SYSTEM ENVIRONMENT REQUIREMENTS

Document number: PC-007-System Environment Requirements Rev.10_EN
Document revision date: 2024-09-09

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1   GENERAL INFORMATION

Hermes Medical Solutions' software have been verified on systems with the specifications described in this document. For questions regarding other combinations, please contact the support service, see Contact Information.

For our reconstruction and voxel based dosimetry software there are specific requirements which are described in separate columns and supersedes the general requirements.

Hermes Medical Solutions welcomes feedback from readers of this manual, please report any errors in content or typography and suggestions for improvements to our support, see Contact Information.

NOTE: It is the customer's responsibility to install and maintain anti-virus software on the server and client computers and apply the necessary protection against potential threats.

1.1 Warning

⚠️ Only properly trained service personnel of Hermes Medical Solutions, or an authorized dealer, shall perform installations, and service of this product.

⚠️ No other than Hermes Medical Solutions approved applications shall be installed on the computer device for which Hermes Medical Solutions applications are intended to be used. Use of other applications may result in impaired performance and, in the worst case, incorrect output data.

2 VERIFIED SYSTEM COMBINATIONS

For all our products · Hermes licensing software: ExplorerPWD V4.6.2 or later.
All graphic cards (GPU) mentioned below are from NVIDIA®.

2.1 Laptops

Operating System	Graphics Card	Resolution	Specific requirements for Hybrid Reconstruction and Voxel Dosimetry*
Microsoft® Windows 11 (64bit)	RTX™ x000 Ada	1920 x 1080@60Hz	RTX™ 2000 Ada Scale and layout: 100% (no larger) Driver Branch R535 (at least U2)
	RTX™ A2000	1920 x 1080@60Hz	RTX™ A2000 (4GB|8GB) Scale and layout: 100% (no larger) Driver Branch R535 (at least U2)
	Quadro® Tx000	1920 x 1080@60Hz	Quadro® T1000/T2000 Scale and layout: 100% (no larger) Driver Branch R535 (at least U2)
Microsoft® Windows 10 (64bit)	RTX™ A2000 (4GB|8GB)	1920 x 1080@60Hz	RTX™ A2000 (4GB|8GB) Scale and layout: 100% (no larger) Driver Branch R535 (at least U2)
	Quadro® Tx000	1920 x 1080@60Hz	Quadro® T1000/T2000 Scale and layout: 100% (no larger) Driver Branch R525 (at least U7)

* For GPU accelerated reconstruction and voxel based dosimetry at least 6GB GPU Memory is required.

CPU: Intel®
RAM: Minimum 16GB

2.2 Workstations

Operating System	Graphics Card	Resolution	Specific requirements for Hybrid Reconstruction and Voxel Dosimetry**
Microsoft® Windows 11 (64bit)	RTX™ Axx00	1920 x 1200@60Hz*	Scale and layout: 100% (no larger) Driver Branch R535 (at least U2)
Microsoft® Windows 10 (64bit)	RTX™ Axx00	1920 x 1200@60Hz*	Scale and layout: 100% (no larger) Driver Branch R525 (at least U7)
	Quadro® Px000/Px200	1920 x 1200@60Hz*	Min. Quadro® P2000 Scale and layout: 100% (no larger) Driver Branch R525 (at least U7)

* Maximum tested resolution: 2560x1400@60Hz. Maximum tested multimonitor: 2 monitors with resolution 1920x1200@60Hz
** For GPU accelerated reconstruction and voxel based dosimetry at least 6GB GPU Memory is required.

CPU: Intel®
RAM: Minimum 16GB

2.3 Application Servers

Operating System	Graphics Card	Specific requirements for Hybrid Reconstruction and Voxel Dosimetry*
Microsoft® Server 2022	L4/L40/L40S	Driver Branch 16 (at least patch 2)
Microsoft® Server 2019	L4/L40/L40S	Driver Branch 16 (at least patch 2)
	Quadro® RTX™ x000	Min. Quadro® RTX™ 4000 Driver Branch R525 (at least U7)
Microsoft® Server 2016	Quadro® RTX™ x000	Min. Quadro® RTX™ 4000 Driver Branch R470 (at least U12)
	Quadro® Px000-series	Min. Quadro® P4000 Driver Branch R470 (at least U12)

* For GPU accelerated reconstruction and voxel based dosimetry at least 6GB GPU Memory is required.

CPU:	Intel®
RAM:	Minimum 64GB
Citrix VDA:	Citrix Virtual Apps 7 1912 LTSR (at least CU6) Citrix Virtual Apps 7 2203 LTSR (at least CU2) (recommended)
RDS:	For above supported Windows Server OS

2.4 Virtual Application Servers

Alternative 1	
Operating System	Microsoft® Server 2022
Graphics Card	NVIDIA® L4/L40/L40S
Hypervisor	VMWare VSphere Enterprise edition version 8.0 update 2 VCenter Server version 8.0 update 2
RAM	64GB
Driver versions	NVIDIA vGPU Software 16 Releases (at least patch 2)
Citrix VDA	Citrix Virtual Apps 7 2203 LTSR (at least CU2) (recommended)

Alternative 2	
Operating System	Microsoft® Server 2019
Graphics Card	NVIDIA® L4/L40/L40S
Hypervisor	VMWare VSphere Enterprise edition version 8.0 update 2 VCenter Server version 8.0 update 2
RAM	64GB
Driver versions	NVIDIA vGPU Software 16 Releases (at least patch 2)
Citrix VDA	Citrix Virtual Apps 7 2203 LTSR (at least CU2) (recommended)

Alternative 3	
Operating System	Microsoft® Server 2016
Graphics Card	NVIDIA® Tesla® P100-16Q
Hypervisor	VMWare VSphere Enterprise edition version 7.03G VCenter Server version 7.03G
RAM	64GB
Driver versions	NVIDIA vGPU Software 13 Releases (at least patch 7)
Citrix VDA	Citrix Virtual Apps 7 1912 LTSR (at least CU6) Citrix Virtual Apps 7 2203 LTSR (at least CU2) (recommended)

2.5 Application Server Clients

Monitor Resolution: Maximum tested resolution: 1920x1200@60Hz

Remote Access: Citrix Workspace app 1912 LTSR (at least CU6)
Citrix Workspace app 2203 LTSR (at least CU2) (recommended)
RDP Client Windows 10/11 (latest version recommended)

Network speed: Minimum 100 Mbps (recommended 1Gbps)

2.6 Microsoft Azure

Alternative 1	
Operating System	Microsoft® Server 2019
Graphics Card	NVIDIA® T4
Driver versions	NVIDIA vGPU Software 16 Releases (at least patch 1)
Virtual Machine	NCasT4_v3-series
Remote Access	Microsoft RemoteApp

NOTE: For the licensing, Corridor4DM requires dedicated virtual machine and Cedars-Sinai Cardiac Suite requires dedicated virtual machine or outgoing internet access.

3 CONTACT INFORMATION

Contact any of the addresses below for service, support or if you have any other questions.

3.1 Manufacturer contact information

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3.2 Representatives

Authorized representatives

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