LSEG WORKSPACE
SYSTEM REQUIREMENTS

The list of system requirements that users must meet to run LSEG Workspace® on a personal computer, where the operating system is either Microsoft® Windows® or Apple® macOS®.

Desktop access [1]

		High resource	Recommended	Minimum
Processor [2]	Intel®	Core™ i9 (14 cores)	Core i7 (10 cores)	Core i5 (8 cores)
	AMD	Ryzen™ 9 (12 cores)	Ryzen 7 (8 cores)	Ryzen 5 (4 cores)
	Apple	M1 Ultra	M1 Max	M1
Graphic Processing Unit		It is strongly recommended that 3D GPU acceleration is enabled. Workspace is based on Chromium, which uses the GPU for rendering environments.		
Memory		24 Gb	Single screen: 8 Gb Multiple screens [3]: 16 Gb	8 Gb
Hard disk		3 GB free disk space or higher		1 GB free disk space
Screen resolution		1920 x 1080 or higher	1920 x 1080	1280 x 1024
Virtual Desktop Infrastructure [4]		Support is based on the ability of VDI platforms to continuously meet the minimum system requirements.		
Operating system	Windows [5] [6]	10 or higher (64-bit only)		
	macOS	10.13 (High Sierra) or higher		

Web access

	Recommended	Minimum
Display settings	1920 x 1280	1024 x 768
Web browser [7] [8]	Workspace web access is supported on the following versions of: Google Chrome™ - Stable channel version(s) Microsoft Edge – Stable channel version(s) Apple Safari® - running under the Workspace-supported versions of macOS	

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[1] Hardware - CPU, memory, and GPU - of a higher specification may be necessary, depending on the requirements of other LSEG or third-party applications that are run concurrently with Workspace.

[2] The number of cores (or logical processors) specified for each processor are for the base model of the respective processor that is currently available. However, earlier generations of the same processors that are still maintained by their respective manufacturers can be used to run Workspace at the resource levels indicated above.
So, for instance, the Intel Core i5 specified above, is a 13th generation processor. However, the base 7th generation 'Kaby Lake' processor (4 cores) is maintained by Intel and thus supported to run LSEG Workspace.

[3] With Advanced Monitoring - multiple screens, running different applications.

[4] LSEG currently provides limited testing support and technical advice on Citrix® VDI solutions. However, customers deploying a VDI solution should consider the following when deploying, updating, and running Workspace:
– The impact of network latency and equipment used.
– The potential for virtualization machines to adversely affect performance for end users.

[5] The recommended Windows 11 editions are Pro and Enterprise.

[6] The wmic (Windows Management Interface Command) tool can be removed from Windows version 10 onwards. However, it is currently a requirement for Workspace to run. This dependency will be removed from an upcoming version of Workspace.

[7] Workspace may run on other releases of these browsers, but you might not be able to use all features.

[8] Running on Windows OS or macOS platforms. Tablets are currently unsupported.

Mobile access

The LSEG Workspace iOS and Android apps can be downloaded from their respective store pages, below, where handset requirements are also defined:

- iOS
- Android

Microsoft Office

Access to LSEG data and tools is provided through two add-ins that are available in the Office apps, Microsoft Excel® and Microsoft PowerPoint®:

- **Workspace** – Installed as part of the Workspace desktop package, the ribbon for this add-in contains the full list of Web-based and COM options.
- **Workspace 365** – An app found on the Microsoft AppSource®, this ribbon contains Web-based capabilities only.

For information regarding:

- Microsoft Office version requirements and browser compatibility, refer to the Workspace Add-Ins - System Requirements.
- Tools supported by each add-in, refer to the Workspace Add-Ins – Microsoft Office Version Comparison.
- Prerequisites, installation, and deployment instructions for the required add-in, refer to:
  - the Workspace Add-Ins - Office Installation Guide, or
  - the Workspace Add-Ins - 365 Installation Guide.

Virtualized environments

LSEG has validated the use of Workspace in Citrix and VMWare environments, the requirements for which are summarised in the sections that follow.

General requirements

	Recommended	Minimum
vCPUs (per user)[9]	6	4

Citrix

The following tables contain:

- The common CVAD combinations that LSEG has tested, and
- The specific requirements for each environment:

LTSR version	7.15	CVAD 7 1912	CVAD 7 2203
Cumulative Update	9	5	2

Virtual App (XenApp)

Windows Server version	• 2016 Datacenter • 2016 Standard	• 2019 Datacenter • 2019 Standard • 2022	• 2019 Datacenter • 2019 Standard • 2022

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[9] A minimum of two logical processors are required per user. Power and multi-screen users require more logical processors per user.

Virtual Desktop (XenDesktop)

LTSR version	7.15	CVAD 7 1912	CVAD 7 2203
Hypervisor	VMWare ESXi 6.7	VMWare ESXi 6.7	VMWare ESXi 6.7

Citrix Workspace app

The following Workspace app version has been tested with the Virtual App and Virtual Desktop LTSR versions shown in the tables above:

− Citrix Workspace 2203 for Windows (22.3.2000), Cumulative Update 2

VMware Horizon

Running Workspace under VMware Horizon version 8 has been tested successfully in the following configurations:

	Application / Service	Version(s)
VMWare	Horizon Connection Server	• 2203
	Horizon Agent	• 2203
	Horizon Client	• 2203 • 2212
	Blast (display protocol)	
Microsoft	Windows	• 10 • 11
	Windows Server	• 2016 • 2019 • 2022

Security

Transport Layer Security

to continue to access Real-Time services, Workspace users must ensure **Use TLS 1.2** is enabled in their Internet Security settings.

For further information, see PCN205244-Change in supported TLS protocols for Eikon and Workspace.

Data transfer

The figures in the table below, indicate the minimum recommended bandwidth to run the home page of the default Workspace installation during periods of high activity.

	Workspace desktop	Workspace Web
Asset Portfolio Management		100 kb/s
Foreign Exchange (FX)		75 kb/s
Investment Banking	175 kb/s	85 kb/s
Trading		100 kb/s
Wealth Management		85 kb/s