



Bandwidth and application session recording file size

- Parallels Secure Workspace

Resolution

How much bandwidth Parallels Secure Workspace uses and how large the file size of application session recordings is, determines a lot on the use case.

For instance, the bandwidth or file size of a recording will be rather small for a user who uses a typical office application (Microsoft Excel, Word, ...); while it would be on the high end for a user who does a lot of graphical work.

On average we would assume that the screen recording size would be between 40 to 100 MB per hour for a normal workload.

Another important factor is the screen resolution (and number of screens).

Therefore, the below metrics are just an indication.

For reference:

Scenario	Default mode	Description of the scenario
Idle	0.3 Kbps	The user has paused work and there are no active screen updates.
Microsoft Word/Excel	100-150 Kbps	The user is actively working with Microsoft Word, typing, pasting graphics, and switching between documents.
Web Browsing	6-6.5 Mbps	The user is actively working with a graphically rich website that contains multiple static and animated images. The user scrolls the pages both horizontally and vertically.
Fullscreen Video playback	7.5-8.5 Mbps	The user is watching a 30 FPS video that maximized to a fullscreen

Some different scenarios/resolutions:

Time (sec)	Resolution	Audio	Size (MB)	MB per sec	MB per min	MB per hour	Task Type
200	1920x976	Yes	120,1	0,601	36,03	2.161,80	Heaviest Workload / Full-screen Video
225	1452x799	Yes	138,8	0,617	37,01	2.220,80	Heaviest Workload / Full-screen Video
90	1452x799	Yes	60,4	0,671	40,27	2.416,00	Heaviest Workload / Full-screen Video
66	1452x799	No	9,5	0,144	8,64	518,18	Medium Workload / Internet Browsing

66	1452x799	No	0,707	0,011	0,64	38,56	Light Workload- Word/Excel/Data Entry
64	1452x799	No	0,341	0,005	0,32	19,18	Static/Minimum- Rare Screen Updates

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