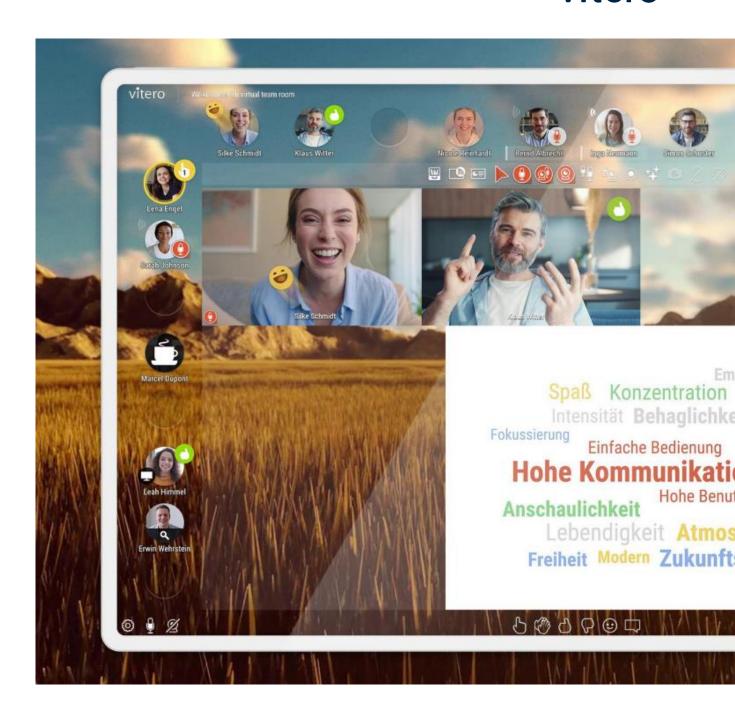# vitero inspire system requirements

SAAS V4.1

Access to the virtual team room via browser

OPERATING SYSTEM

	Minimum requirement	recommended
Windows[*]	Windows 10 (64-Bit)	—
Linux	Ubuntu 20.04	—
macOS	Monterey 12	Ventura 13
iPadOS[*]	Version 15.0	Version 16
iOS[*]	Version 15.0	Version 16
Android[*]	Version 10	Version 11

* ESSENTIAL OPERATING SYSTEM DEPENDENT DIFFERENCES

Audio: The output and input device cannot be selected under [iPadOS] and [iOS]. The output device cannot be selected under [Android]. On [iOS], the listening volume and microphone volume sliders are disabled.

Login: When using an [iOS] or [iPadOS] device, the virtual team room can only be accessed via the native Safari browser.

Screenshots: Screenshots can be created under [Windows] when using the vitero application file.

Screen Sharing: For [Android], [iPadOS] and [iOS] devices, Screen Sharing can only be used for "watching" and not for "showing", because of technical reasons. For technical reasons, the vitero application file under [Windows] is required in order to hand over the remote-control right. In order to receive the remote-control right, the above-mentioned operating systems are alternatively required under Windows, macOS or Linux.

Session Recorder: The vitero session recorder can only be used under [Windows] via a Windows application file. Also, a recording computer can be remotely controlled via the virtual team room (all listed operating systems and browsers).

Webcam: Up to 6 live images can be displayed simultaneously on [iOS] and [Android] and up to 10 live images on [iPadOS]. The background of a live image cannot be adjusted on [iPadOS], [iOS] and [Android].

Webcam Recorder: It is not possible to record live images with the webcam recorder on [iPadOS] & iOS.

* Operating system-dependent detailed differences can be found in the <u>vitero product features</u> and the <u>vitero online help</u>. Depending on the system configuration, there may be limitations in the range of functions under Citrix.

GENERAL NOTE

We continuously adapt our software to the latest browser versions. This may mean that older browser versions can no longer be supported. If there are temporary problems with the current browser versions, we work on a solution as soon as possible in order to restore full compatibility with the current browser versions.

BROWSER

	Recommended & minimum requirement
Chrome*, Edge*, Firefox* & Safari*	Current version as well as the three previous versions

* ESSENTIAL BROWSER DEPENDENT DIFFERENCES

Audio: Within [Safari] and [Firefox] the output device can only be selected via the operating system and not in vitero inspire in the [Speakers] area.

Ambiance & Effects: For technical reasons, the background animations and effects cannot be played directly under [Firefox] and [Safari]. A notification dialog must first be confirmed.

Screen Sharing: In [Chrome] and [Edge] the audio can be transmitted via screen sharing. This is not possible via the vitero application file, [Firefox] and [Safari].

Webcam: In [Safari], the background of a live image cannot be blurred.

Webcam Recorder: It is not possible to record live images with the webcam recorder on [Safari].

* Please refer to the <u>vitero product features</u> and the <u>vitero online help</u> for detailed differences depending on the browser. Depending on the system configuration, there may be limitations in the range of functions under Citrix.

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RAM

	minimum requirement	recommended
Windows, macOS & Linux	2 Gigabyte RAM	4 Gigabyte RAM
Android, iPadOS & iOS	3 Gigabyte RAM	—

PROCESSOR

	minimum requirement	recommended
Windows	Intel Core i3-4000M, 2.40 GHz	Intel Core i5-7400, 3.00 GHz
macOS	Intel Core i5, 3.1 GHz	Quad-Core Intel Core i5, 3.0 GHz
Linux	Intel Core i3-4000M, 2.40 GHz	Intel Core i5-7400, 3.00 GHz
Android	Qualcomm Snapdragon 765G	Google Tensor
iPadOS & iOS	A14 Bionic Chip	A15 Bionic Chip

RESOLUTION

	minimum requirement	recommended
Windows, macOS & Linux	800 x 600 pixel	1280 x 720 pixel (HD-Ready)
Android, iPadOS & iOS	2532 x 1170 pixel	—

FURTHER HARDWARE

	minimum requirement	recommended
Windows, macOS & Linux	sound card or telephone*	sound card + headset & webcam
Android, iPadOS & iOS	—	headphones & webcam

* ESSENTIAL HARDWARE DEPENDENT DIFFERENCES

Audio player: Participants who are dialled in via telephone cannot hear audio files.

Session Recorder: The recording computer needs to be connected via vitero integrated VoIP (not via telephone), so that the audio can also be recorded.

Video player: Participants who are dialled in via telephone cannot hear video files.

Acess to the virtual team room via client

OPERATING SYSTEM

	minimum requirement	recommended
Windows*	Windows 10 (64-Bit)	—

BROWSER

	recommended & minimum requirement
Chrome, Edge & Firefox	Current version as well as the three previous versions
Internet Explorer	Version 11

GENERAL NOTE

vitero Direct Link: A one-time installation is necessary for execution via link – no administrator rights needed. After confirmation of the security dialog an application file will be downloaded and started in the background.

vitero application file: Alternatively, a vitero application can be downloaded and started via browser download. No installation and no entry-registries will be done.

Proxy-server: Possible proxy-server-restrictions must be noted.

RAM

	minimum requirement	recommended
Windows	2 Gigabyte RAM When using the session recorder: 8 Gigabyte RAM	4 Gigabyte RAM

PROCESSOR

	minimum requirement	recommended
Windows	Intel Core i3-4000M, 2.40 GHz When using the session recorder: Intel Core i5-7400, 3.00 GHz	Intel Core i5-7400, 3.00 GHz

GRAPHICS PROCESSOR

	minimum requirement	recommended
Windows	When using the session recorder: GeForce GTX 1050	—

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	minimum requirement	recommended
Windows	800 x 600 pixel	1920 x 1080 pixel (Full HD)

FURTHER HARDWARE

	minimum requirement	recommended
Windows	sound card or telephone	sound card + headset & webcam

Access to the Vitero Management System

BROWSER

	recommended & minimum requirement
Chrome, Edge & Firefox	Current version as well as the three previous versions
Internet Explorer	Version 11

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Further requirements

	minimum requirement	recommended
Bandwidth*	1 Mbit/s[1] for download and upload	4 Mbit/s for download and upload
Connection	WLAN (PC) Mobile data (mobile device)	LAN (PC) WLAN (mobile device)

* Further information and explicit bandwidth values per client can be found in the vitero inspire bandwidth requirements..

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[1] With this bandwidth, there may be usage restrictions if video players and webcams are used in parallel.

Addresses, ports and encryption

The connection to the vitero server is established with the following addresses. To use the virtual team room, these addresses incl. ports must be accessible from your computer:

- **vms.vitero.de (128.65.209.54)**
  via Port 443, https, 128 Bit SSL encryption

- **inspire.vitero.de (128.65.209.53)**
  via Port 443, https & wss, 128 Bit SSL encryption

- **webrtc1.vitero.de bis webrtc50.vitero.de**
  port range 0-65535 UDP
  The port range can also only be released for a partial area or completely not released.

If the WebRTC servers cannot be reached via UDP, a TCP connection can alternatively be established via the following TURN servers. Please note that the connection quality (as with a UDP connection) cannot be guaranteed:

- **turn1.vitero.de bis turn30.vitero.de**
  via Port 80
  via Port 443, https, 128 Bit SSL encryption

Connect with vitero

vitero stands for virtual team room and is a software for hosting lively training sessions, effective workshops, and collaborative events in a virtual space. vitero GmbH, a Fraunhofer spin-off, is a premium service provider for live online communication offering comprehensive and tailor-made solutions.

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