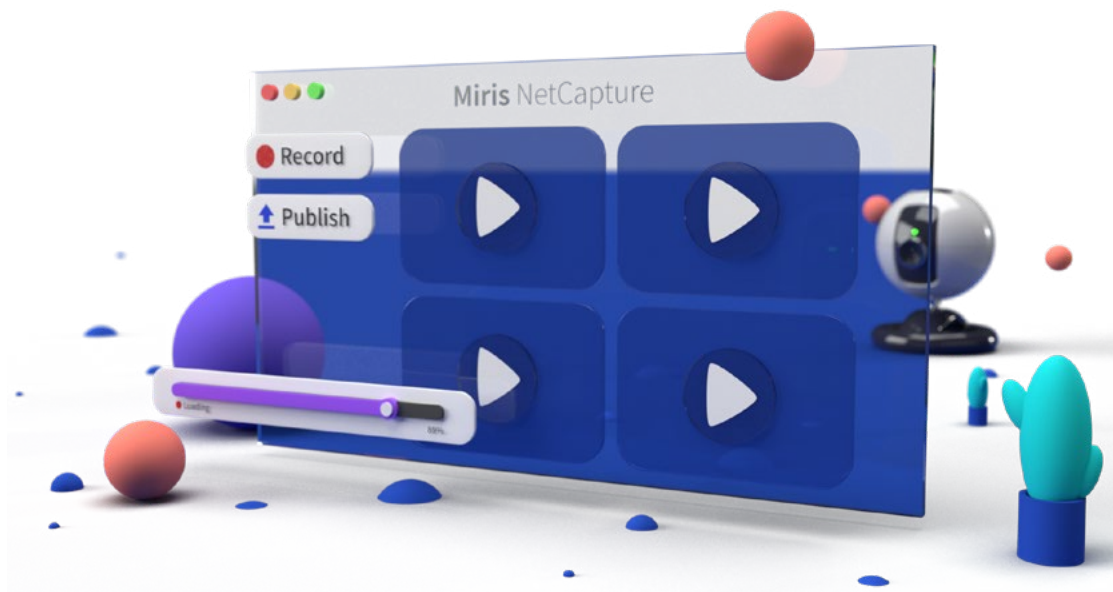


Miris Netcapture



Miris Netcapture is a professional cloud video recording solution.

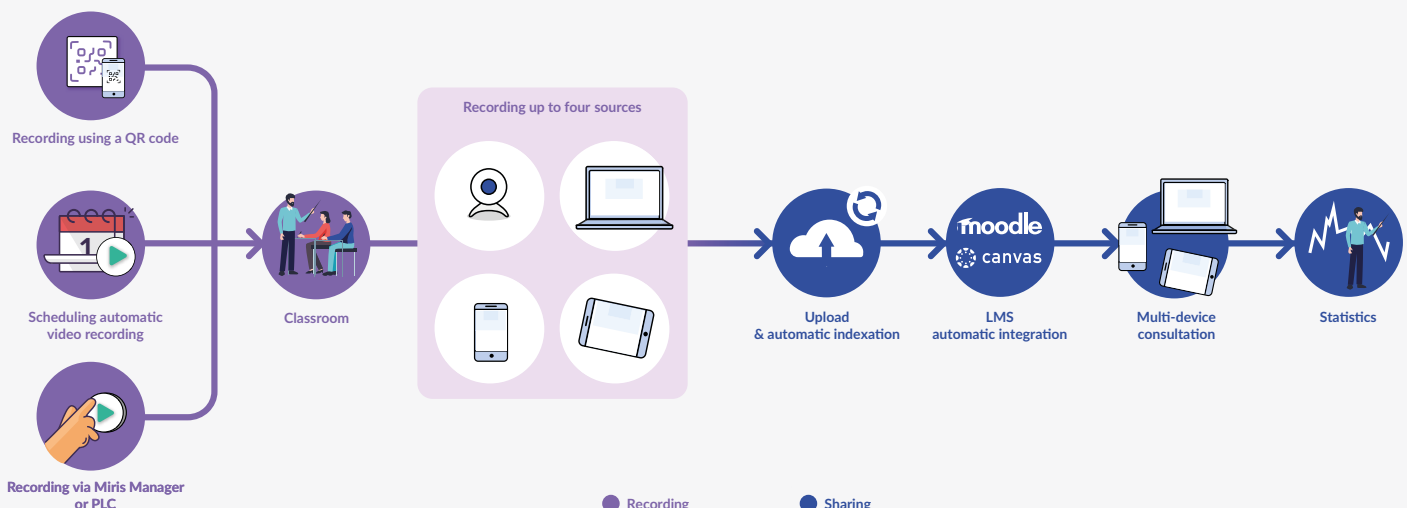
Install the Netcapture software on a dedicated or virtual server to capture up to 4 synchronised audiovisual sources via the network.



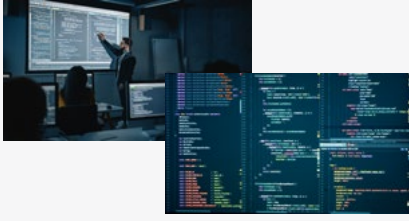
No need for unnecessary hardware! Miris Netcapture gives eyes, ears and memory to every room on a campus equipped with capture devices without compromising quality.

Schedule or start recordings when you're ready from the **Miris Manager** control interface or an in-room PLC. Supervise audio and video remotely in real time.

Automate your workflow to save time



Classroom



The content, audio and video streams are transferred over the network.



Netcapture Server



Miris Netcapture gathers and synchronizes all sources into a single video.

Miris Netcapture is installed on site, on dedicated or virtual servers.



Nudgis



The video is published on UbiCast's Nudgis video platform, hosted on your network or in the cloud, and integrated with your LMS via LTI.

Nudgis provides the best learning experience for teachers and learners with interactive video.

Technical specifications

Inputs

Supported codecs	H.264, AAC
Supported network source protocols	RTSP, NDI v5 (including NDI HX), SRT (Secure Reliable Transport)
Maximum simultaneously recording sources	6 (video + audio)
Maximum resolution of each source	1080p

Outputs

Supported Live protocols	HLS/H.264/AAC adaptive bitrate JPEG (low resolution snapshots) with audio level indicator Multiple streams RTMP/H.264/AAC
Supported recording formats	MP4/H.264/AAC
Maximum capture resolution	3840x2160 (4K) - 30 frames per second
Default H.264 output bitrate	5 Mbits/s

Deployment

Recommended location	On-premises datacenter
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Technical recommendations per room

	Capture resolution	Recommended source resolution	Threads / vCPU	RAM (GB)	Storage per recorded hour (GB)	Downstream bandwidth (Mbits/s)	Bande passante montante (Mbits/s)
	2160p	1080p	12	2	9	32	20
Recommended	1440p	720p	6	2	4,5	16	10
	1080p	720p	4	1	3,6	16	8
	720p	720p	1	1	1,8	16	4