

INSTALLATION AND STARTUP

- Unpacking the Hestia VR terminal
- Installation and connections
- Startup
- Troubleshooting

_INSTALLATION & STARTUP / CONTENTS

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Before starting, please read this manual.

Dear customer,

The product you have purchased was manufactured in modern factories and checked using strict quality control procedures. We hope it will give you full satisfaction. Please read the entire manual carefully before starting to install the product and keep it for reference.

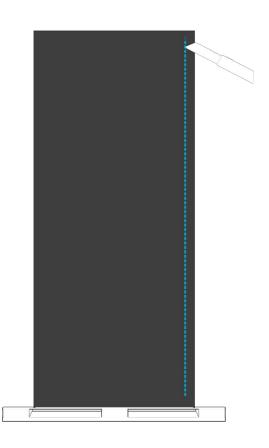
This manual will help you to safely install your product with step-by-step instructions and will guide you through the startup procedure.

- Read the manual before installing and starting up your product.
- Please read the safety instructions and the installation conditions.
- Keep this manual at hand for future reference.





Unpacking the HESTIA VR pod



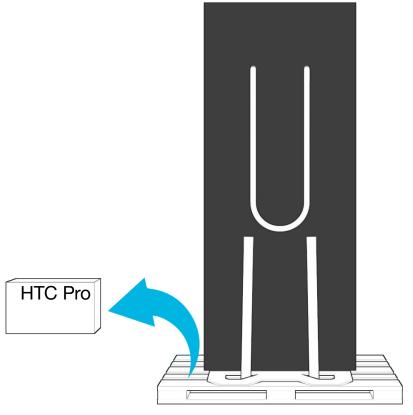
STEP 1

The pods are delivered on EU pallets.

The package measures (in cm): 100 (l) x 80 (w) x 220 (h) and weighs 114 kilograms.

Once the pallet is at the site where the pod is to be installed, use a sharp object to remove the plastic film.

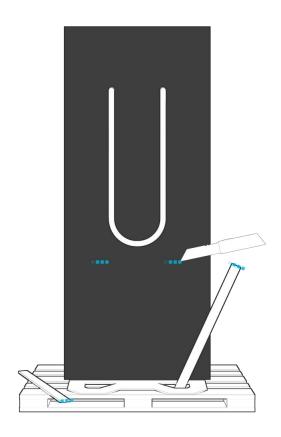




STEP 2

Remove the HTC Vive Pro box from the pallet and keep it in a safe place during the next steps.

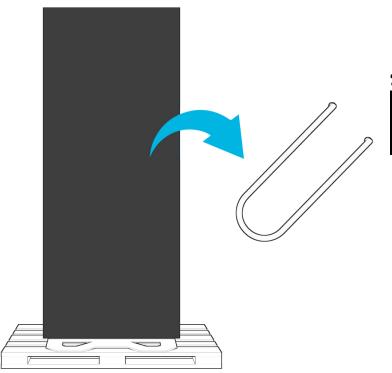
(VR CONVECTIO



STEP 3

Cut the strapping attaching the pod to the pallet

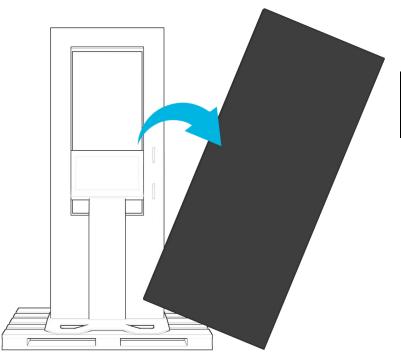




STEP 4

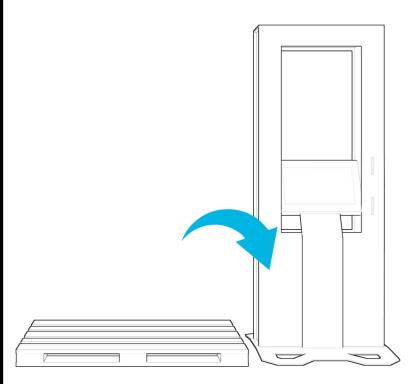
Remove the overhead bar which already contains the HTC Vive Pro cable

(VR contection



STEP 5

Remove the protective foam on the 4 sides of the terminal. Keep it, it many be useful in the future.

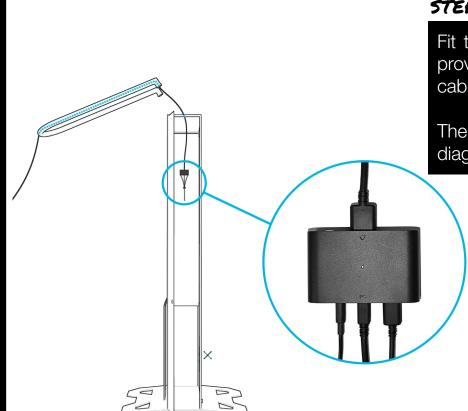


STEP 6

With the help of a second person, remove the pod from the pallet and place it in the desired location in the area.

If possible, protect the floor to avoid damaging it during the operation.





STEP 7

Fit the overhead bar onto the top of the pod in the holes provided for this purpose, taking care to pass the HTC Vive cable inside the pod.

Then connect the cable to the linkbox as shown in the diagram.



STEP 8

Open the HTC Vive box which was on the pallet and take out the headset, controllers and base stations with the accompanying cables.

Pick up the headset and move on to the next step.

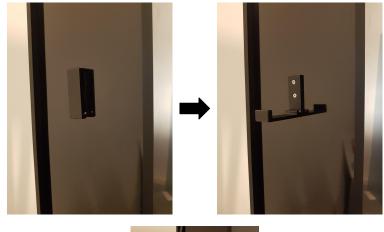


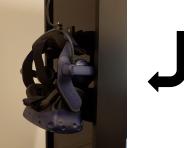


STEP 9

Plug the cable extending from of the overhead bar into the HTC Vive PRO. Then press the button under the headset and slide the blue part until it is firmly against the structure.





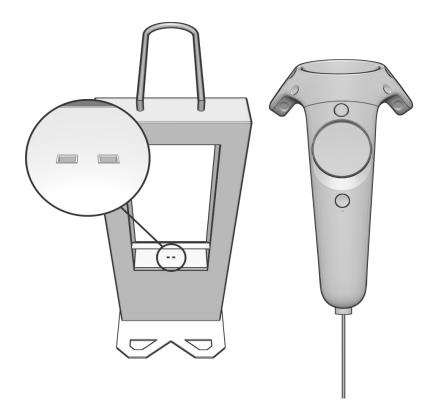


STEP 10

Open out the bracket on the left-hand side of the pod.

You can now hang the back of the headset on the bracket.





STEP 11

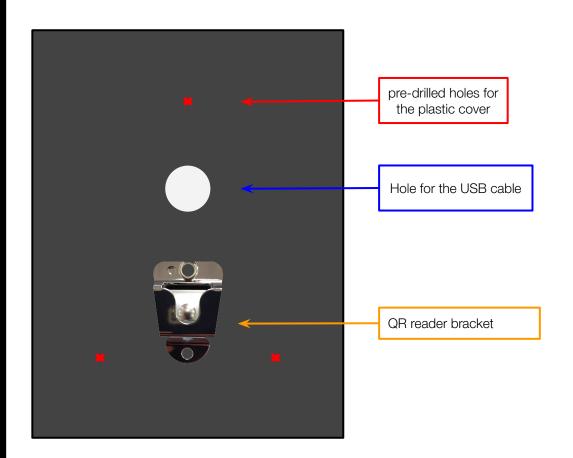
Plug the controller cables into the holes provided under the touchscreen. Connect the controllers to these cables. They will then start to charge when the pod is switched on.





Installing the QR reader

_INSTALLING THE QR READER



To install the QR reader, go to the door of the HESTIA VR pod.

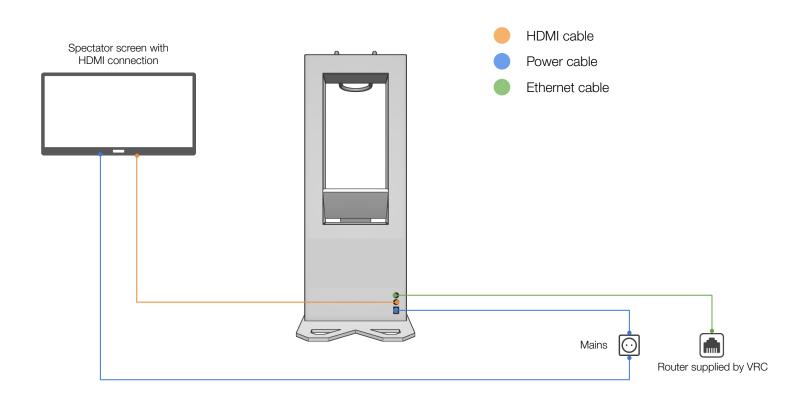
- Slide the QR reader into the QR reader holder with the glass window facing downwards.
- Run the QR reader cable through the hole left for the USB cable
- Place the plastic cover over the QR reader and screw it on using the pre-drilled holes for the plastic cover.
- Connect the QR reader USB cable to the computer.

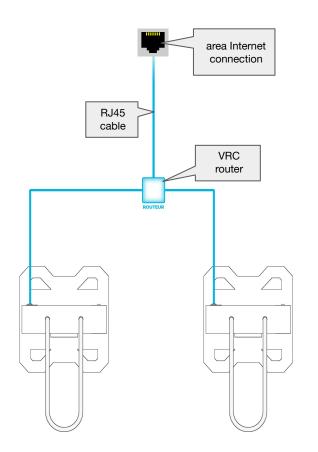




Setting up your corner: ancillary equipment

Pod wiring diagram The connections required by your Hestia VR pod



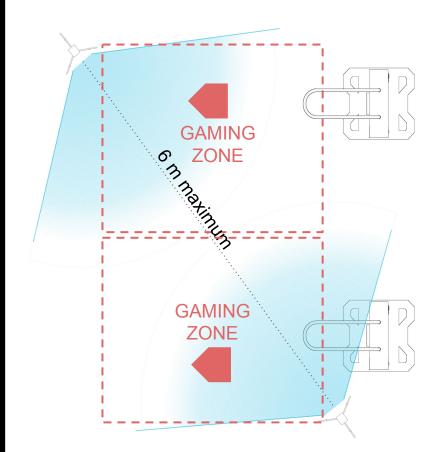


All the pods must be connected via an RJ45 connection to the router supplied by VRC, which in turn is connected to an Internet socket.



The router must be set up in a secure place where the public have no access to it to avoid anyone connecting to the available network sockets or disconnecting the HESTIA VR pods from the VRC network.

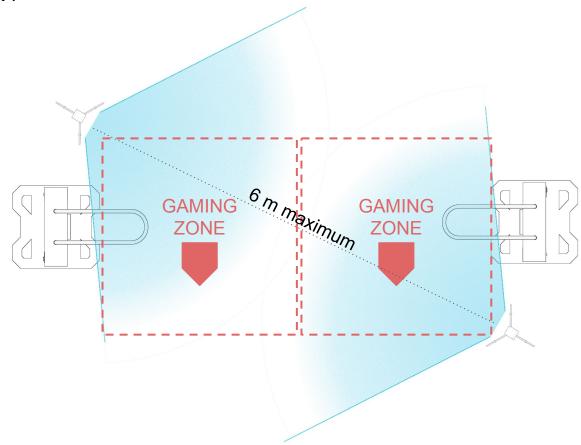




Example of installation without partitions No.1:

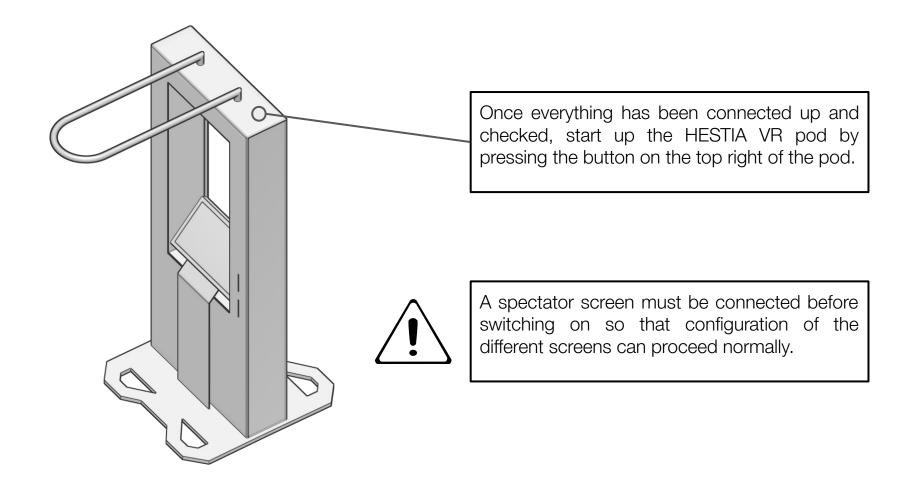
Whether on stands or attached to the wall, the sensors must be placed diagonally in relation to the gaming zone at a height of 2 to 2.5 m. The maximum distance between two sensors (Lighthouses) being 6 m, two zones can be covered by the same bases.

Example of installation without partitions No.2:

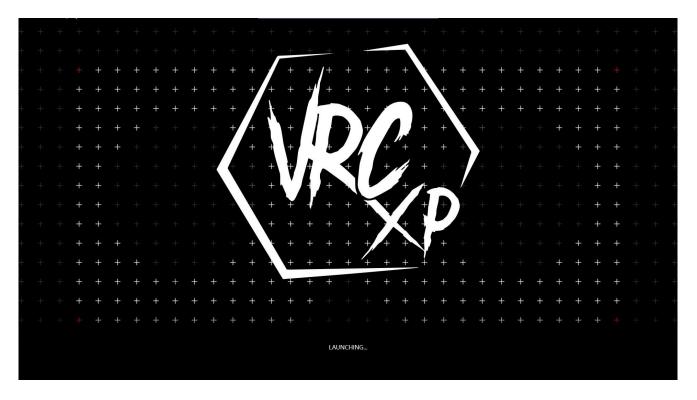




Startup



(VR CONVECTION



Once the pod is switched on, several services will launch in the background. The VRC launcher will then initialise and start to update.





Once the update is complete, the catalogue initialises and asks you for a SERIAL NUMBER sent by e-mail by VRC when the installation request was made. At this stage, and <u>before</u> entering the SERIAL NUMBER, scan the barcodes on the next page to install the QR reader on the HESTIA pod.



STEP 1

Scan the "Set factory Defaults" barcode with the QR reader laser to initialise it:

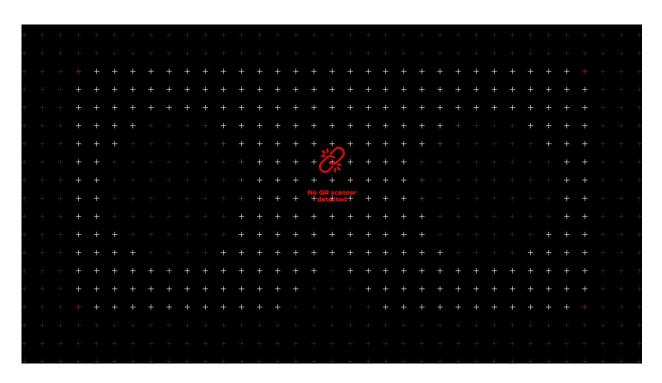


STEP Z

Then scan the "SNAPI" barcode to configure it:



Symbol Native API (SNAPI) without Imaging Interface





Important: if the SERIAL NUMBER is entered without initialising and configuring the QR reader beforehand or if the reader is not connected, the error screen above appears. Return to the previous page and follow the QR configuration procedure.



Then enter the SERIAL NUMBER by connecting a keyboard to one of the available USB ports at the back of the computer in the HESTIA VR pod.

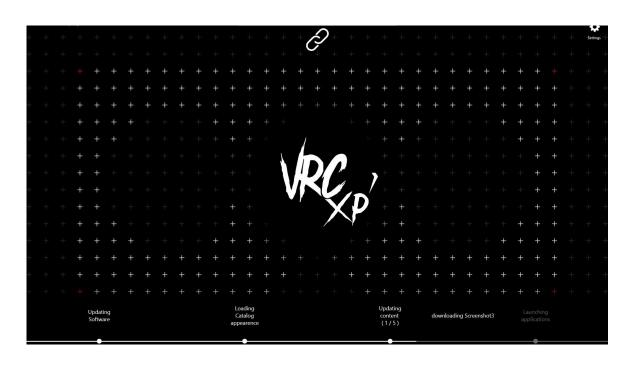
The SERIAL NUMBER is delivered to you by e-mail before a site is started up. It is unique to the fleet and is used to configure its specific features.





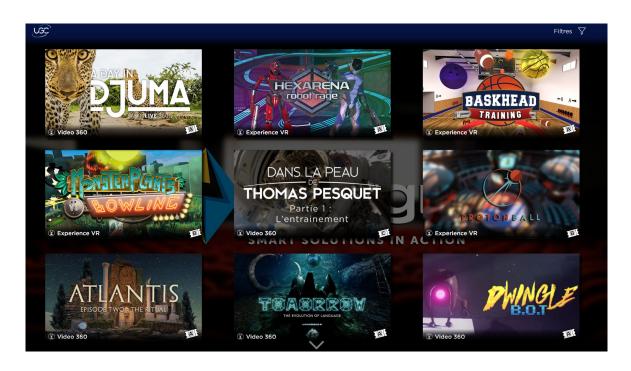
The SERIAL NUMBER is valid. Installation can continue.











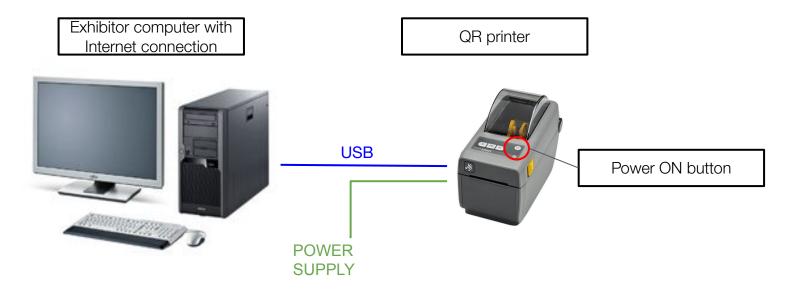
Once the downloads are complete, the catalogue launches and is ready to use.





Configuring the QR printer

_CONFIGURING THE QR PRINTER



Connect the QR ticket printer to the computer using the USB cable supplied.

Connect the printer to the mains using the power cable.

Switch on the printer using the ON button on the top.

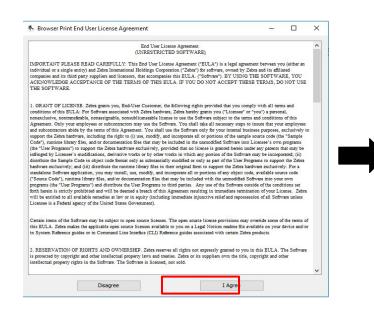


_CONFIGURING THE QR PRINTER

To install the QR ticket printer on your computer, go to the VRC XP Lite website:

https://lite.vrcxp.com/content/printer.exe

Download the installer and run it.







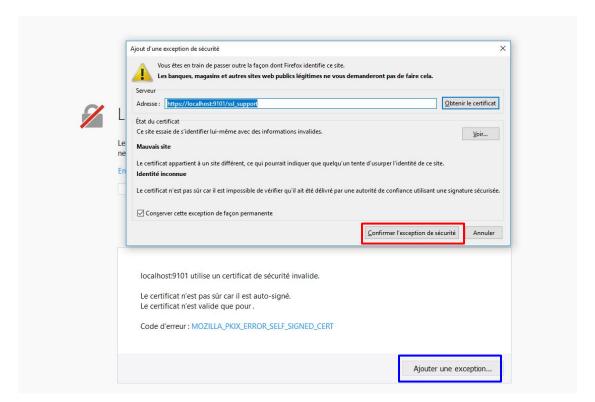
_CONFIGURING THE QR PRINTER

Your browser opens and warns you of an unsecured connection. Select "know more" in order to access the website despite this.





Your browser asks you if you want to add a security exception for this website. Click on "add an exception" then "confirm the security exception".

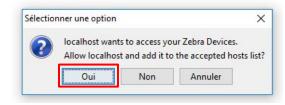




Your browser informs you that the certificate has been accepted:

```
SSL Certificate Has been accepted. Retry connection.
```

A pop-up then asks you if you authorise connection of your network to the printer. Select "yes".

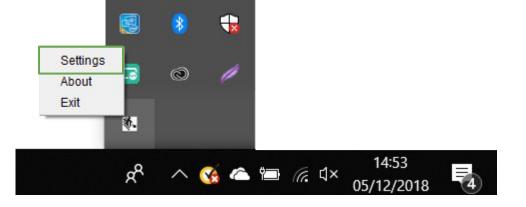




In the task bar, right-click on the "Zebra Printer" program and select "Settings" (**image below**).

The window opposite opens.

Select "Change", then "printer:50j183001482"







Go to the VRC XP Lite website, "QR ticket" page, "Print" tab (see "Functional test" slides)

If the image below appears, your printer is correctly configured.



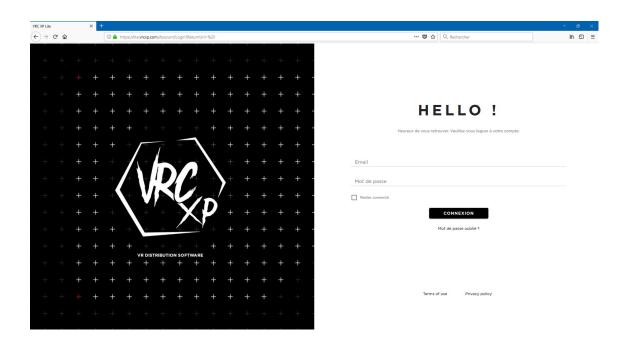
Conversely, if your printer is incorrectly configured, you will see the following image:





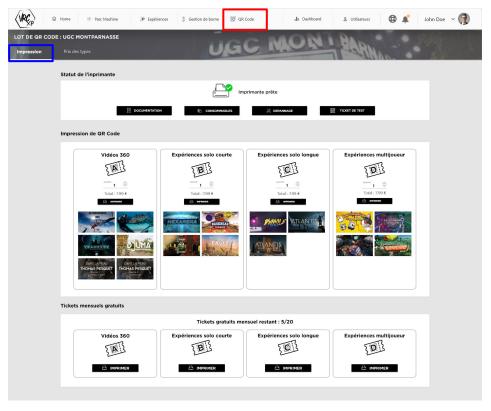


Functional test



Using the *exhibitor computer*, go onto the https://lite.vrcxp.com/ website and log in using the exhibitor's username and password.





Go to the "QR Code" page, "Print" tab and print a ticket of one of the available types





Return to the pod, select an experience corresponding to the type of ticket printed and scan the QR ticket with the previously-installed QR reader laser in order to launch the experience.

SteamVR launches and has to be configured for the first time.



_ FUNCTIONAL TEST / CONFIGURING THE GAMING AREA

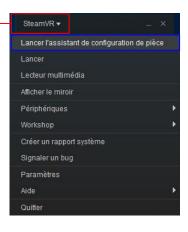
In order to use the HTC VIVE headset properly, the gaming area first needs to be configured.

 Open the SteamVR window.
 (N.B. it opens on its own when an experience is launched)



- Click on "SteamVR ▼" to access the menu then on "Launch the area configuration wizard". (NB: This stage opens automatically if an experience is launched but the area is not configured).
- Click on "Room" and follow the instructions on the screen.

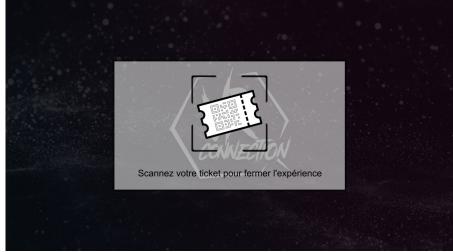






Once configuration is successfully completed, the experience launches.





Once the feature is tested and validated, and if the experience has not finished, press the touchscreen above and scan the QR ticket again to close the experience.



System troubleshooting guide

_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - THE INTERFACE

SteamVR is the intermediate software between the pod and the HTC Vive which is responsible for operation of the VR headset. It is therefore essential for the experiences to run properly.

When SteamVR is open in the foreground and it does not encounter any errors, it displays the following interface with these icons:



The icons are green as shown above when the peripherals are operating correctly.



The headset is in standby



The controller is in standby or disconnected



The lighthouse is disconnected

_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - PAIRING A CONTROLLER

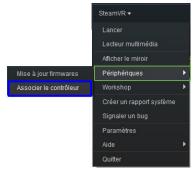


If for any reason, a controller is no longer paired to a pod or if you want to pair a new controller to the pod, follow the procedure below:

Open the SteamVR window.



- Click on "SteamVR ▼" to access the menu then click on "Peripherals" and finally on "Pair the controller".



Follow the instructions on the screen.



_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - CONTROLLER DISCONNECTED

The controller has already been paired but seems to be on standby or disconnected:

When SteamVR displays this icon and an initial pairing configuration has already been carried out, this usually means that your controller is simply in standby. You just need to press the controller's ON button (central button on the top) to wake it up.



If the controller disconnects again after a few seconds or a few minutes, check that the indicator above the controller's ON button is not orange or red. If it is, charge your controller.

If your controller is charged and you have carried out the operations above correctly but the controller icon on SteamVR remains grey, you need to pair the controller to SteamVR again.



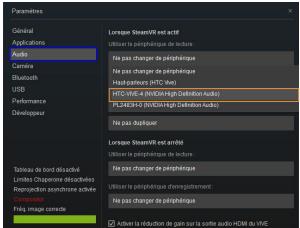
_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - AUDIO PROBLEM

The sound can sometimes stop coming out of the audio headset paired to the HTC Vive due to incorrect handling.

To solve this problem, the audio output on the audio headset peripheral linked to the HTC Vive via SteamVR needs to be redefined.

- Open the SteamVR window.
- Click on "SteamVR▼" to access the menu then click on "Settings".
- In the settings window which opens, click on "Audio" in the left-hand menu.
- Click on the drop-down list under "Use the playback device".
- Click on "HTC-VIVE-4 (NVIDIA High Definition Audio)".
- You can close the settings window. The sound should have returned in the headset.







_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - 3 BASE STATIONS DISPLAYED

Problem:

SteamVR displays 3 base stations or more. Due to poor separation of the gaming spaces, SteamVR may display 3 base station icons. This means that a 3rd base station is detected by SteamVR which may cause malfunctions in the VR.



Solution:

- Isolate the 2 base stations for the pod in question from the other base stations.
- Ensure that the HTC Vive headset for the pod in question is not in the field of a base station belonging to another pod.
- Check that the gaming areas of several pods are not overlapping.
- Do not hesitate to reconfigure the game.



_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - UPDATING THE MICROPROGRAMS (1 / 3)

- 1. If you see the _____ icon, pass the mouse over it to check if the microprogram is no longer up-to-date.
- 2. Click on Update the headset microprogram. Updating the microprogram starts automatically.
- 3. Warning: Do not disconnect any cables from the headset, connection box or your computer at any time before the microprogram update has finished. This may lead to a microprogram error.
- 4. Once the update has finished, click on OK.



_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - UPDATING THE MICROPROGRAMS (2 / 3)

- 1. Click on "Steam VR" > Settings > General > Install the Bluetooth pilot.
- 2. After installing the Bluetooth pilot, restart the computer.
- 3. Restart the SteamVR application.
- 4. Click on "Steam VR" > Settings > Activate Bluetooth communication.
- 5. Proceed using one of the following methods:
 - Click on "Steam VR" > Peripherals. Click on Update the microprogram, then select the base stations.
 - If you see the icon, pass the mouse over it to check if the microprogram is no longer up-to-date. If this is the case, cick on Update the base station microprogram.
- 6. Follow the instructions on the screen to complete the process.
- 7. Warning: Do not disconnect the power cable at any time before the microprogram update has finished. This may lead to a microprogram error.



_SYSTEM TROUBLESHOOTING GUIDE / STEAM VR - UPDATING THE MICROPROGRAMS (3 / 3)

- 1. If you see the icon, move the mouse over it to check if the microprogram is no longer up-to-date. If this is the case, click only pdate the controller firmware.
- 2. Use a micro-USB cable to connect the controllers to one of the USB ports on your computer one at a time.
- 3. Once the controller is detected by the SteamVR application, the microprogram update starts automatically.
- 4. Warning: Do not disconnect the micro-USB cable at any time before the microprogram update has finished. This may lead to a microprogram error.
- 5. Once the update has finished, click on End.



Problem	Solution 1	Solution 2	Solution 3	Solution 4
SteamVR does not start correctly	Restart the pod.	Contact VR-Connection support.		
SteamVR displays Unavailable. Message: Compositor is not launched.	Click on the Launch Compositor button.	Restart SteamVR.	Restart the pod.	Contact VR-Connection support.
SteamVR displays Unavailable. Message: Headset tracking non-operational	Ensure that the headset is in the lighthouse detection zone.	Restart SteamVR.	Restart the pod.	Contact VR-Connection support.
SteamVR displays a pop-up: Failed to launch the game (the game is already launched)	Manually close the experience running.	Restart the pod.	Contact VR-Connection support.	





After-Sales process

Before starting, please refer to the maintenance contract.

The maintenance process is defined on 3 levels:

- LEVEL 1: This covers all the problems which can be solved by reading the documentation on the VRC online guide (vr-connection.zendesk.com).
- LEVEL 2: If the problem cannot be solved using the documentation, creating a support ticket will enable VR-Connection to examine the problem more thoroughly. A ticket must be sent to our support team, together with photos and descriptions, using the "Create a request" button in the online guide.
- LEVEL 3: according to the seriousness of the problem (minor, major, critical) VR-Connection has a contractual commitment with regard to the time to restore to service.

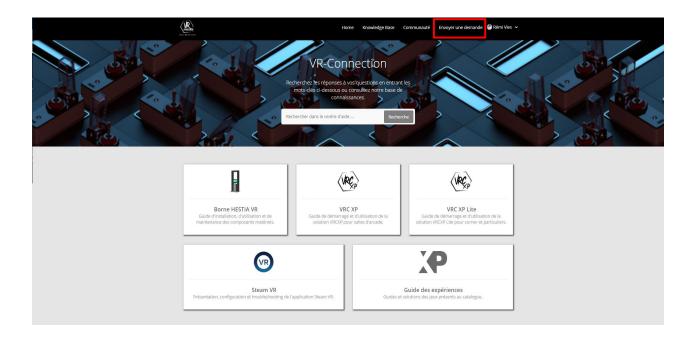


The VRC online guide is a website grouping all the documentation necessary for installation, operation and troubleshooting the **VRCXP Lite** and **HESTIA VR** systems.

Available at http://vr-connection.zendesk.com, this website has two parts:

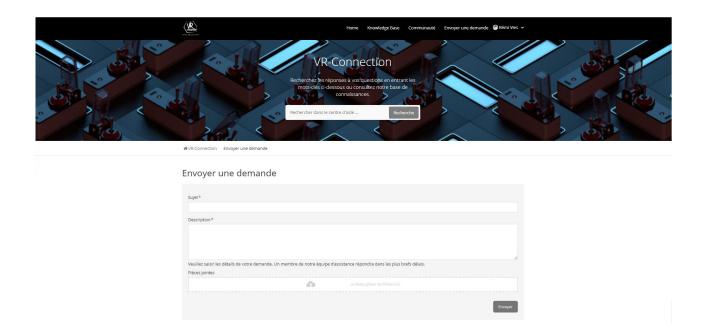
- The written guides available in the form of articles.
- A support ticketing system to contact an agent in charge of problem-solving.

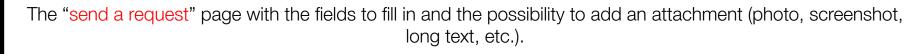




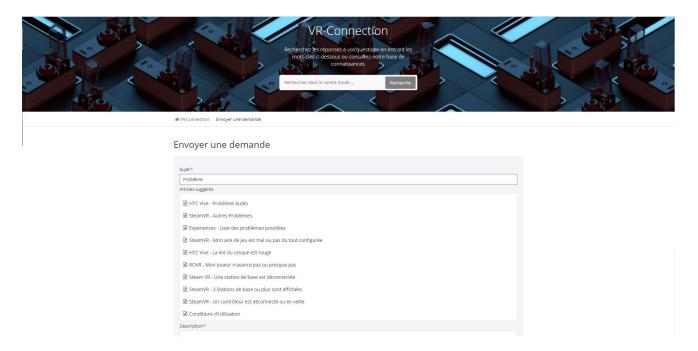


Support website home page. A user (end customer or Ymagis agent) can consult the existing documentation by clicking on one of the icons, or submit a *support ticket* by clicking on "send a request".









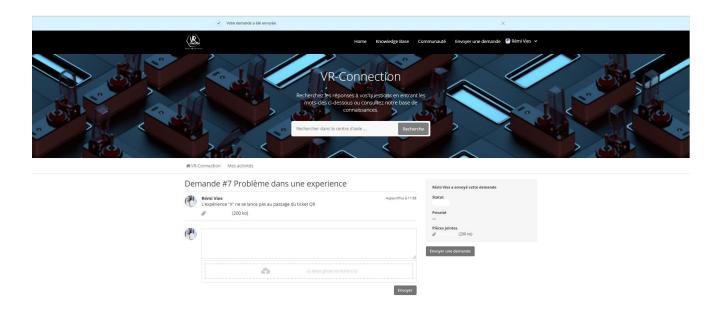
When the subject is entered, potential articles available on the website are automatically suggested to the user to help them upstream with solving the problem.





Creation of the request, description of the problem in detail and possible addition of attachments.





Validation of submission of the request. At this stage it is still possible to add text or attachments to help clarify the problem in question.





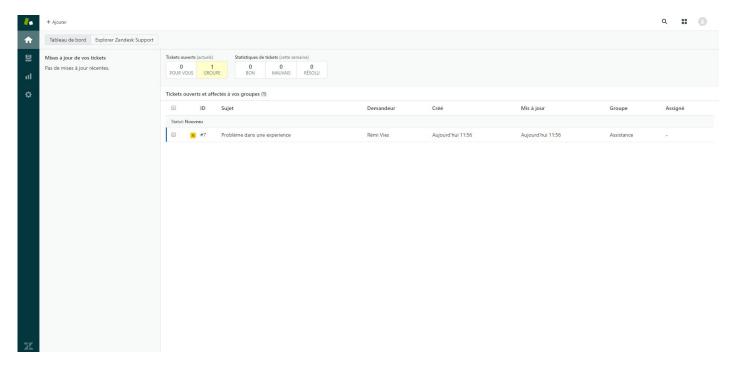
An e-mail is automatically sent to the user to summarise their request and confirm its submission.





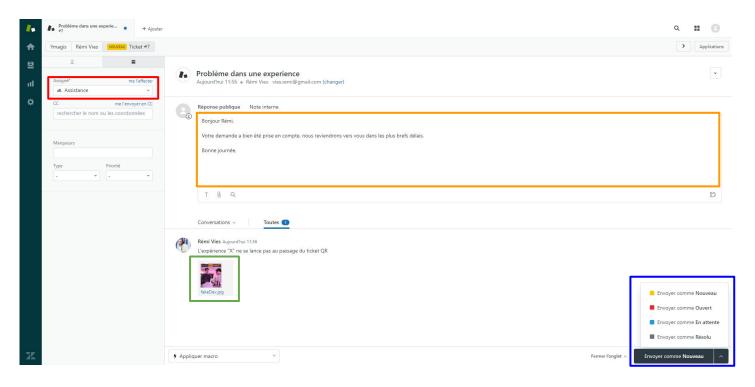
An e-mail is also sent to all the agents responsible for these customers (here the Ymagis agents for Ymagis customers). You will never receive tickets from customers who you do not manage. As an agent, click on "display the ticket in Zendesk Support"





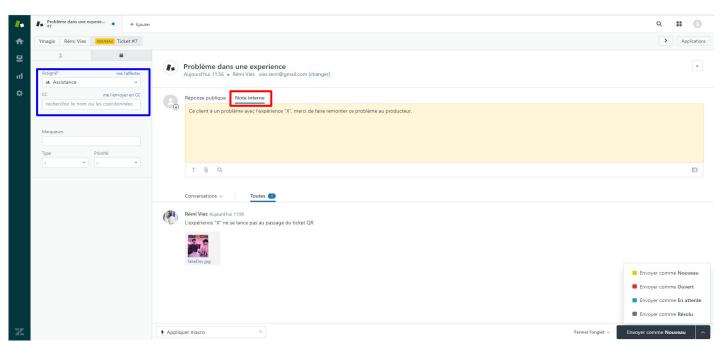
By clicking on the link mentioned in the previous slide as an agent, you come to the administrator support interface. Here you can consult the different tickets, assign them to different agents or answer the customer yourself. By clicking on the ticket, you enter the ticket interface.





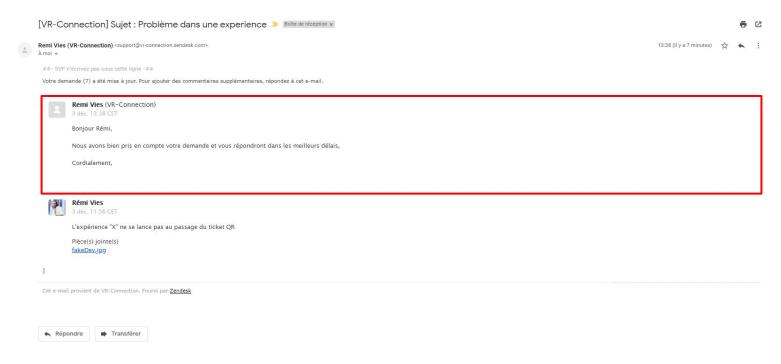
The ticket interface enables you to consult the attachments, answer the customer, assign the ticket to another agent (or yourself), and change the ticket status.





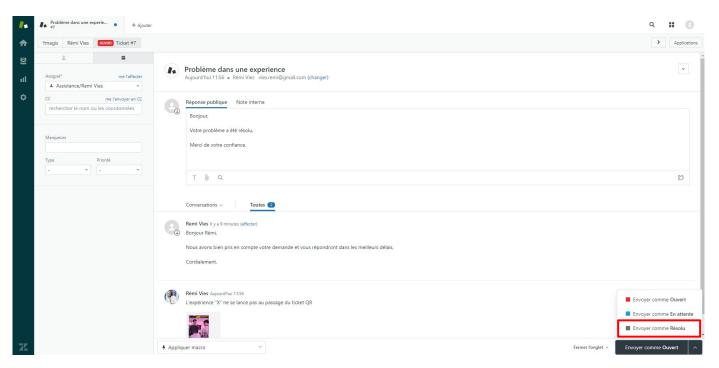
The ticket interface also enables you to draft an internal memo to inform the other agents of progress or specific information which another agent may have. Internal memos and assignment are also used to by the Ymagis agent to send the ticket to VR-Connection.





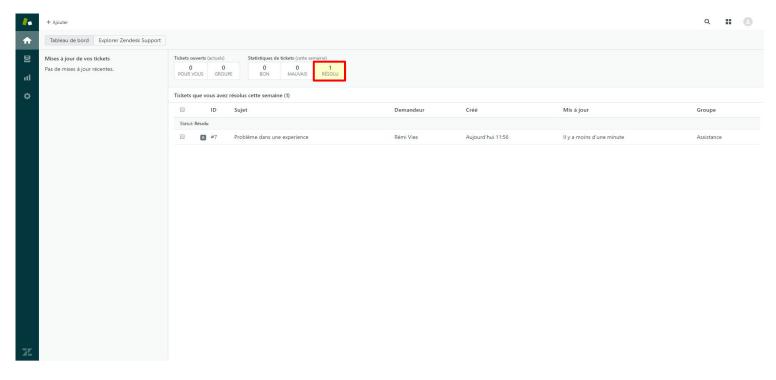
The end customer is informed by e-mail of each response from support. The end customer can also answer this e-mail directly to continue discussing the issue with the agents.





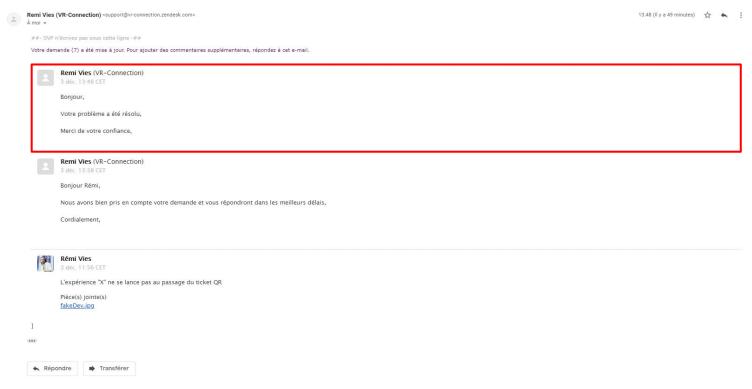
Finally, when a solution is found, the agent writes a note to the customer and clicks on "send as solved" in order to archive the ticket. N.B. There may be several messages back and forth between the customer and the agent before closing the ticket, in particular if more information needs to be gathered.





The ticket is then archived in the "solved" ticket category. It remains consultable, but no changes can be made to it.





The end customer is informed again by e-mail of the solution to their problem. They can answer again to report that the problem is not solved if necessary.

