CLASSVR®

Virtual Reality for Schools

Network Information – **VR Setup**

THIS FORM MUST BE COMPLETED AND RETURNED AT LEAST ONE WEEK BEFORE INSTALLATION

1. SCHOOL INFORMATION

School Name	
School Postcode	
Technical Contact	
Technical Contact's Telephone Number	
Technical Contact's Email Address	

2. SETUP PRE-REQUISITES

Before your visit, your own network technician may need to implement configuration to ensure that your visit runs smoothly.

To enable the full functionality of your VR equipment, you should ensure that the following firewall whitelisting has been applied:

Hostname	Whitelisted
device.avncloud.com	Yes/No
data.avncloud.com	Yes/No
cloud.avncloud.com	Yes/No
api.avncloud.com	Yes/No
status.eqoe.cn	Yes/No
cdn1.360cities.net	Yes/No
cdn2.360cities.net	Yes/No
www.classvr.com	Yes/No
portal.classvr.com	Yes/No

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To enable the full functionality of your VR equipment, outbound access on the following ports should be allowed:

Port	Description	Whitelisted
123	Time Synchronisation	Yes/No
5228 (non-essential)	Google Cloud Messaging	Yes/No
5229 (non-essential)	Google Cloud Messaging	Yes/No
5230 (non-essential)	Google Cloud Messaging	Yes/No

To ensure that communication between the ClassVR Portal and your ClassVR devices functions correctly, traffic should be allowed within your network on the following ports:

Port	Description	Whitelisted
37395	ClassVR Client Comms.	Yes/No
37396	ClassVR Client Comms.	Yes/No
37397	ClassVR Client Comms.	Yes/No

ClassVR's Neighbour Download functionality minimises bandwidth consumption by allowing content to be downloaded from other devices in your organisation. This functionality uses UDP broadcasts to work – if UDP broadcasts are not enabled, downloads will only work via the internet and may perform more slowly.

UDP broadcasts are enabled on our network	Yes/No

3. DEVICE CONNECTIVITY

The following information will be used during your visit to perform initial setup and configuration of your ClassVR devices.

3.1 WI-FI CONNECTIVITY

Please complete the table below with the details of your school's Wi-Fi network. This information will be used during setup to connect your ClassVR devices to the internet. **It is important that:**

- Your ClassVR devices are on the same subnet as the computers that will be used to control them (e.g. staff laptops).
- Wireless isolation is not enabled.

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Wi-Fi Network Name (SSID)	
Wi-Fi Password (Key)	
Wi-Fi Encryption Type	e.g. WPA, WPA2, WEP, etc.
Broadband Connection Speed	
Is an SSL certificate required to connect to the network?	Yes/No

3.2 PROXY CONFIGURATION

Please complete the table below with the details of your school's proxy server. This information will be used to connect your ClassVR devices to the internet.

Does your school use a proxy server?	Yes/No
Does your school use a transparent proxy server?	Yes/No
Is the SSL certificate required to connect to the proxy?	Yes/No

If your school **does not** use a transparent proxy:

What is the hostname of your proxy server?	
What is the port number of your proxy server?	
What is the username for your proxy server (if required)?	
What is the password for your proxy server (if required)?	

3.3 STATIC IP CONFIGURATION

Please complete the table below if each ClassVR device should be configured with a static IP address. Please note that implementing this configuration takes additional time and will reduce the amount of time that our technician has to spend on other setup options.

Avantis Systems Ltd

2-3 The Glenmore Centre, Waterwells Business Park, Quedgeley, Gloucester, GL2 2AP   Tel: +44 (0)845 862 0390   Company No: 06318008   Fax:+44 (0)845 862 0391   www.avantiseducation.com

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Each ClassVR device will require a static IP address	Yes/No
Gateway IP Address	
Subnet prefix length	
DNS Server 1	
DNS Server 2	

IP address range to allocate to ClassVR devices (1 IP per device)	e.g. 192.168.1.100-132

3.4 ADVANCED NETWORK CONFIGURATION

Please let us know if there is any advanced network configuration required when configuring your ClassVR devices:

The school network uses MAC address filtering	Yes/No
The school network uses another advanced network configuration that the visiting technician should be aware of.	
Please inform us of advanced network configuration that we should be aware of, e.g. Smoothwall or Lightspeed.	

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4. TEACHER SETUP

Please complete the table below with details of the staff members who will require access to the ClassVR portal, which is used to plan and deliver content remotely. Please note that roles can be amended and additional users added in the future, as required.

We recommend assigning the following roles to the following staff members:

- Your school's headteacher and/or ICT Co-ordinator should have the role of **Owner**.
- Your school's ICT Technician should have the role of **Administrator**.
- Teaching staff should have the role of **Teacher**.

If more users than the table below accommodates are required, please insert additional rows (if returning this document electronically) or print a second sheet (if returning a printed version of this document).

Email Address	Desired Role
e.g. jjones@yourschool.org.uk	e.g. Administrator

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