

# vitero inspire system requirements

## SaaS V3.1

### Access to the virtual team room via browser

#### OPERATING SYSTEM

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	minimum requirement	recommended
<b>Windows*</b>	Windows 8.1 (64-Bit)	Windows 10 (64-Bit)
<b>Linux</b>	Ubuntu 20.04	—
<b>macOS</b>	Catalina 10.15	Big Sur 11
<b>iPadOS*</b>	Version 13.5	Version 14
<b>iOS*</b>	Version 13.5	Version 14
<b>Android*</b>	Pie 9.0	Android 10

#### \* Operating system dependent differences

**Login:** When using an [iOS]- or [iPadOS]-end-device, the **virtual team room** can only be accessed via the end-devices own operating system safari browser.

**Performance options:** Within the **vitero** application file, changes to the resolution and the refresh rate for screen sharing cannot be made.

**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).

**i 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 solutions as soon as possible in order to restore full compatibility with the current browser versions.

**BROWSER**

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	minimum requirement	recommended
<b>Chrome*</b>	Version 92.0 (and higher)	—
<b>Edge*</b>	Version 92.0 (and higher)	—
<b>Firefox</b>	Version 90.0 (and higher)	—
<b>Safari</b>	Version 14.0 (and higher)	—

**\* Browser dependent differences**

**Performance options:** Within [Chrome] and [Edge] changes to the resolution, when showing, are not shown during screen sharing.

**RAM**

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	minimum requirement	recommended
<b>Windows/ macOS/ Linux</b>	2 Gigabyte RAM	4 Gigabyte RAM
<b>Android/ iPadOS/ iOS</b>	1 Gigabyte RAM	3 Gigabyte RAM

## PROCESSOR

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	minimum requirement	recommended
<b>Windows</b>	Intel Core i3-4000M, 2.40 GHz	Intel Core i5-7400, 3.00 GHz
<b>macOS</b>	Intel Core i5, 3.1 GHz	Quad-Core Intel Core i5, 3.0 GHz
<b>Linux</b>	Intel Core i3-4000M, 2.40 GHz	Intel Core i5-7400, 3.00 GHz
<b>Android</b>	Quad-Core, 1.9 GHz	Octa-Core, 2,7 GHz
<b>iPadOS/iOS</b>	A8X Chip	A10 Fusion Chip

## RESOLUTION

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	minimum requirement	recommended
<b>Windows/ macOS/ Linux</b>	800 x 600 pixel	1280 x 720 pixel (HD-Ready)
<b>Android/ iPadOS/ iOS</b>	480 x 320 pixel	1024 x 768 pixel

## FURTHER HARDWARE

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	minimum requirement	recommended
<b>Windows/ macOS/ Linux</b>	sound card or telephone*	sound card or headset
<b>Android/ iPadOS/ iOS</b>	—	headphones

### \* Hardware dependent differences

**Audioplayer:** 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.

**Videoplayer:** Participants who are dialled in via telephone cannot hear video files.

## Access to the virtual team room via client

### OPERATING SYSTEM

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	minimum requirement	recommended
<b>Windows</b>	Windows 8.1 (64-Bit)	Windows 10 (64-Bit)

### BROWSER

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	minimum requirement	recommended
<b>Chrome</b>	Version 90	Version 92 (or higher)
<b>Firefox</b>	Version 87	Version 90 (or higher)
<b>IE</b>	Version 10	Version 11 (or higher)
<b>Edge</b>	Version 89	Version 92 (or higher)

#### **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

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	minimum requirement	recommended
<b>Windows</b>	2 Gigabyte RAM	4 Gigabyte RAM

## PROCESSOR

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	minimum requirement	recommended
<b>Windows</b>	Intel Core i3-4000M, 2.40 GHz	Intel Core i5-7400, 3.00 GHz

## RESOLUTION

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	minimum requirement	recommended
<b>Windows</b>	800 x 600 pixel	1920 x 1080 pixel (Full HD)

## FURTHER HARDWARE

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	minimum requirement	recommended
<b>Windows</b>	sound card or telephone	sound card or headset

## Access to the Vitero Management System

### BROWSER

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	minimum requirement	recommended
<b>Chrome</b>	Version 90	Version 92 (or higher)
<b>Firefox</b>	Version 87	Version 90 (or higher)
<b>Safari</b>	Version 13.1	Version 14 (or higher)
<b>IE</b>	Version 10	Version 11 (or higher)
<b>Edge</b>	Version 89	Version 92 (or higher)

## Further requirements

### INTERNET

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	minimum requirement	recommended
<b>Bandwidth</b>	4 Mbit/s for download and upload	16 Mbit/s for download and upload
<b>Connection</b>	WLAN (PC) 3G (mobile device)	LAN (PC) WLAN (mobile device)

## 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** (185.5.82.139)  
via port 443, https, 128 Bit SSL-encryption
- **inspire.vitero.de** (91.236.122.139)  
via port 443, https & wss, 128 Bit SSL-encryption
- **webrtc1.vitero.de to 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 to turn30.vitero.de**  
via port 80  
via port 443, https, 128 Bit SSL-encryption