

E2EMVC 2025, Amsterdam

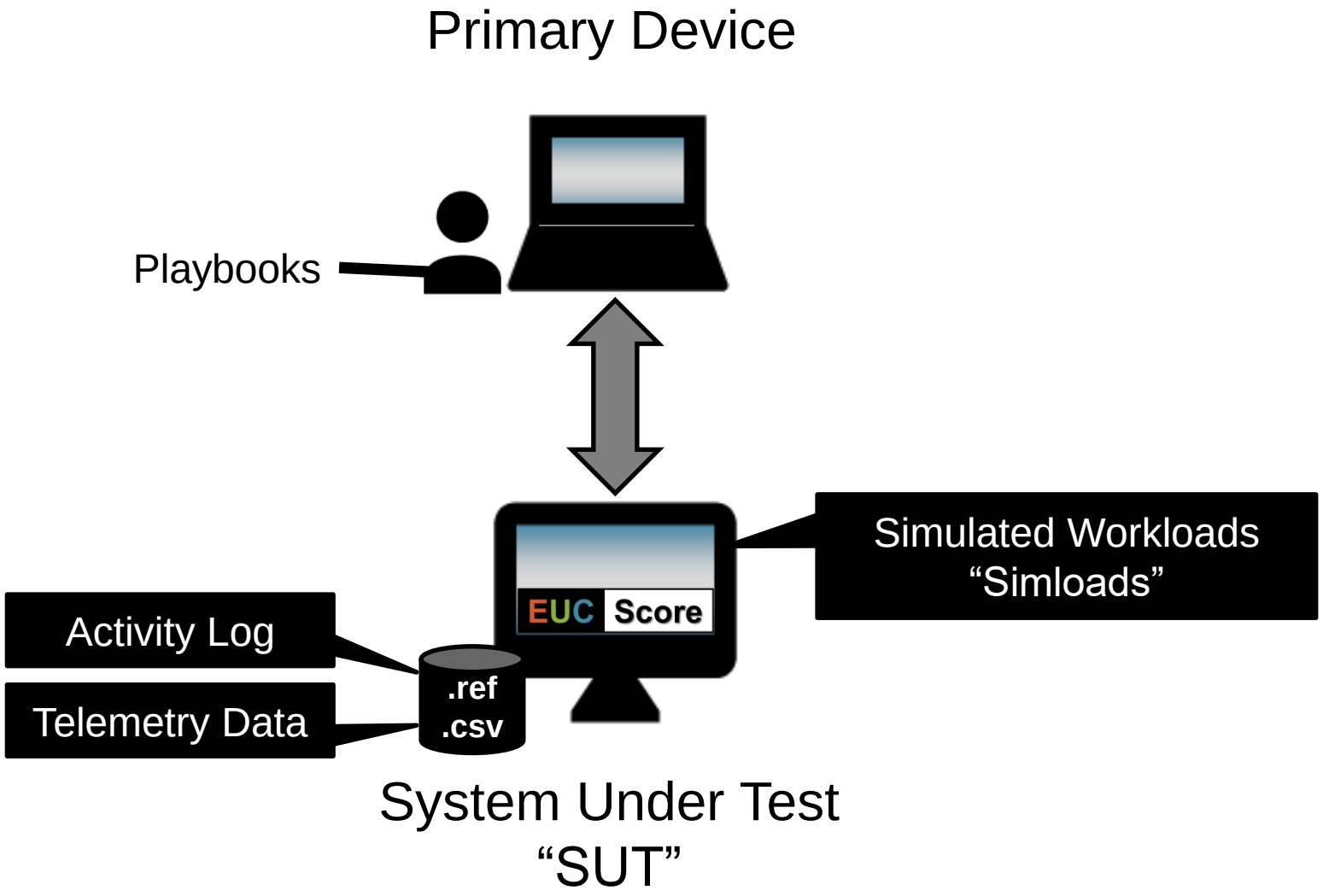
Dr. Benny Tritsch | Independent Performance Data Scientist
info@eucscore.com | https://drtritsch.com | linkedin.com/in/drtritsch


EUC
Score



EUC Score measures and quantifies **perceived end-user experience** in Windows remoting and digital workspace environments, both on premises and in the cloud – fast, precise, repeatable and intuitive

Setting Up a Simple EUC Score Test Lab



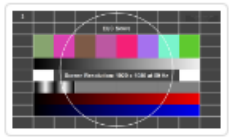
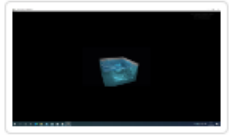
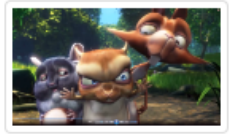
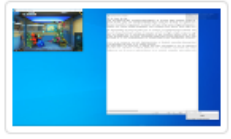
Simulated Workloads – “Simloads”

Type		Description
	Type 1 Primary	Test run with an application that highlights a specific graphic or multimedia format (GDI, DirectX, OpenGL or video) – may require a pre-installed application.
	Type 2 Persona	Sequence of chained or overlayed user activities, orchestrated in such a way they generate the characteristic behavior and consistent load pattern of a predefined interactive user type.
	Type 3 Score	Measures predefined system metrics used to produce a number (=score) that represents the performance. Typically, each score Simload is associated with a specific theme.

https://eucscore.com/gallery.html

EUC Score Simload Gallery: https://eucscore.com/gallery.html

https://eucscore.com/gallery.html

Thumbnail	Simload Type	Description
	System	SL0-TestScreen Open a test pattern screen and save system information.
	Primary Base	SL1-NotepadEdit Open Microsoft Notepad and start writing a novel with random type speed.
	Primary Base	SL1-WordpadScroll Open local DOCX file with PNG images in Wordpad and randomly move pages up and down every second.
	Primary JPEGView	SL1-JPEGViewStatic Open JEPG image in JEPG View. **NOTE**: This is the most basic Simload as it includes neither animations nor user interactions.
	Primary JPEGView	SL1-JPEGViewAnim Open animated GIF image in JEPG View.
	Primary WMPlayer	SL1-WMPlayer480pWMV Open local 480p WMV video in Windows Media Player, switch from windowed to fullscreen mode.
	Persona Base	SL2-Base **Foreground**: SL3-AppDialog **Background**: SL1-JPEGViewAnim

+ custom or manual Simloads with real user playbooks

New Simloads

NotepadMove
MSEdgeGifScroll2

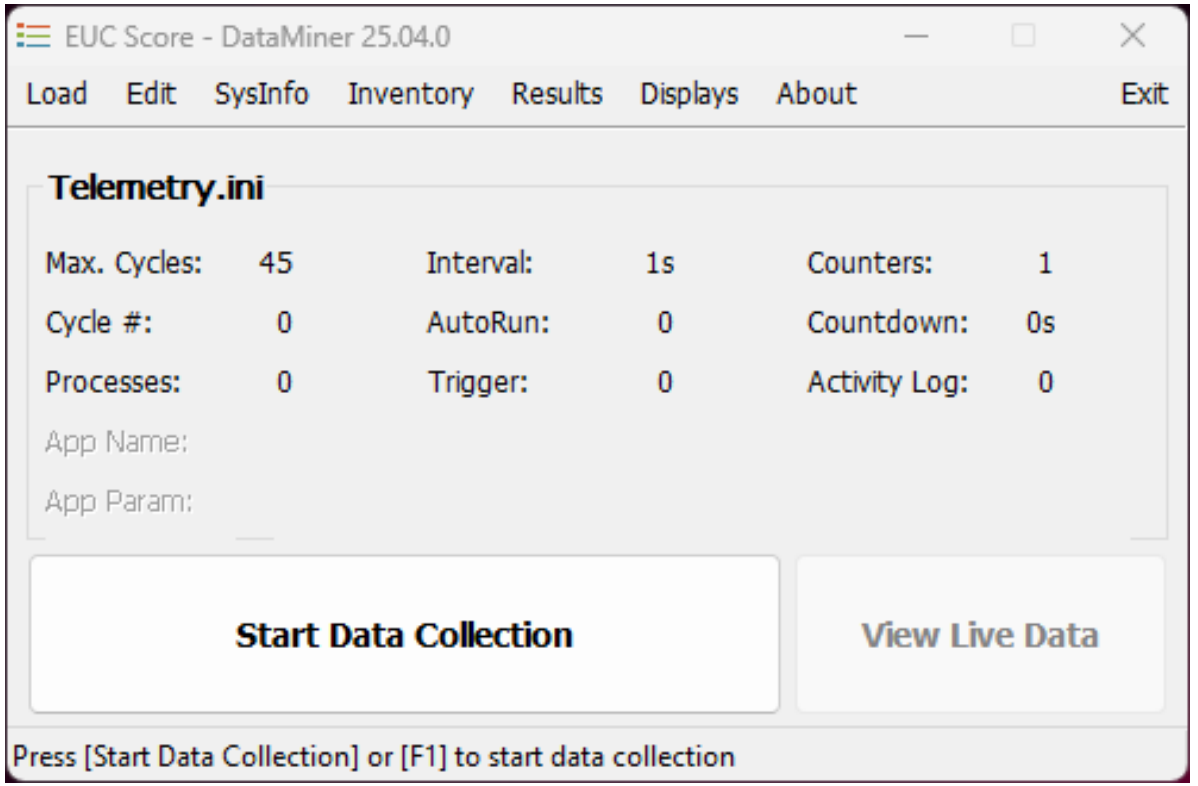
Updated Simload Runner

New features in v25.04

- Experimental dark mode
- Support of custom telemetry configuration files
- Viewer/editor for telemetry files
- System information checker
- License checker

Extra Tool: EUC Score Data Miner

- Data Miner integrates several supplementary tools
  - Collects performance counters independently of Simloads
  - Writes system information to a text file in the results folder
  - Writes multiple CSV files with inventory data in the results folder
  - Collects process information
  - Launches applications
- Data Miner can be used stand-alone by copy & paste deployment



Data Miner runs both with a GUI and from the command line

EUC Score Freeware

Last update: May 8, 2025

EUC Score Base Installer Package v25.04 - includes Primary Base Simloads, 2 Personas, 8 Score Simloads, an activity recorder, Simload Runner, and some supplementary tools	Download
EUC Score Data Miner v24.10 - Analyze hardware and software of physical or virtual Windows machines. Just download and unpack the ZIP file and start DataMiner.exe	Download
EUC Score Logo Package - Logos and Wallpapers	Download
EUC Score Introduction Q3/2024 - Slide Deck (PDF)	Download

EUC Score

Your ultimate guide to vendor-independent end-user computing (EUC) performance benchmarking - organized, valid and repeatable. Our method is built on the combination of running simulated workloads, capturing screen videos, collecting telemetry data and visualizing the results in a unique way. This helps you to determine if changes in one EUC variable might lead to changes in the perceived user experience.

Copyright © 2021-2025 Dr. Tritsch IT Consulting

Talk to us

www.drtritsch.com

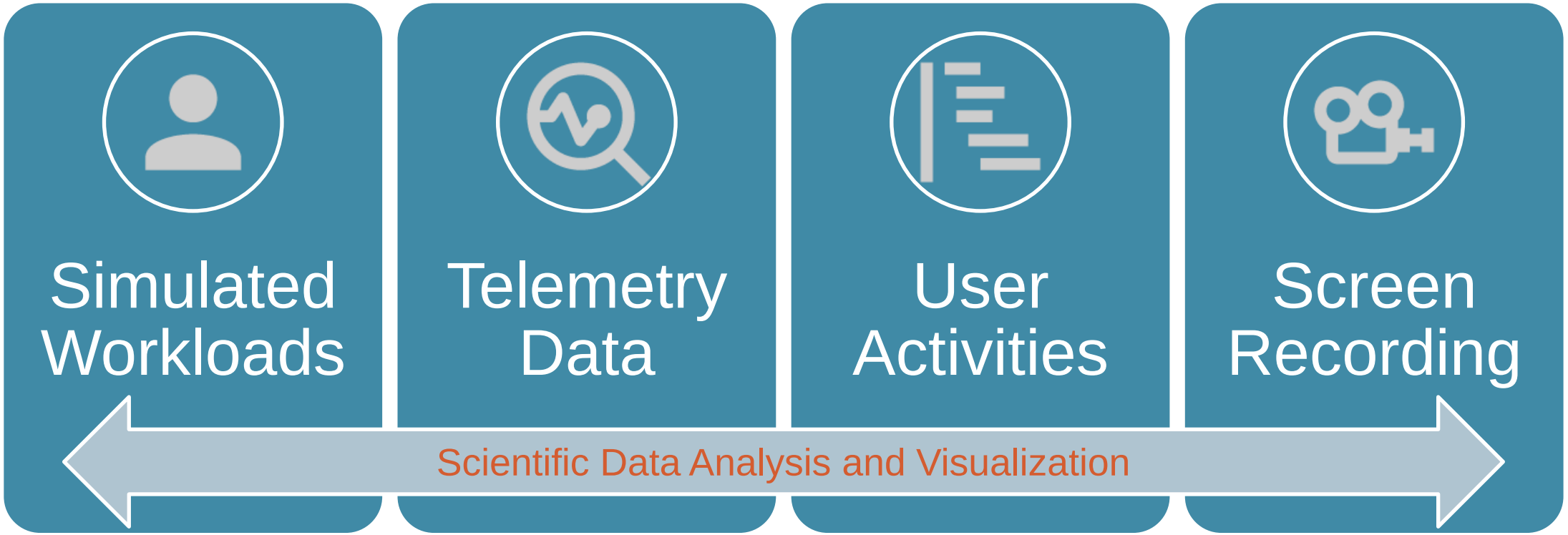
+49-6154-58370

info@eucscore.com

Privacy Policy

Advanced User Experience Benchmarking

EUC Score Toolset

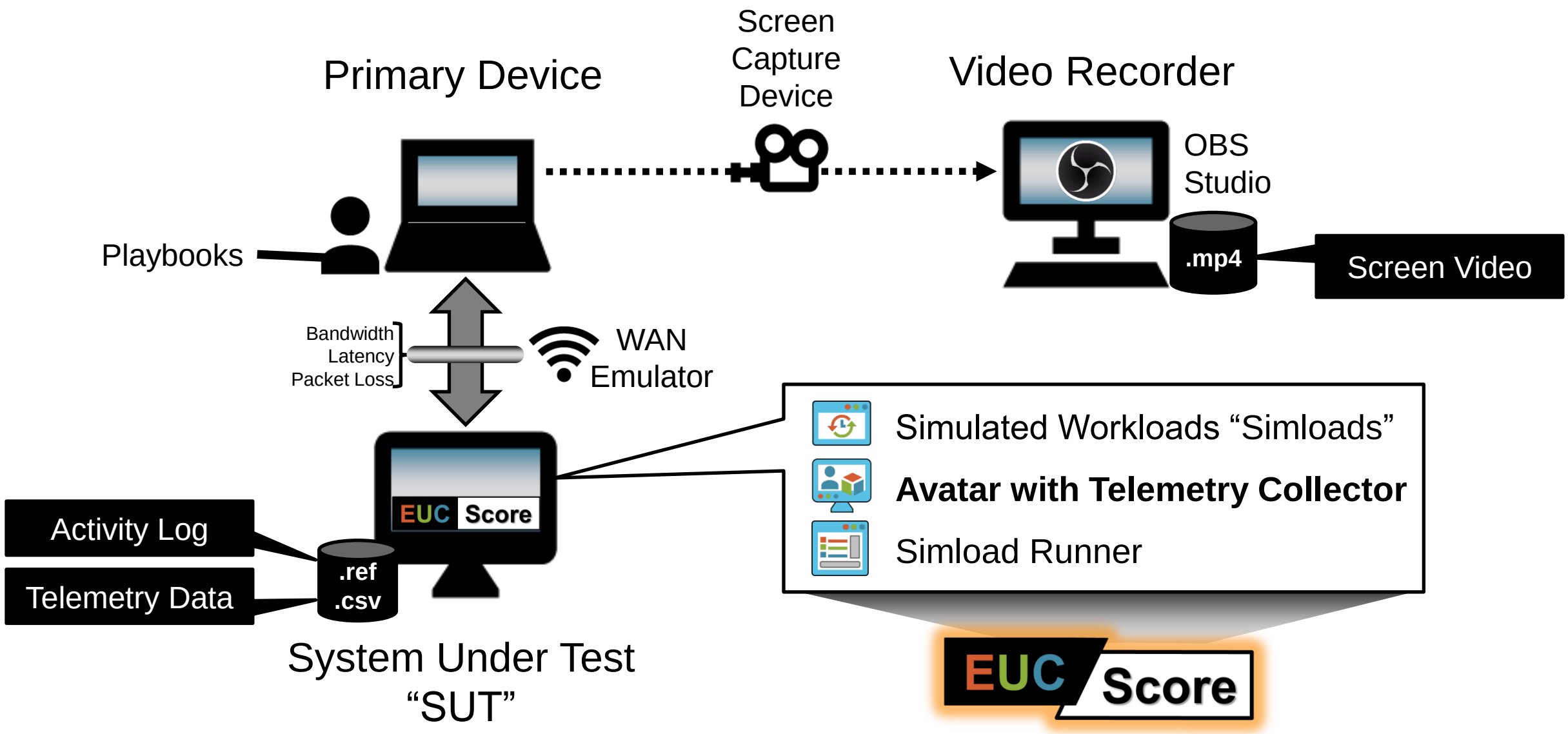


EUC Score Downloads – Registration Required

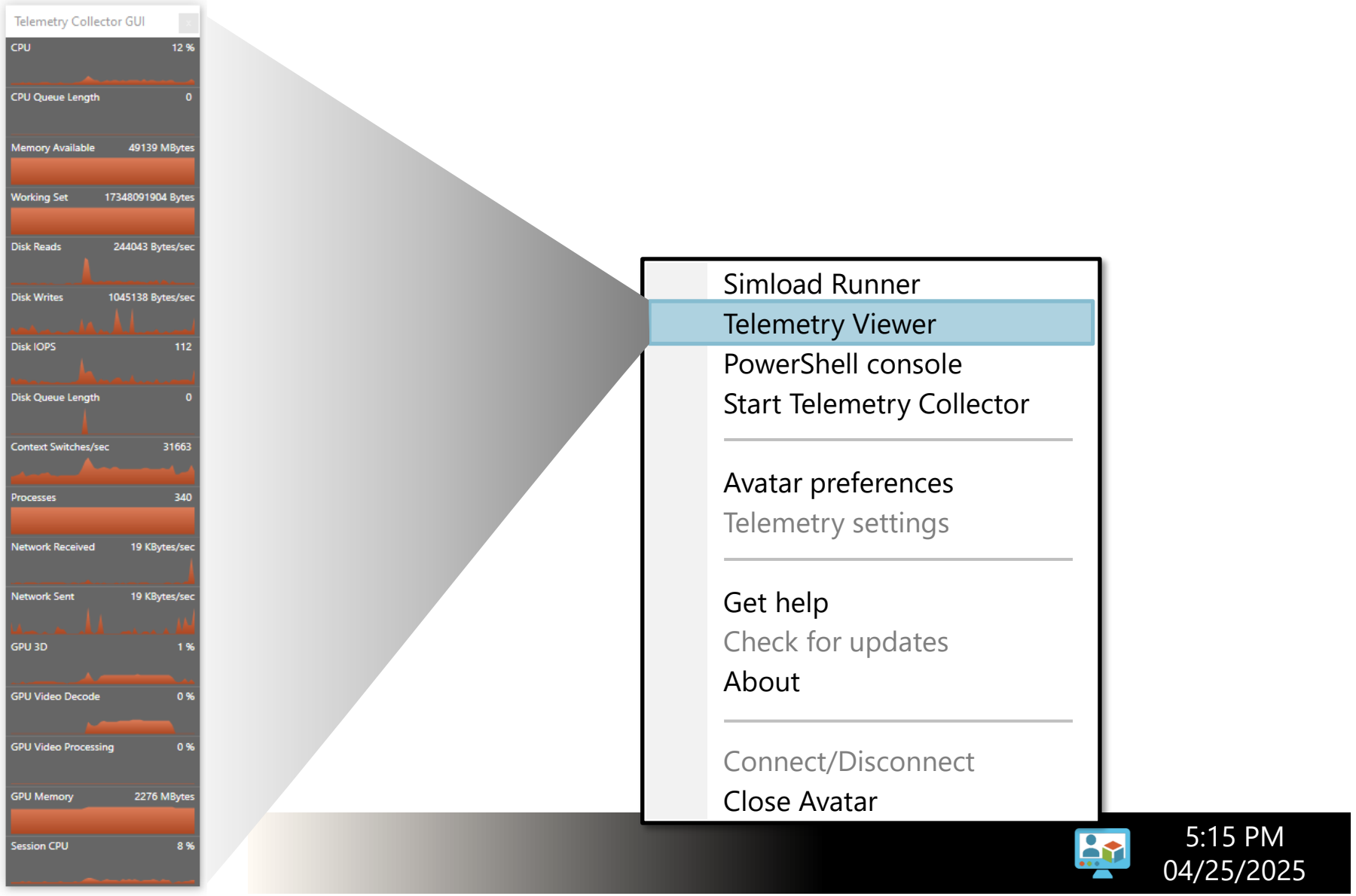
Last update: May 8, 2024

EUC Score Base Installer Package v25.04 - MANDATORY, INSTALL FIRST!		Download
EUC Score Enterprise Installer Package v25.04 - INSTALL AFTER BASE PACKAGE	**More Simloads**	Download
EUC Score Avatar Installer Package v25.04 - INSTALL AFTER BASE PACKAGE	**Better Control**	Download
EUC Score Sync Player Installer Package v25.04	**Visualization**	Download

Setting Up an Advanced Test Lab

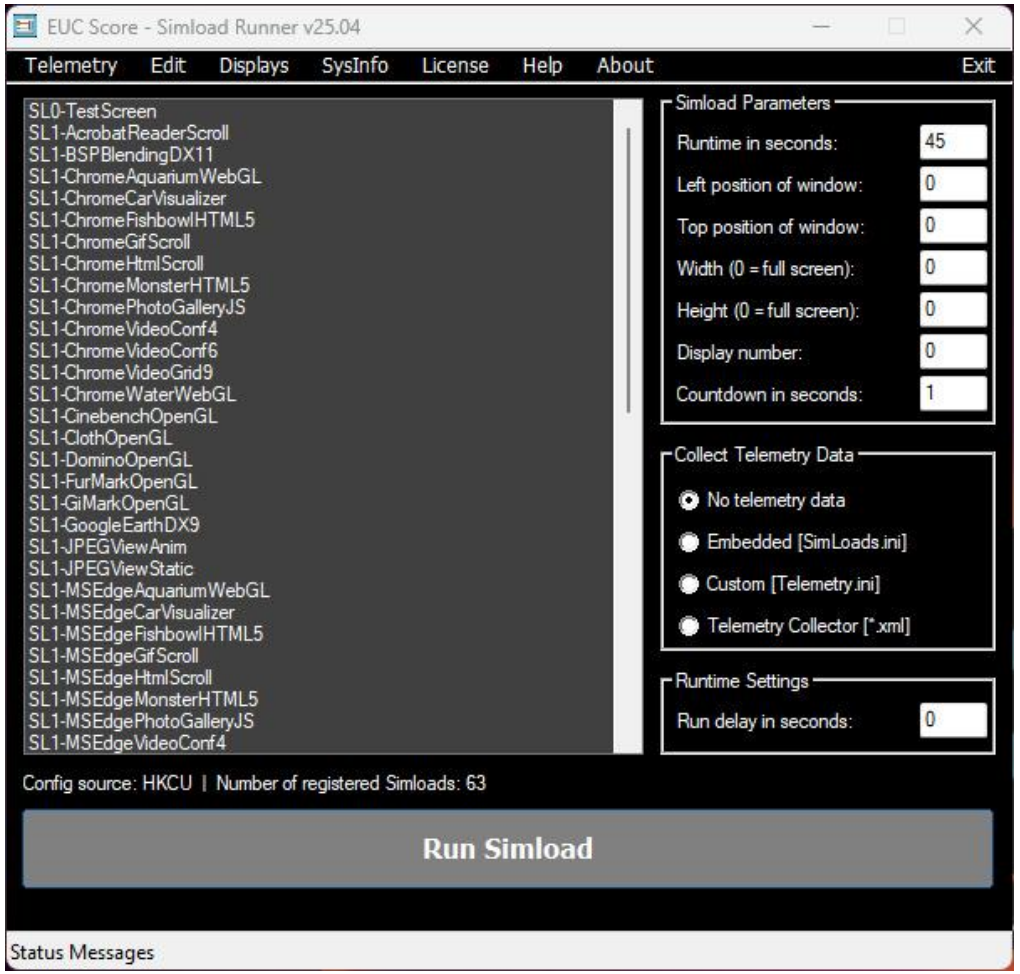


Avatar – Telemetry Viewer

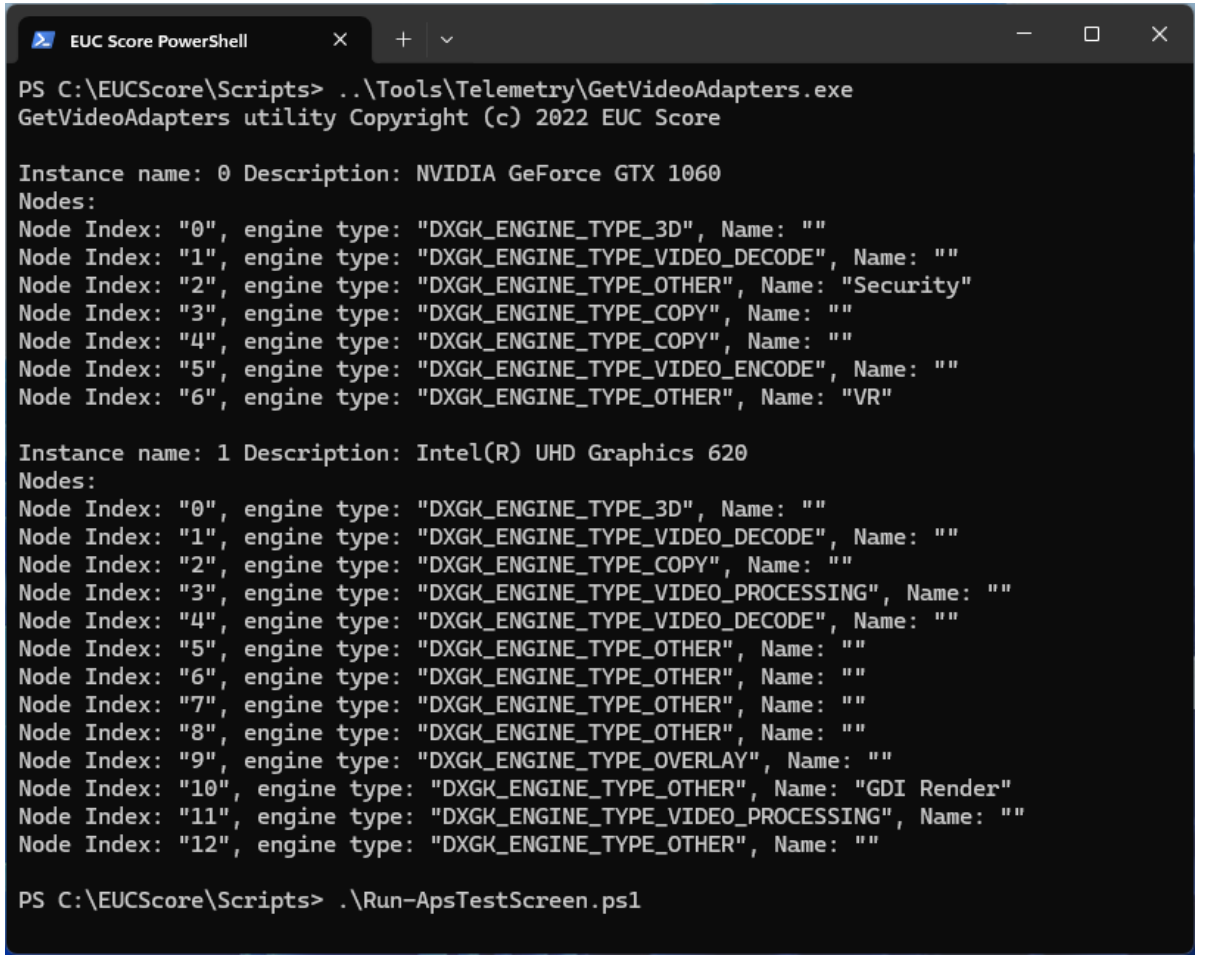


Run Simloads

From Simload Runner



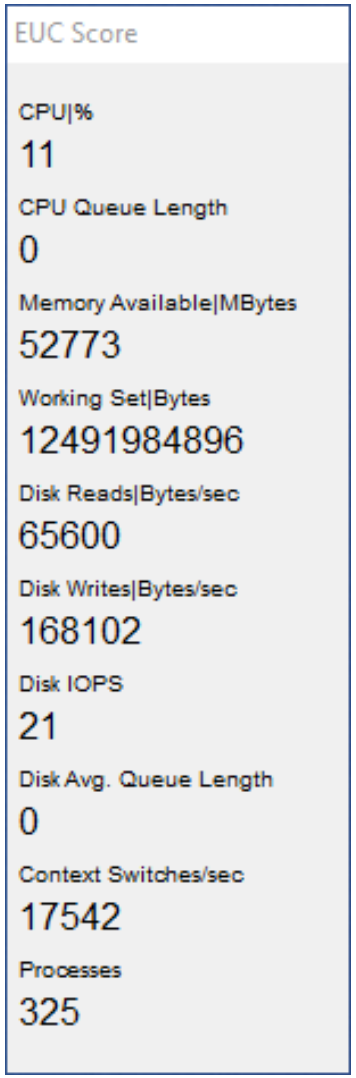
From Avatar PowerShell Console



Avatar PowerShell Syntax

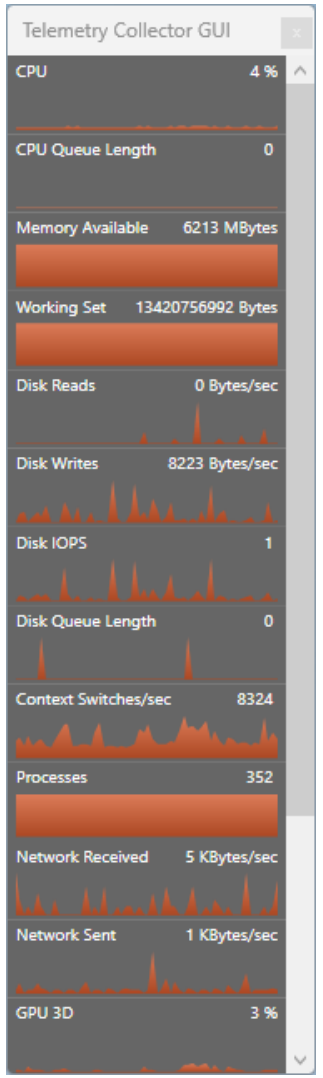
- Import-Module -Name C:\EUCScore\Tools\PSModule\EucScorePSModule
- Get-Command -Module EucScorePSModule
- List-EucSimloadItem
- Run-EucSimload -SimloadName <string> -Seconds <int> [-Telemetry] [-x <int> -y <int> [-width <int> -height <int>]]
- Start-EucSimload -SimloadName <string> -TempObject <string> [-x <int> -y <int> [-width <int> -height <int>]]
- Stop-EucSimload -SimloadName <string> -TempObject <string>
- Start-EucTelemetryCollector -Id <string> [-TelemetryFile <string>]
- Stop-EucTelemetryCollector

Collect Telemetry Data (= Perf Counters)

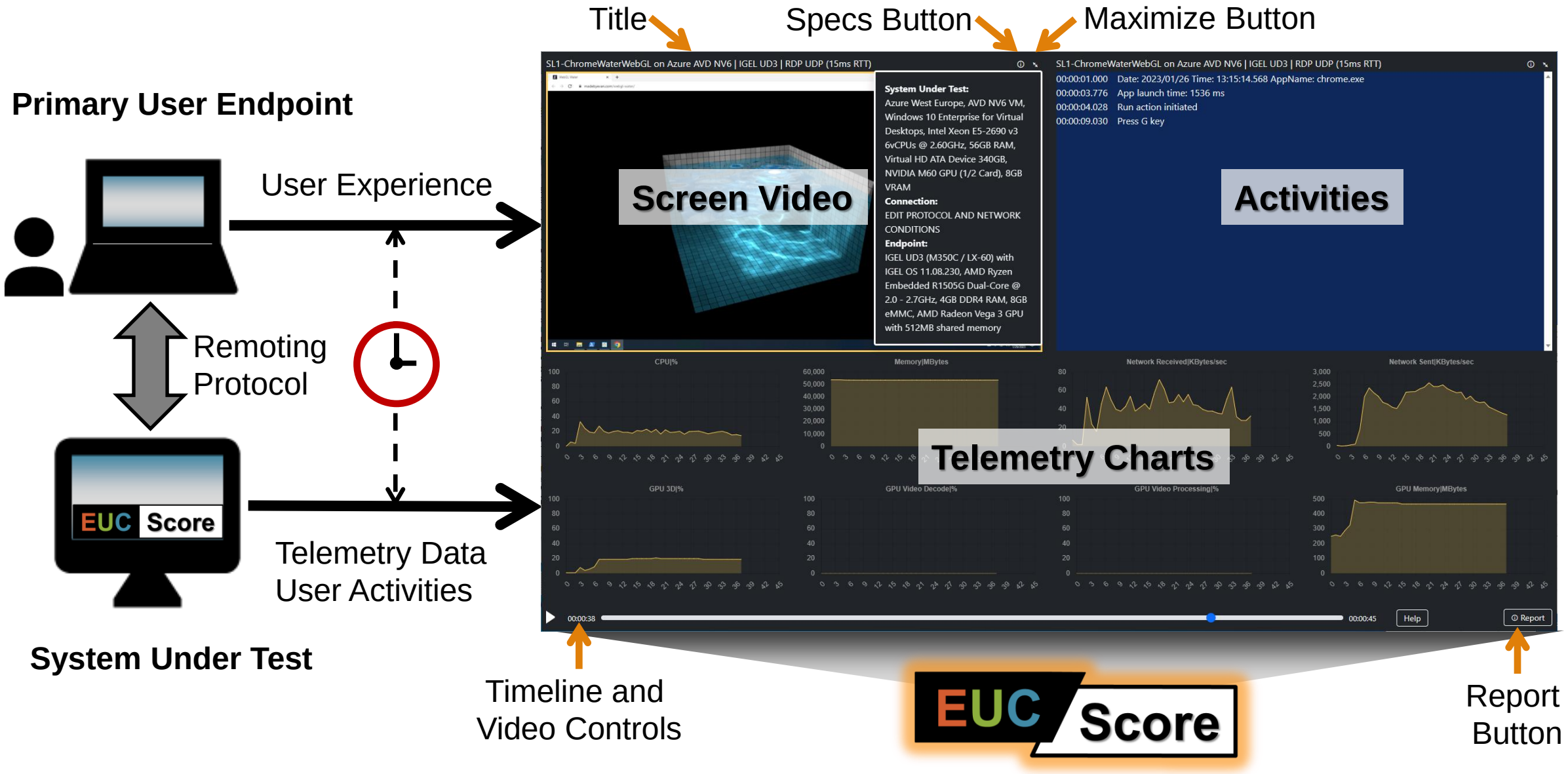


Core Telemetry / Base Counters

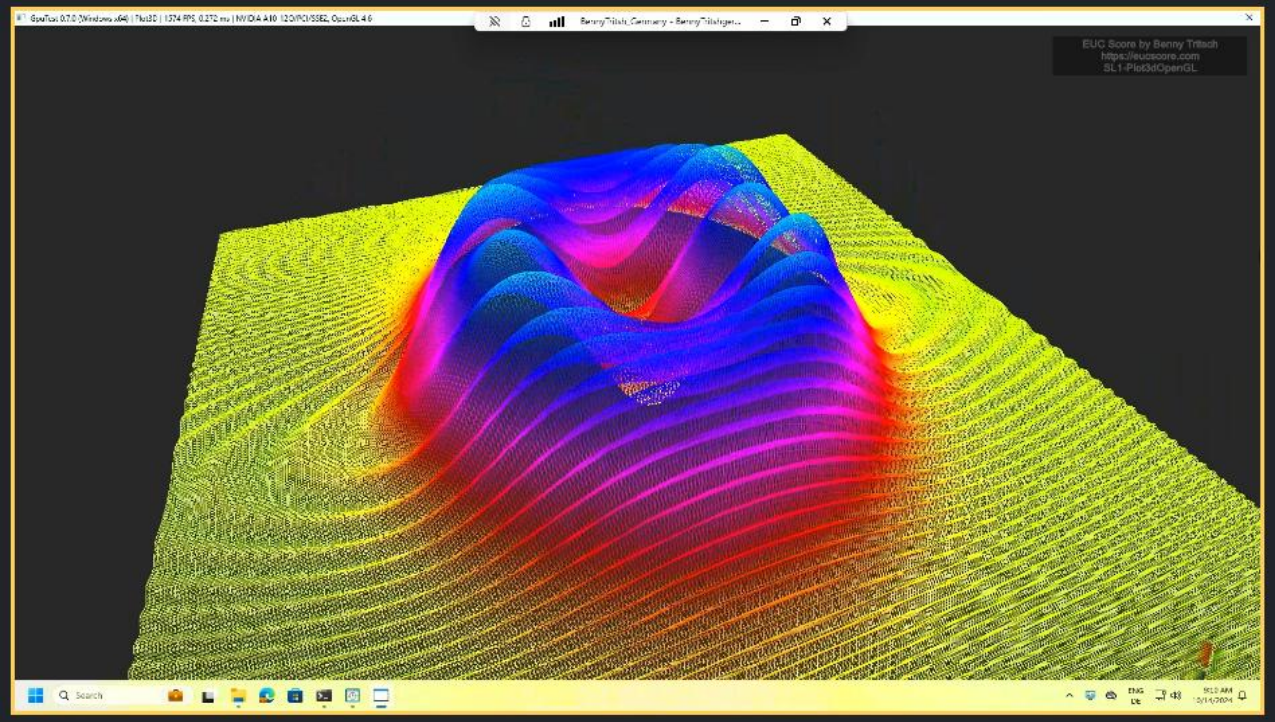
Avatar Telemetry Collector



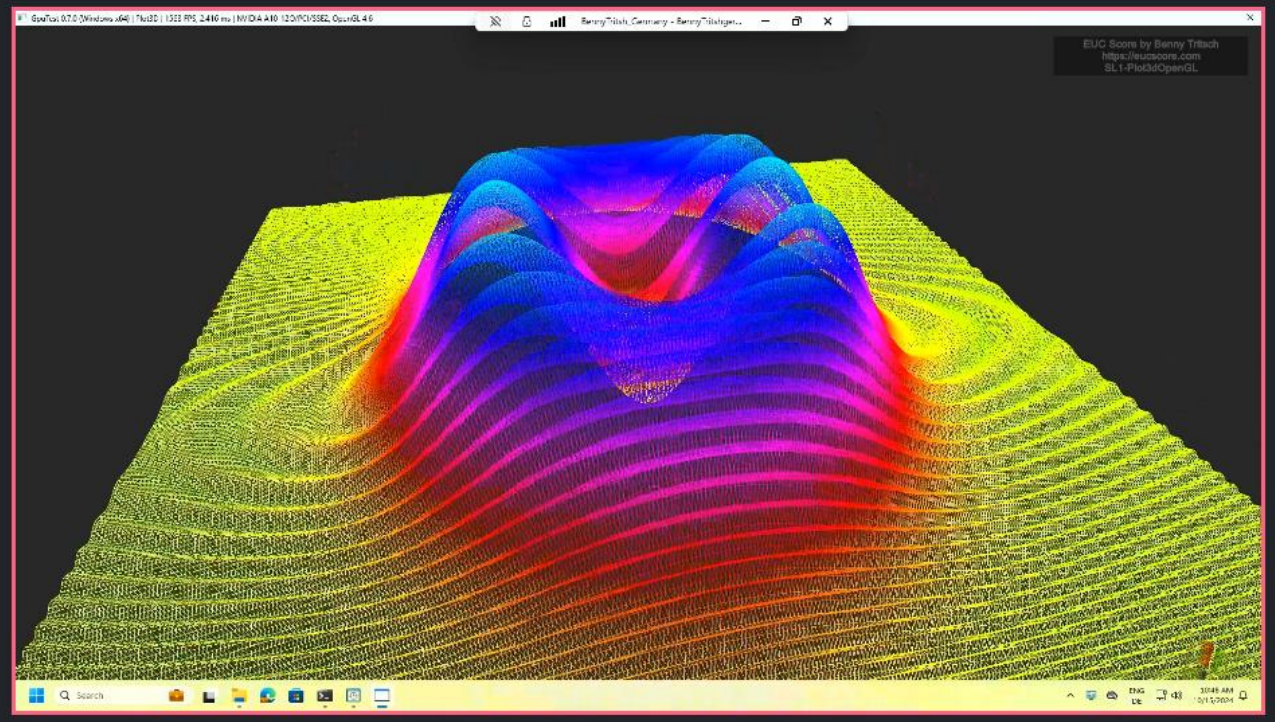
Visual Data Analytics – Sync Player

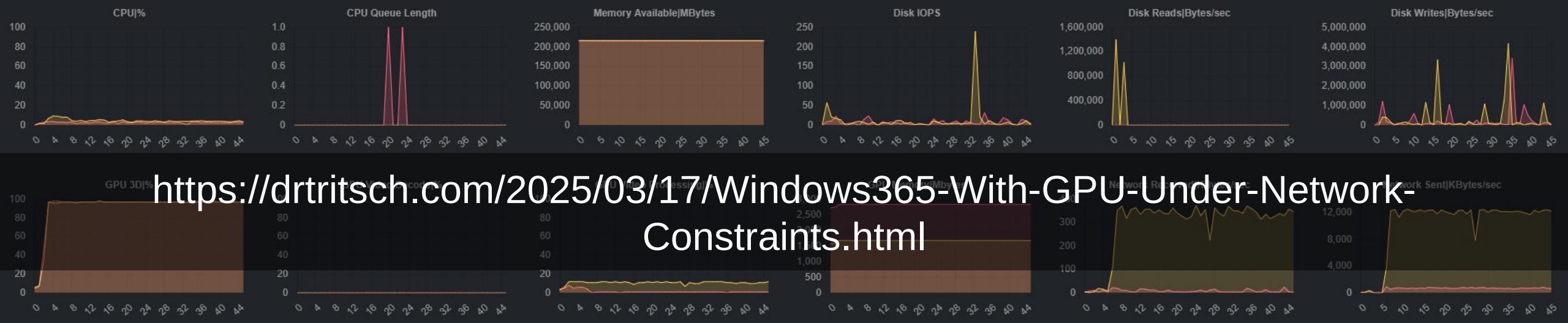


SL1-Plot3dOpenGL on Azure Windows 365 Enterprise GPU Super | SxS RDP UDP (10ms RTT)



SL1-Plot3dOpenGL on Azure Windows 365 Enterprise GPU Super | SxS RDP UDP (10ms RTT, 8mbps)

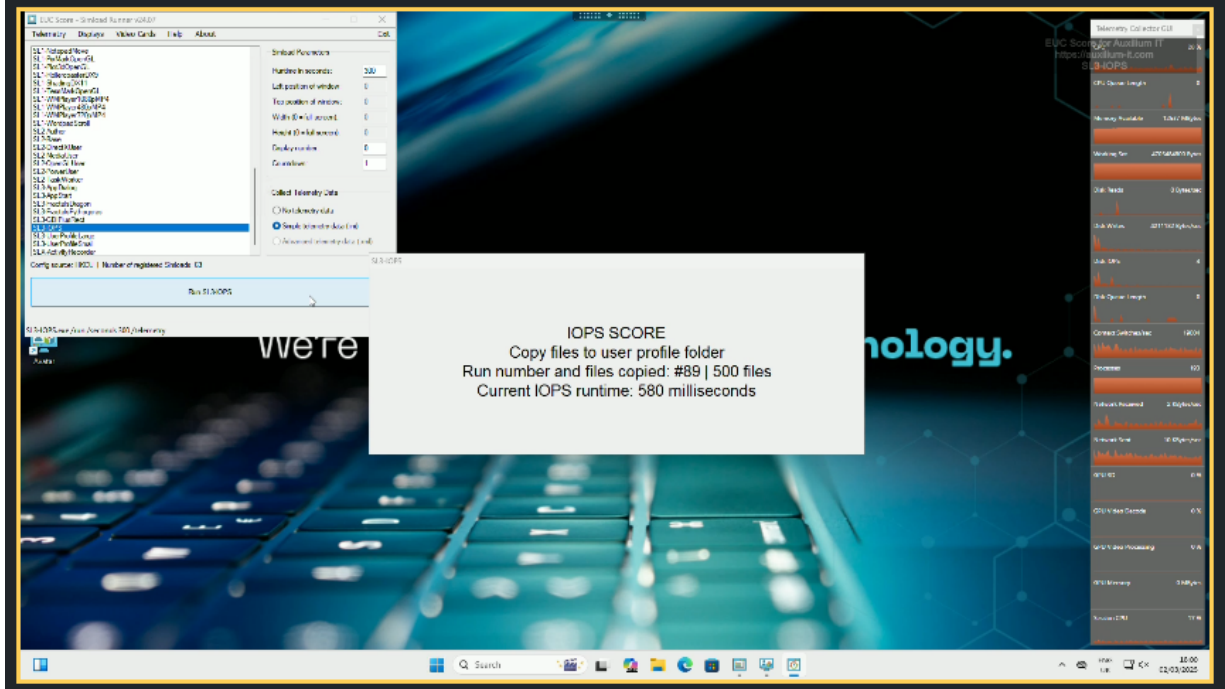




https://drtritsch.com/2025/03/17/Windows365-With-GPU-Under-Network-Constraints.html

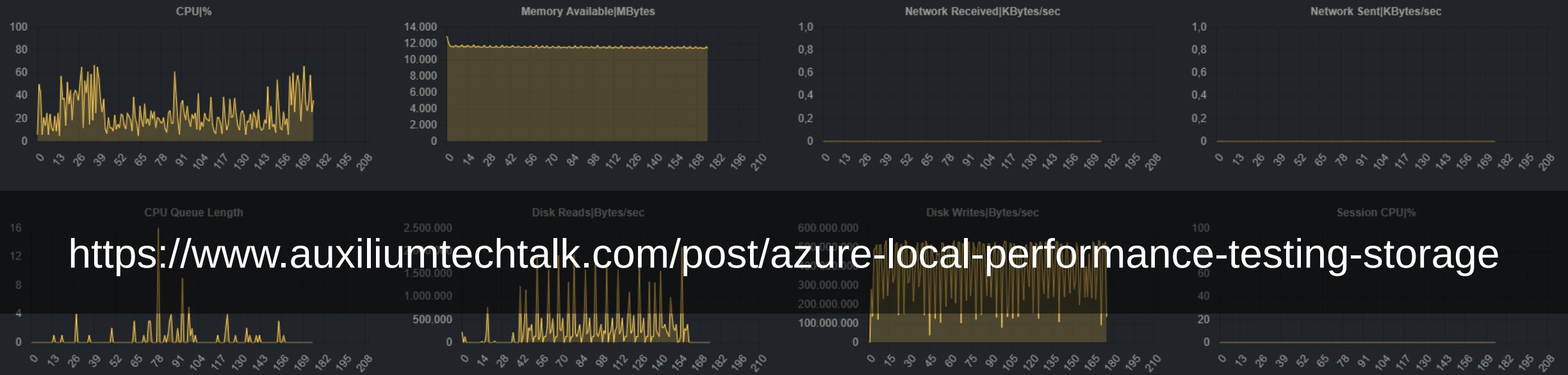
00:00:44 00:00:44 Help Report

SL3-IOPS on SL3-IOPS-AZL-MAX



SL3-IOPS on EDIT RIGHT TITLE

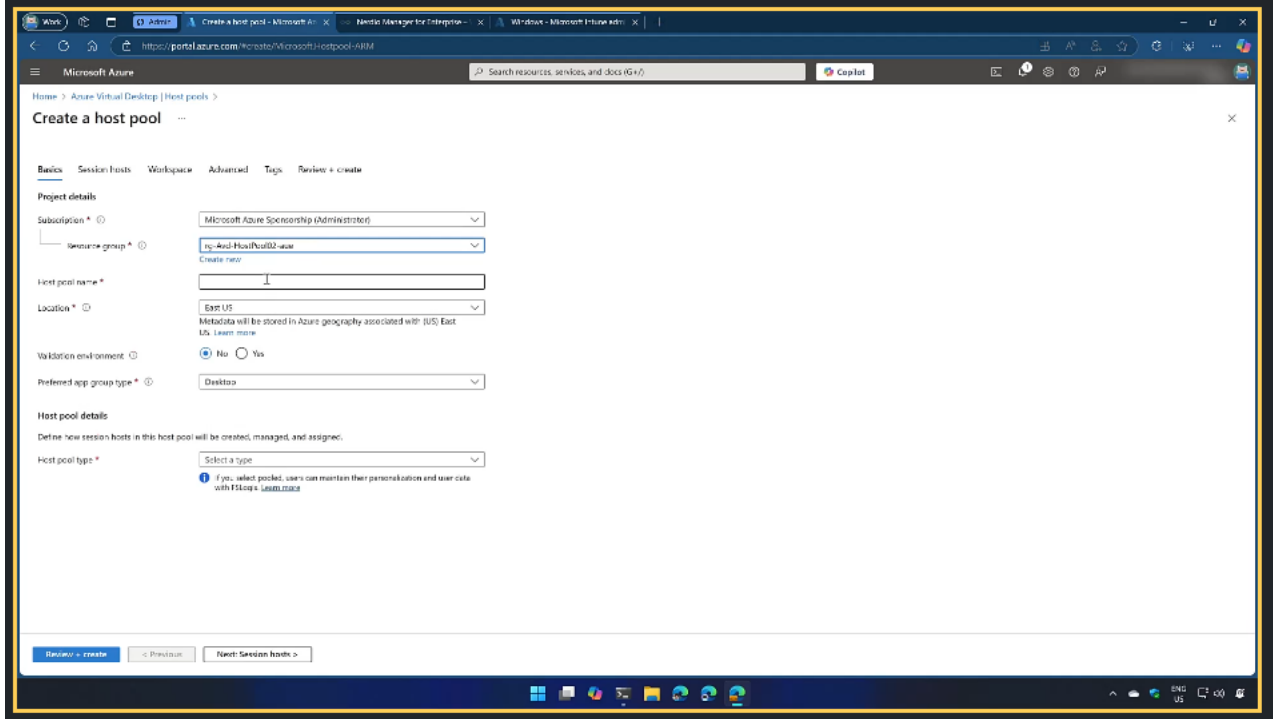
```
00:02:48.348  Run #44: 500 files copied. Runtime is 2747 milliseconds
00:02:49.368  Run #45: Start file copy to produce IOPS
00:02:52.062  Run #45: 500 files copied. Runtime is 2693 milliseconds
00:02:53.068  Run #46: Start file copy to produce IOPS
00:02:55.857  Run #46: 500 files copied. Runtime is 2788 milliseconds
00:02:56.871  Run #47: Start file copy to produce IOPS
00:02:59.488  Run #47: 500 files copied. Runtime is 2615 milliseconds
00:03:00.494  Run #48: Start file copy to produce IOPS
00:03:03.333  Run #48: 500 files copied. Runtime is 2843 milliseconds
00:03:04.344  Run #49: Start file copy to produce IOPS
00:03:07.130  Run #49: 500 files copied. Runtime is 2785 milliseconds
00:03:08.132  Run #50: Start file copy to produce IOPS
00:03:10.834  Run #50: 500 files copied. Runtime is 2705 milliseconds
00:03:11.835  Run #51: Start file copy to produce IOPS
00:03:14.553  Run #51: 500 files copied. Runtime is 2726 milliseconds
00:03:15.560  Run #52: Start file copy to produce IOPS
00:03:18.322  Run #52: 500 files copied. Runtime is 2760 milliseconds
00:03:19.330  Run #53: Start file copy to produce IOPS
00:03:22.075  Run #53: 500 files copied. Runtime is 2742 milliseconds
00:03:23.087  Run #54: Start file copy to produce IOPS
```



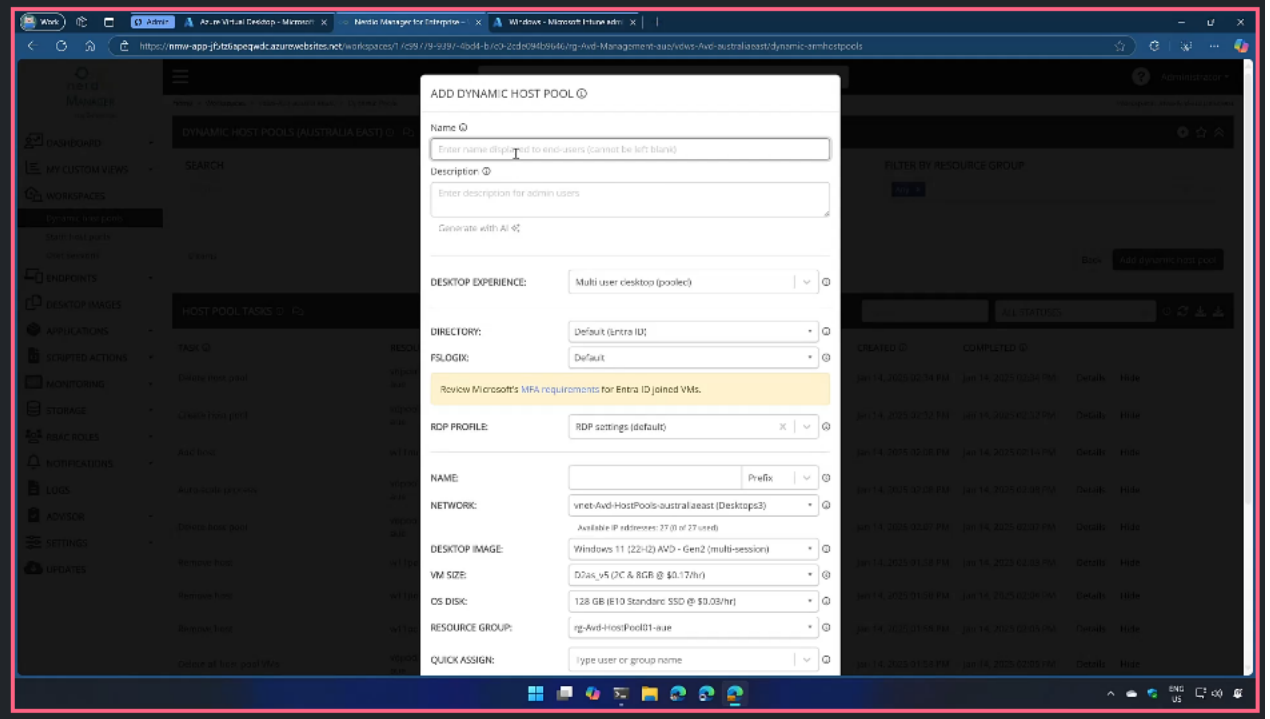
https://www.auxiliumtechtalk.com/post/azure-local-performance-testing-storage

00:04:19 00:05:12 Help Report

AVD Console: Create a pooled multi-session host pool and deploy session hosts



NME Console: Create a pooled multi-session host pool and deploy session hosts




```
00:00:00.000 Test Scenario: New Pooled Host Pool with Multiple Hosts on AVD Console
00:00:00.000 Date: 2025/01/14 | Time: 17:04:38.838 | AppName:
00:00:00.000 Simload: SLX-ActivityRecorder | Computername: HYPERHOST | Username: Aaron
00:00:00.000 Number of Monitors: 1 | Default Monitor: 1 (0 0 1920 1080)
00:00:00.000 Pre-Simload countdown screen was visible for 1 sec
00:00:00.000 Delay between Simload start time and activity log start time: 1.565 sec
00:00:01.089 Delay between Simload start time and core telemetry start time: 0.503 sec
00:00:01.094 Initialize settings
00:00:01.105 Run action initiated
00:00:01.160 Mouse click 1 on the "Host pools" item in the Azure Virtual Desktop resource menu
00:00:02.040 The "Host pools" working pane becomes visible
00:00:03.200 Mouse click 2 to create a new host pool in the command bar. Launching wizard
00:00:03.510 The first page ("Basics") of the "Create a host pool" wizard becomes visible
00:00:05.270 Mouse click 3 to open the "Resource group" dropdown menu
00:00:06.350 Mouse click 4 to select the "rg-Avd_HostPool02-aue" resource group
```

```
00:00:00.000 Test Scenario: New Pooled Host Pool with Multiple Hosts on NME Console
00:00:00.000 Date: 2025/01/14 | Time: 14:41:17.274 | AppName:
00:00:00.000 Simload: SLX-ActivityRecorder | Computername: HYPERHOST | Username: Aaron
00:00:00.000 Number of Monitors: 1 | Default Monitor: 1 (0 0 1920 1080)
00:00:00.000 Pre-Simload countdown screen was visible for 1 sec
00:00:00.000 Delay between Simload start time and activity log start time: 1.571 sec
00:00:01.106 Delay between Simload start time and core telemetry start time: 0.494 sec
00:00:01.109 Initialize settings
00:00:01.116 Run action initiated
00:00:03.020 Mouse click 1 on the "vdws-Avd-australiaeast" link in the Nerdio Manager for Enterprise Workspaces page
00:00:03.120 The "Dynamic Host Pools" working pane becomes visible
00:00:04.030 Mouse click 2 to create a new host pool in the command bar. Launching wizard
00:00:05.060 The "Add Dynamic Host Pool" dialog becomes visible
00:00:06.390 Mouse click 3 to set focus on the "Name" text input field
00:00:07.210 Keyboard input 1 to press shortcut CTRL-V to paste the image name
```

https://drtritsch.com/2025/04/17/Microsoft-Azure-vs-Nerdio-Manager.html

00:00:07 00:07:51 Help Report

EUC Score Components	Freeware Edition Free Download	Community Edition Requires Free License	Pro Edition (Single User) Requires License	Enterprise Edition Requires License
Base Simloads (single app)	✓	✓	✓	✓
Simple Personas (multiple apps)	✓	✓	✓	✓
Score Simloads	✓	✓	✓	✓
Simload Runner	✓	✓	✓	✓
Core Telemetry / Base Counters	✓	✓	✓	✓
Command-Line Automation	✓	✓	✓	✓
Data Miner	✓	✓	✓	✓
Shared Results	(✓)	✓	—	—
For Community Usage	(✓)	✓	—	—
Advanced Simloads (single app)		✓	✓	✓
Advanced Personas (multiple apps)		✓	✓	✓
Avatar (tray app)		✓	✓	✓
Telemetry Collector (CSV file & GUI)		✓	✓	✓
PowerShell Object & Automation		✓	✓	✓
Sync Player		✓	✓	✓
Protected Results			✓	✓
For Individual Commercial Usage			✓	✓
Simload SDK				✓
Online Training (2h/quarter)				✓
For Enterprise Commercial Usage				✓
Support	Community	Community	Email	Email
Subscription Fee	Free	Free	€495/year €149/quarter	€5,000/year €1,500/quarter

Commercial Options

- Enterprise (Vendor): Quarterly or annual subscription fee, no services
- Partner (Consulting): Hourly or daily rates for contributions of guided POCs
- Customer Project: Hourly or daily rates + 3-month usage fee (SOW)
- Community Project: Discounted hourly or daily rates, free license

Guided POC details

1. EUC Score consulting partner builds and optimizes POC environment
2. EUC Score consulting partner installs EUC Score toolset (requires EUC Score license)
3. Dr. Tritsch IT Consulting conducts EUC Score benchmarking tests as part of the guided POC project, including visualizations, analysis and comparisons to reference systems
4. EUC Score consulting partner presents POC details and EUC Score benchmarking results to the customer

Call to Action

If you want to learn more about EUC Score, send me an email

info@eucscore.com

https://eucscore.com
https://eucscore.com/results

NOTE: The EUC Score toolset is free for community benchmarking tests when the results are made freely available to the public

EUC Score Links

https://eucscore.com

Home Page

https://eucscore.com/freeware

Freeware Download

- Blog articles: https://drtritsch.com
- Toolset documentation: https://docs.eucscore.com
- Test Methodology: https://eucscore.com/methodology.html
- Simload Gallery: https://eucscore.com/gallery.html
- Test Results (Sync Player): https://eucscore.com/results
- Terminology (Glossary): https://eucscore.com/terminology.html
- Lab Equipment: https://eucscore.com/equipment.html

Virtualization Conference
www.e2evc.com

EUC Score

What users really expect from Windows in the cloud - and three ways to (not) deliver it

E2EMVC 2025, Amsterdam, Saturday, May 17, 2025, Room 3, after lunch

Dr. Benny Tritsch | Independent Performance Data Scientist
info@eucscore.com | https://drtritsch.com | linkedin.com/in/drtritsch

NVIDIA Advisor NVIDIA Enterprise Platform | omnissa TECH INSIDER | NERDIO VALUED PROFESSIONAL | MVP Microsoft Most Valuable Professional | VIPP Very Important Parallels Professional Parallels

Thank You

Benny Tritsch | info@eucscore.com

EUC Score Editions

Community Edition

- EUC Score Toolbox subscription: €0 (yes, it's completely free)
- Requires license and registration
- The test results must be made freely available to the public
- No Simload SDK
- EUC Score consulting services are offered at a discounted rate (and we share the results)

Business Edition

- EUC Score Toolbox subscription: €5,000/year or €1,500/quarter
- Requires license and registration
- The customer owns the test results exclusively
- Simload SDK included
- Full daily consulting rate, with or without extra equipment (frame grabbers or WAN emulators)

Individual Commercial Edition (for Consultants): €495/year or €149/quarter