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VIVE Business Training User Guide

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About this guide

The following symbols indicate useful and important information.

Notes provide details on setup, answers to common questions, and information on what to do in specific situations.

Tips provide supplemental information or alternative methods you may find helpful for particular steps or procedures.

Important notes provide information needed to complete certain tasks or configure specific settings or features.

Warnings provide critical information for avoiding potential problems or preventing damage to hardware.

Information contained in this guide may be outdated. For the most up-to-date information, including the latest version of this guide, visit VIVE Business Support.

Before using this product, carefully review VIVE safety information and follow all product safety and operating instructions provided at https://business.vive.com/legal/.

Getting started

Requirements

To use VIVE Business Training for instructional or business purposes, you need devices that meet the following requirements:

Devices	Requirements
Android™ device (preferably a tablet)	▪ Android 8.0 or later ▪ 2 GB RAM or more ▪ 1.5 GHz dual-core CPU or better
VR headset	▪ VIVE Focus™ 3 ▪ VIVE XR Elite

As the presenter, use the Android device to sync VR titles to VR headsets so the users wearing the headsets can view and interact with the VR content. The Android device and VR headsets must be connected to the same Wi-Fi® network via a dedicated router or hotspot.

You must connect your devices to a 5 GHz-band wireless network.

Setting up VIVE Business Training on an Android device

When installing the VIVE Business Training app for the first time, you need to enter an activation code to activate the app on your Android device.

Download and install the VIVE Business Training app from Google Play Store.

Another way is to download `VIVETraining.apk` from https://business.vive.com/solutions/training/ and install it manually on your Android device.

1. After installation is complete, tap **Open** to launch the app.

When prompted to grant app permissions, tap **Allow**.

2. Sign in with the email address that you use for the VIVE Business Training account.
3. After reading the **Terms of Use and Privacy Policy**, select the check box, and then tap **Confirm**.
4. Enter your activation code, and then tap **Submit**.

Setting up VIVE Business Training on VIVE Focus 3 and VIVE XR Elite

Before you can sync VR titles from your Android device to VIVE Focus 3 and VIVE XR Elite headsets, the following apps must be installed on the headsets:

- **Training Launcher**: This is the app that allows users to view the VR titles.
- **Training Service**: This is a background service that connects the headset to VIVE Business Training on your Android device.

Use one of the following ways to install the apps on the headsets:

- **Method 1:** Get the apps from the VIVE Business AppStore and install them on the headset. See Getting the apps from VIVE Business AppStore on page 5.
- **Method 2:** Package the apps into a batch configuration file and install them using a microSD™ card. See Installing the apps with the batch configuration package (VIVE Focus 3 only) on page 6.



This method is only supported on VIVE Focus 3.

- **Method 3:** Use the ADB tool on your computer. See Installing the apps with the ADB tool on page 8.

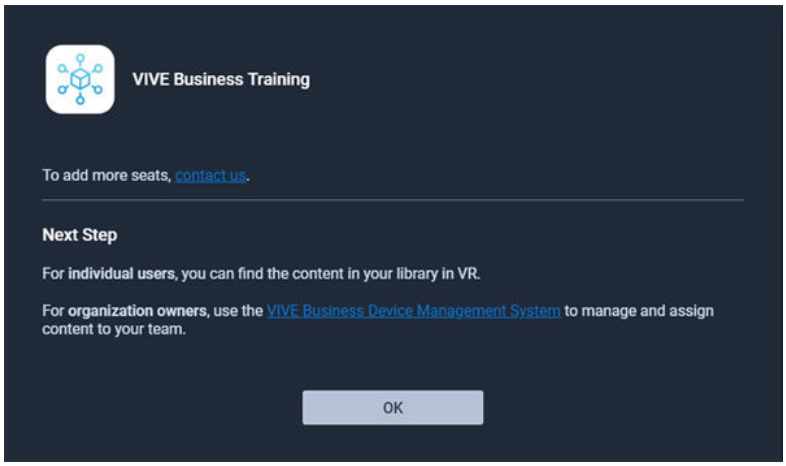
After the apps are installed, users need to open **Training Launcher** on their headsets. You can then push VR content from your Android device to their headsets.

Getting the apps from VIVE Business AppStore

When you get the apps from the VIVE Business AppStore, they will be added to your library in the VIVE Business Device Management System. Once they're in the library, you can easily download and install them on the headset. Here's how:

1. On your computer web browser, go to the VIVE Business AppStore.
2. Click **LOGIN** and sign in with your account credentials.
3. Find and click **VIVE Business Training**, and then click **Get**.

4. Click **VIVE Business Device Management System** in the window.



5. On the left-hand panel, click **My Library**. Check if **Training Launcher** and **Training Service** are in the library.
6. Turn on the headset. Select **Profile** and sign in with your account credentials.
7. In the headset, go to the Library, and then select > **Not Installed**.
8. Select **Training Launcher** and **Training Service** one at a time to install them.
9. After installation is complete, switch back to the installed apps in the Library by selecting > **Installed**.
10. Open **Training Launcher** and try pushing VR content from your Android device to the headset. Make sure you can view and interact with the VR content in the headset.

Installing the apps with the batch configuration package (VIVE Focus 3 only)

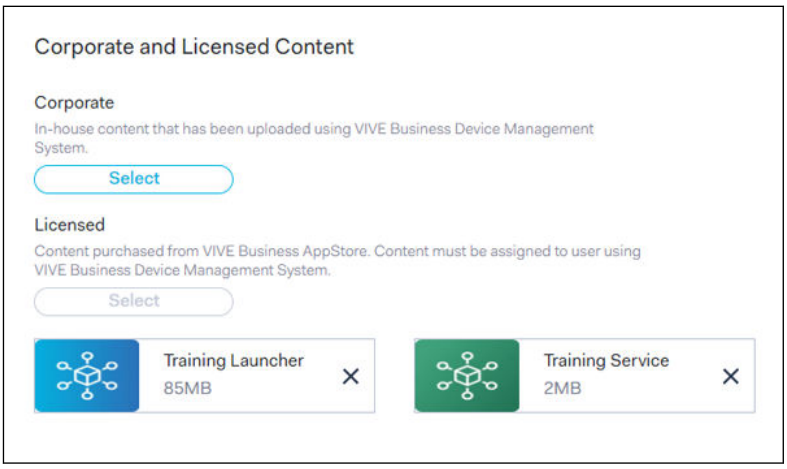
You can package the Training Launcher and Training Service apps into a batch configuration file and copy the ZIP package to a microSD card. You can then insert the microSD card into the headset and install the apps.

- Running the batch configuration package will erase all the data and order history from the headset. This method is recommended only for headsets that have not yet been set up or used.
- You can also contact our sales team to get the batch configuration package.

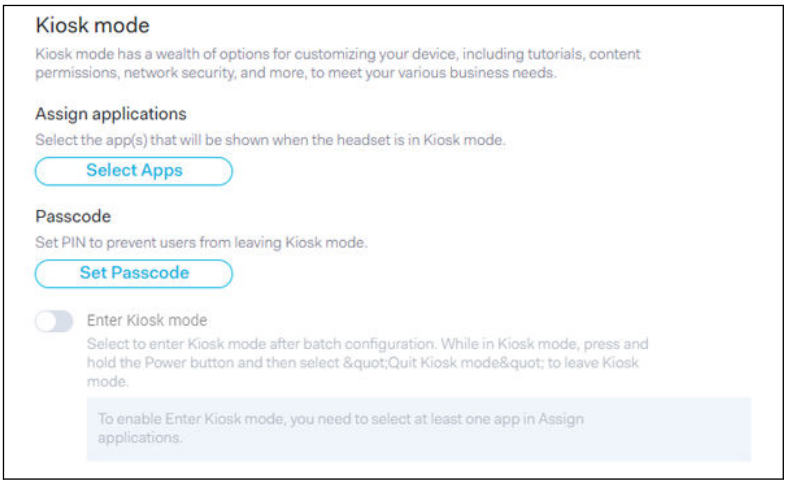
1. Do steps 1 to 5 in Getting the apps from VIVE Business AppStore on page 5 to get the apps from our app store.
2. Once the apps are added to your library in the VIVE Business Device Management System, click **Manage Devices** > **Batch Configuration**, and then select **VIVE Focus 3**.

3. Click **Start** or **Create New**, and then follow the onscreen instructions to create the batch configuration package.

   - Make sure to select **Training Launcher** and **Training Service** under **Corporate and Licensed Content** > **Licensed**.



   - The **Enter Kiosk mode** option also needs to be turned off under **Kiosk mode**.



4. After creating the package, go to **Manage Devices** > **Batch Configuration**. Download and copy the batch configuration package (ZIP file) and key to the root folder on your microSD card.

Do not copy the files to a folder on the microSD card. The headset will not be able to detect them.

5. Insert the microSD card into a headset, and then turn the headset on.
6. In the headset, select **Settings** > **Advanced** > **Reset device** > **Erase all data**. The headset will then restart and perform a factory reset.
7. Open **Training Launcher** and try pushing VR content from your Android device to the headset. Make sure you can view and interact with the VR content in the headset.

Installing the apps with the ADB tool

You can use the Android Debug Bridge (ADB) tool to copy the APK files of the Training Launcher and Training Service apps from your computer and install them on the headset.

- You can download these apps from https://business.vive.com/solutions/training/.
- If you don't have the ADB tool installed on your computer, click here to download it.

1. Connect a headset to your computer using a USB Type-C cable.
2. In the headset, select **Transfer files**.
3. When prompted, select **Always allow from this computer**, and then select **OK**.

If there is no prompt, do any of the following:

- Go to **Settings** > **Advanced** to check if the **USB debugging** option is turned on.
- If the headset is in Kiosk mode, press and hold the headset button, and then select **Quit Kiosk mode**.

4. On your computer, open the command prompt to enter the proper commands for installing `VIVETraining_launcher.apk` and `VIVETraining_service.apk`.

   Do one of the following:

Option	Description
Method 1	1. Press the Windows logo and R keys to open the **Run** dialog box. Enter `cmd`, and then click **OK**. 2. In the command prompt window, enter `adb devices` and press **Enter** to check if the VR headset and your computer are connected. 3. Enter the following: ▪ `adb install -r c:\users\username\desktop\VIVETraining_launcher.apk` ▪ `adb install -r c:\users\username\desktop\VIVETraining_service.apk`
Method 2	1. Go to the folder where you saved the APK files. Click the navigation bar, enter `cmd`, and then press **Enter**. 2. In the command prompt window, enter `adb devices` and press **Enter** to check if the VR headset and your computer are connected. 3. Enter the following: ▪ `adb install -r VIVETraining_launcher.apk` ▪ `adb install -r VIVETraining_service.apk`

5. After installation is complete, restart the headset.
6. Open **Training Launcher** and try pushing VR content from your Android device to the headset. Make sure you can view and interact with the VR content in the headset.

Home screen

From the VIVE Business Training home screen, you can manage VR titles and headsets and choose how to launch titles on the headsets.

After you've reached the home screen, VIVE Business Training automatically checks for the latest app update.



For details, see the following topics:

Adding and managing VR headsets:

- Adding VR headsets on page 10
- Setting a headset passcode on page 11
- Checking the status of VR headsets on page 13

Ways to add VR titles:

- Subscribing to and downloading cloud-based VR titles on page 15
- Adding VR titles from your device on page 15

Ways to launch VR titles on the headsets:

- Using Control mode to launch VR titles on page 18
- Setting VIVE Business Training to Assignment mode on page 22

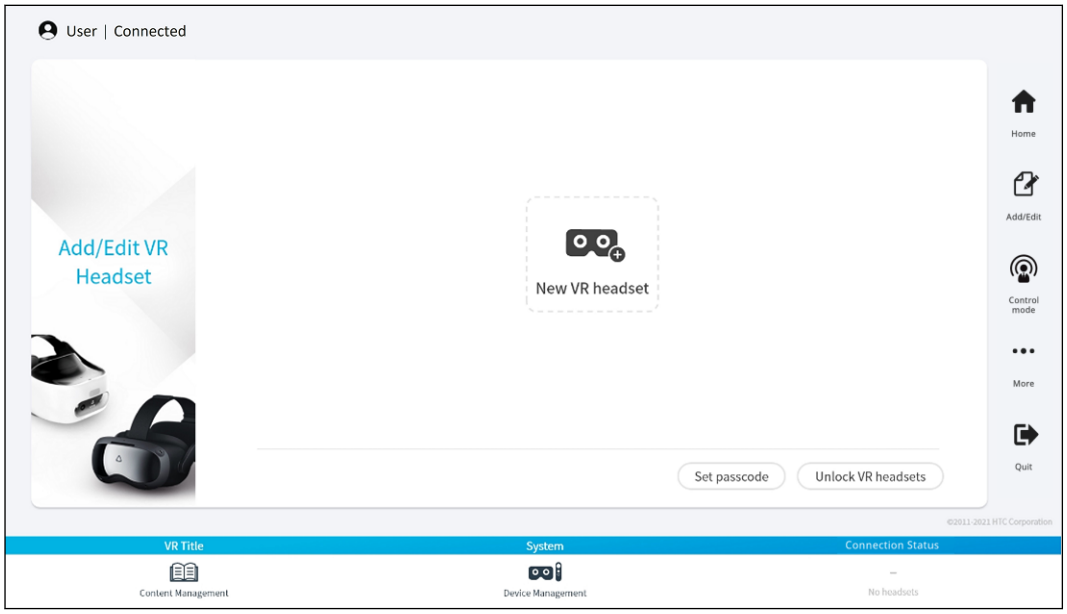
Managing devices

Adding VR headsets

Add the VR headsets that you will manage and control from VIVE Business Training to your Android device.

Before opening the VIVE Business Training app, make sure your Android device and the VR headsets are connected to the same Wi-Fi network. For details, see Requirements on page 4.

1. In VIVE Business Training, tap **Add/Edit**.
2. Under Add/Edit VR Headset, tap **Confirm**.
3. Tap **New VR headset**.



4. Enter the VR headset serial number and a short description about the headset, and then tap **Confirm**.



In the headset, go to **Settings** > **General** > **About** > **Headset status** to find the headset's serial number.

5. Add the remaining headsets.

Setting a headset passcode

You can set a passcode to lock VR headsets and maintain control. This prevents users from exiting a VR title being broadcast to their headsets. Users also won't be able to exit the Training Launcher app while their headsets are connected to VIVE Business Training.



Here's how to set a headset passcode:

1. In VIVE Business Training, tap **Add/Edit**.
2. Under Add/Edit VR Headset, tap **Confirm**.
3. Tap **Set passcode**.

4. Enter a four-digit passcode, and then tap **Confirm**.
5. When prompted, tap **Confirm** again.

- After setting the passcode, you can unlock the headsets, but you can't remove the passcode. For details, see Unlocking VR headsets on page 12.
- To change the passcode, tap **Set passcode** again, and then enter a new passcode.

Unlocking VR headsets

When you unlock VR headsets, your users will be able to exit the Training Launcher app on their headsets.

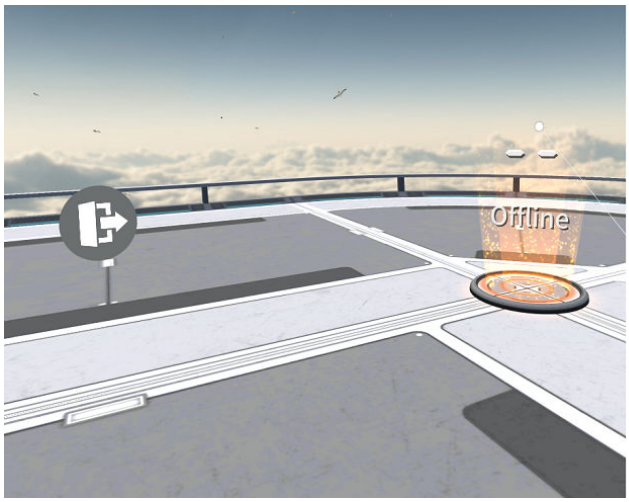
In Control mode, you need to close the currently running VR title before you can unlock the headsets.

1. In VIVE Business Training, tap **Add/Edit**.
2. Under Add/Edit VR Headset, tap **Confirm**.
3. Tap **Unlock VR headsets**.
4. Tap **Confirm**.

The headsets will automatically lock again when you do one of the following:

- Launch a VR title in VIVE Business Training to broadcast to the headsets.
- Switch between Control mode and Assignment mode.

When you exit VIVE Business Training or the app is disconnected from the network, the status `Offline` will be displayed in the Training Launcher app. To exit Training Launcher, select the **Exit** icon, and then enter the headset passcode (or enter the default passcode, `0000`, if you haven't set a headset passcode).



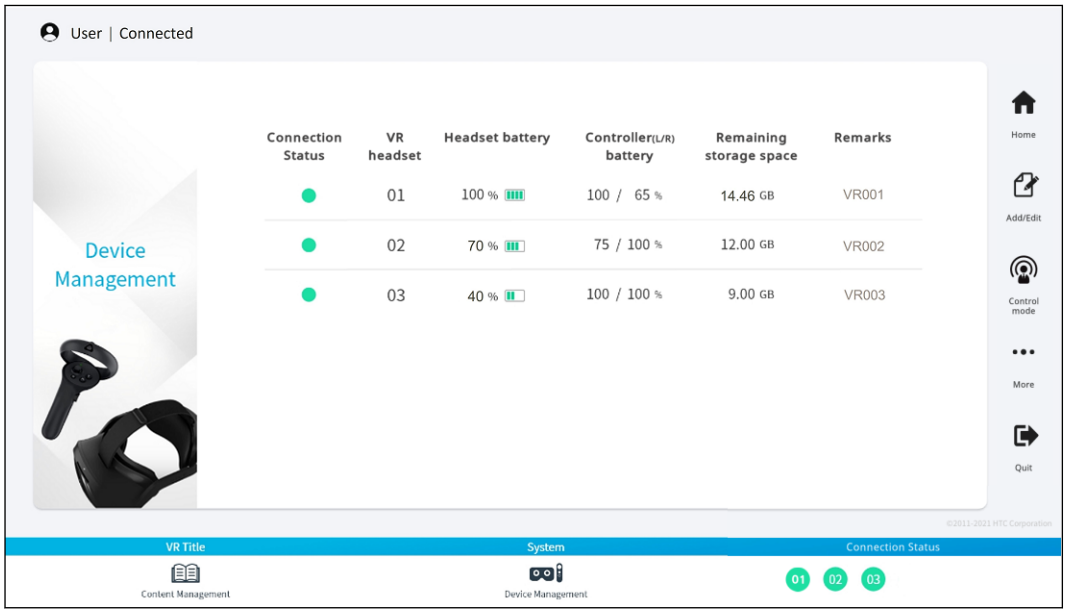


Checking the status of VR headsets

You can check VR headset status—for example, connection status, battery level, and storage—when the headsets are connected to your Android device.

Before opening the VIVE Business Training app, make sure your Android device and the VR headsets are connected to the same Wi-Fi network. For details, see Requirements on page 4.

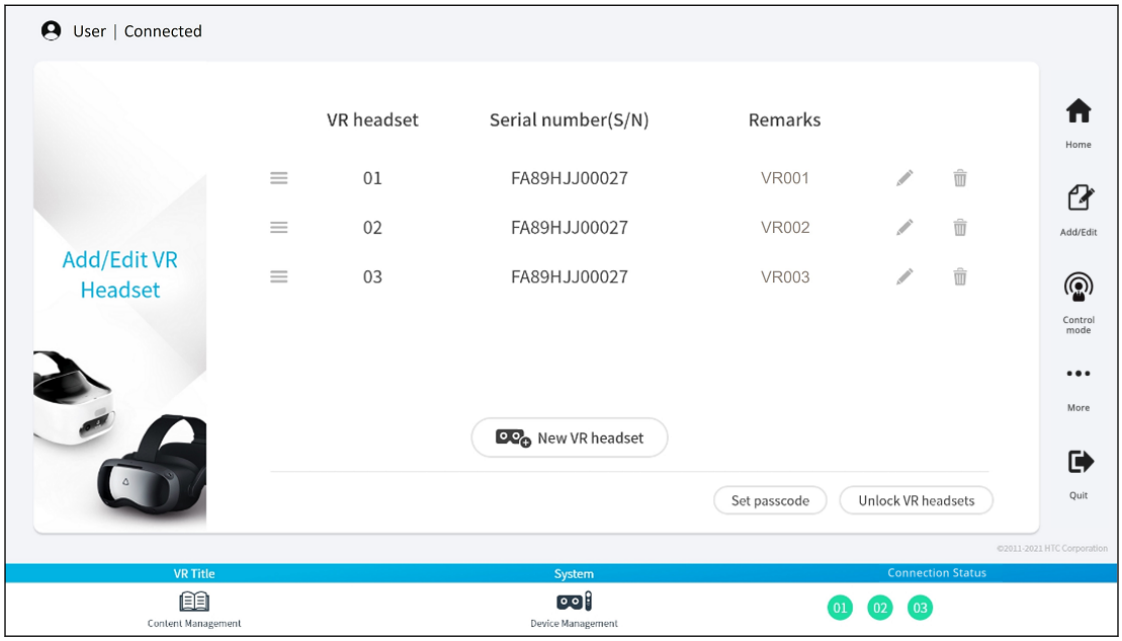
In VIVE Business Training, tap **Device Management**. You'll then see the status of each VR headset on the list.



Editing the headset list

You can make changes to the headset list—for example, edit details, remove headsets, or rearrange the order of the headsets.

1. In VIVE Business Training, tap **Add/Edit**.
2. Under Add/Edit VR Headset, tap **Confirm**.
3. You can do the following:
   - Tap ✎ to edit headset details.
   - Tap 🗑 to remove a headset.
   - Tap and hold ☰, then drag the headset to a different position to change the order of the headsets. The headset number automatically changes.



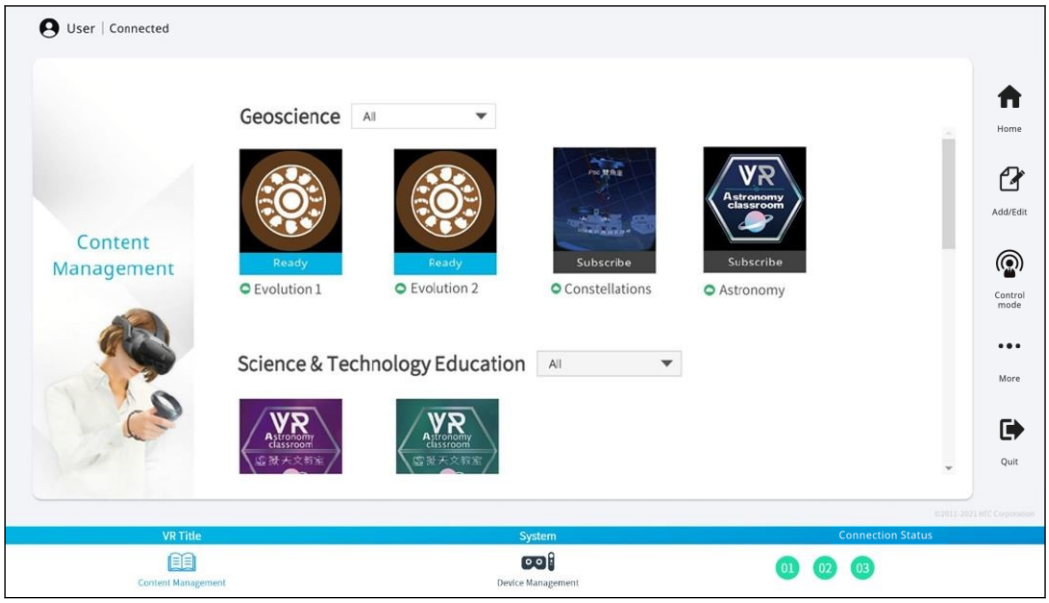
Managing content

Subscribing to and downloading cloud-based VR titles

VR titles can be stored in the HTC cloud server for businesses or users who purchased VIVE Business Training with cloud content management service. You'll need to subscribe to the titles stored in the cloud server and download them to your Android device.

1. In VIVE Business Training, tap **Content Management**.
2. Scroll through the list of available titles. VR titles that can be downloaded will display the status `Subscribe`.
3. Find the title you want, and then tap **Subscribe**.

Once the title is downloaded, it will display the status `Ready`.



After you've subscribed to and downloaded a VR title, VIVE Business Training automatically pushes it to the headsets.

Adding VR titles from your device

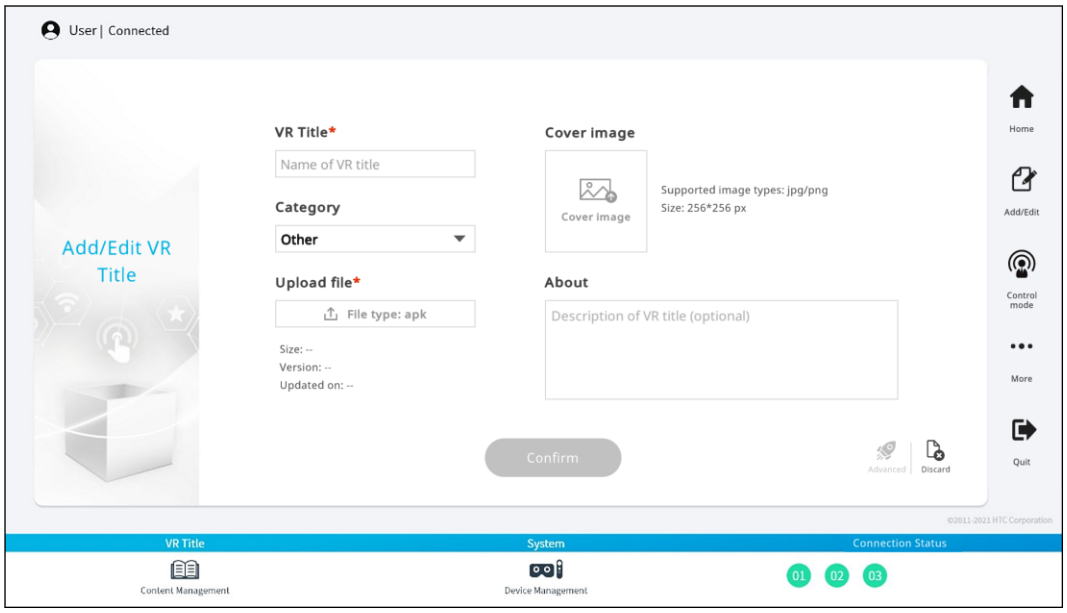
If you have VR titles on your Android device, you can add them to VIVE Business Training.

1. In VIVE Business Training, tap **Add/Edit**.
2. Under Add/Edit VR Title, tap **Confirm**.

3. Tap **Add VR title from this device**.



4. Tap the **Category** field, and then select or create a category.
5. Tap the **Upload file** field, and then select the APK file for the VR title.
6. Tap the **Cover image** field, and then select the image to use as the cover thumbnail.
7. In the **VR Title** and **About** fields, enter a name and description for the VR title.

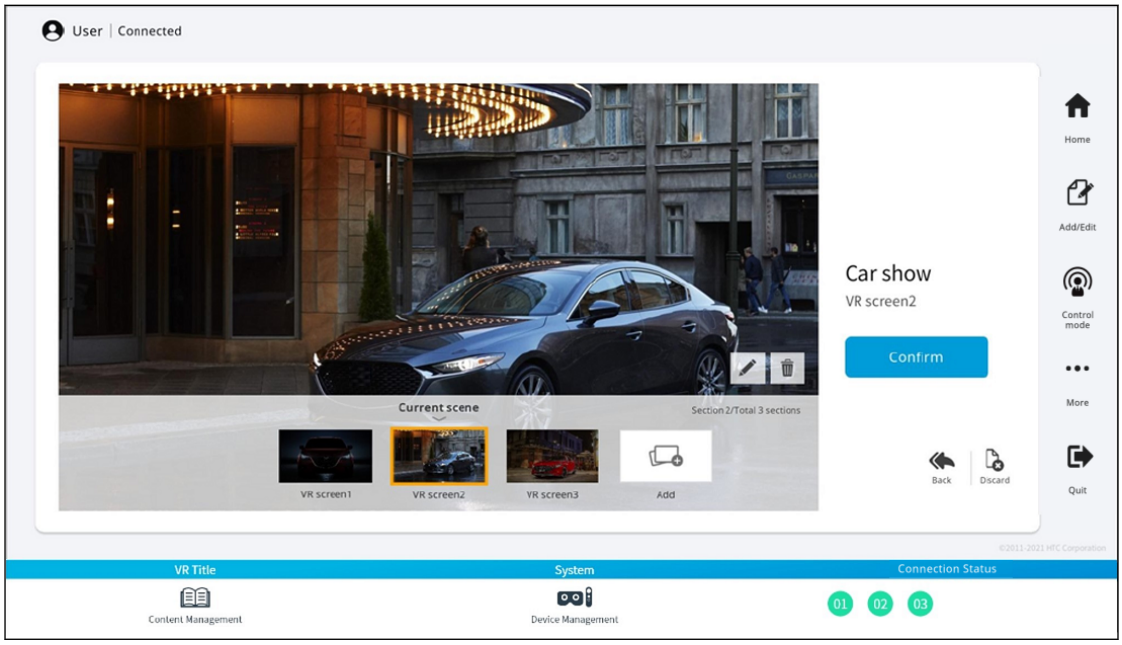


8. If you have screenshots of the VR title, tap **Advanced**, and then do the following to add them to the title:

   a) Tap **Add**. A new thumbnail will be created.

   b) Tap ✎. Tap the **Edit** field, and then select the image you want to add. You can also enter a description for the image.

   Repeat the above steps to add more screenshots.



9. When done, tap **Confirm** to add your VR title.

- After you've added a VR title, VIVE Business Training automatically pushes it to the headsets.
- To edit a VR title, repeat steps 1 and 2, tap the VR title, and then tap **Edit VR title**. After making your changes, tap **Confirm**.

Deleting VR titles

You can delete VR titles downloaded from the cloud server or added from your Android device.

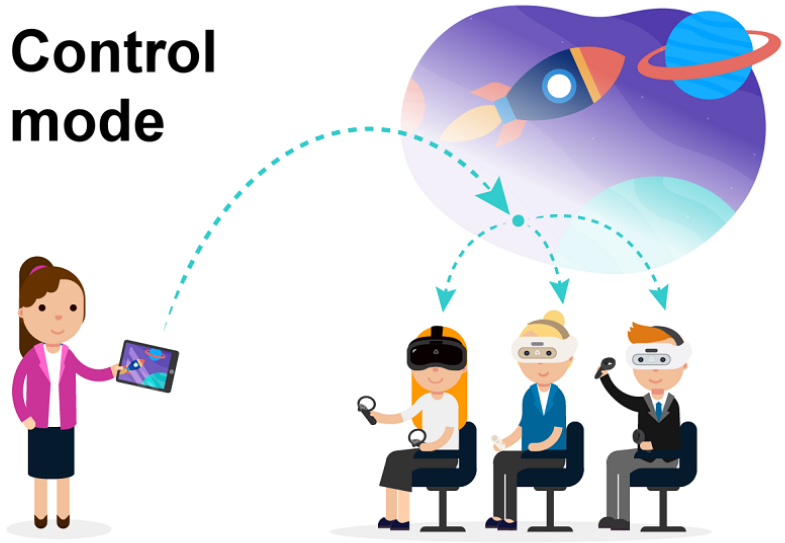
- To delete a title downloaded from the cloud server, do the following:
  - **a)** In VIVE Business Training, tap **Content Management**.
  - **b)** Tap the title you're subscribed to that you want to delete, and then tap **Delete**.
- To delete a title added from your Android device, do the following:
  - **a)** In VIVE Business Training, tap **Add/Edit**.
  - **b)** Under Add/Edit VR Title, tap **Confirm**.
  - **c)** Tap the locally added title you want to delete, and then tap **Delete**.

Launching VR titles

Using Control mode to launch VR titles

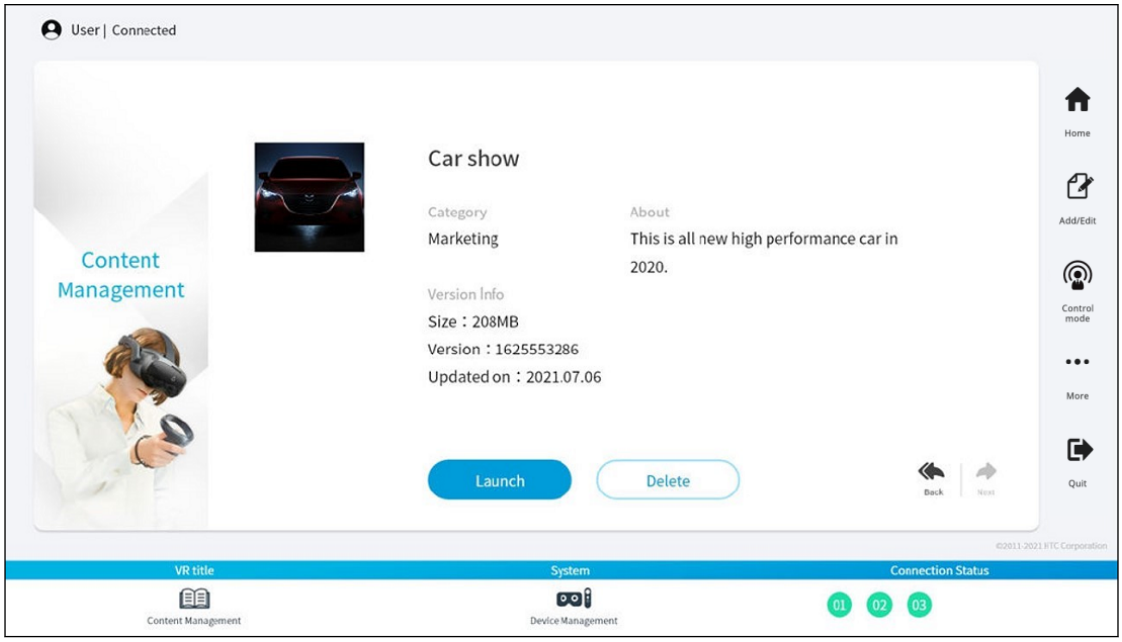
By default, VIVE Business Training is set to Control mode. Use Control mode to simultaneously start or stop a VR title running on multiple headsets from VIVE Business Training.

You can launch any subscribed or locally added VR title from VIVE Business Training.

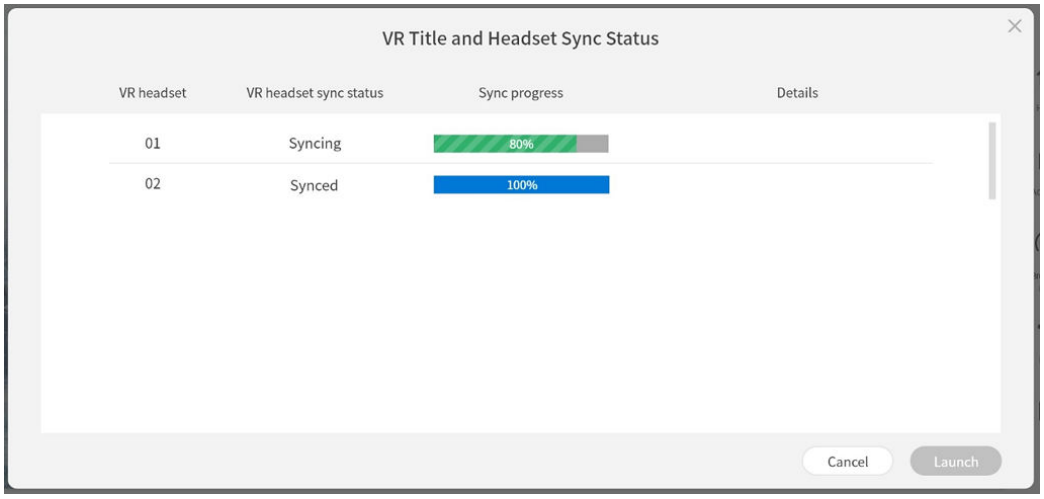


1. In VIVE Business Training, tap **Content Management**.
2. Tap the VR title you want to broadcast to the headsets.

3. Tap **Launch**.



4. If you have just subscribed to the VR title, wait for VIVE Business Training to finish syncing the title with the headsets, and then tap **Launch**.



Your users can now view and interact with the VR title on their headsets.

- To exit the VR title, tap **Close**.
- You need to exit the current VR title before you can add or edit other VR titles.

Mirroring the headset screen

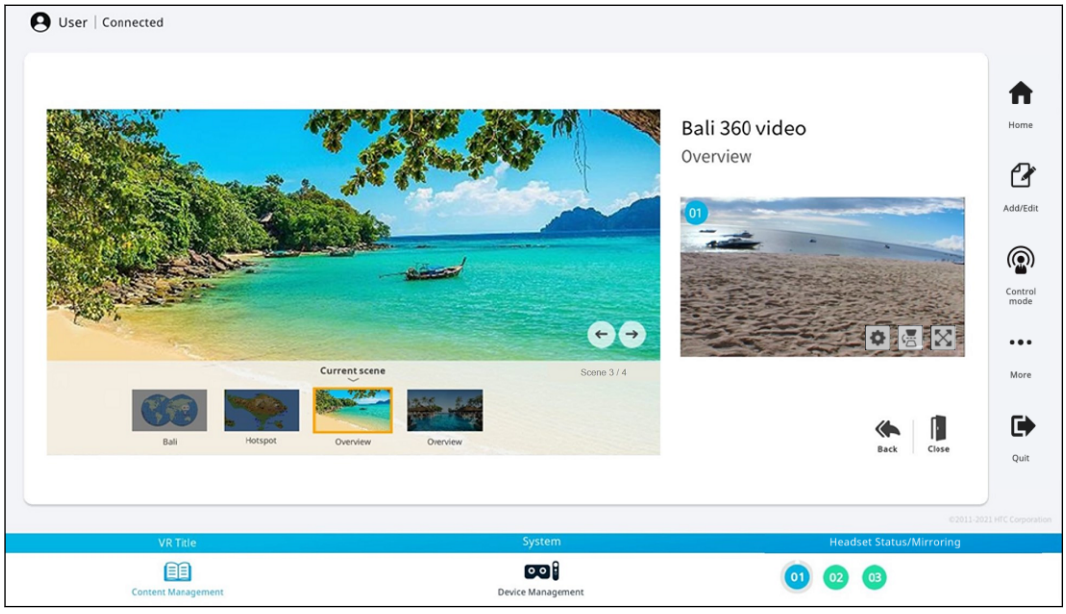
In Control mode, you can mirror a user's headset screen to the VIVE Business Training app while the user is viewing a VR title.

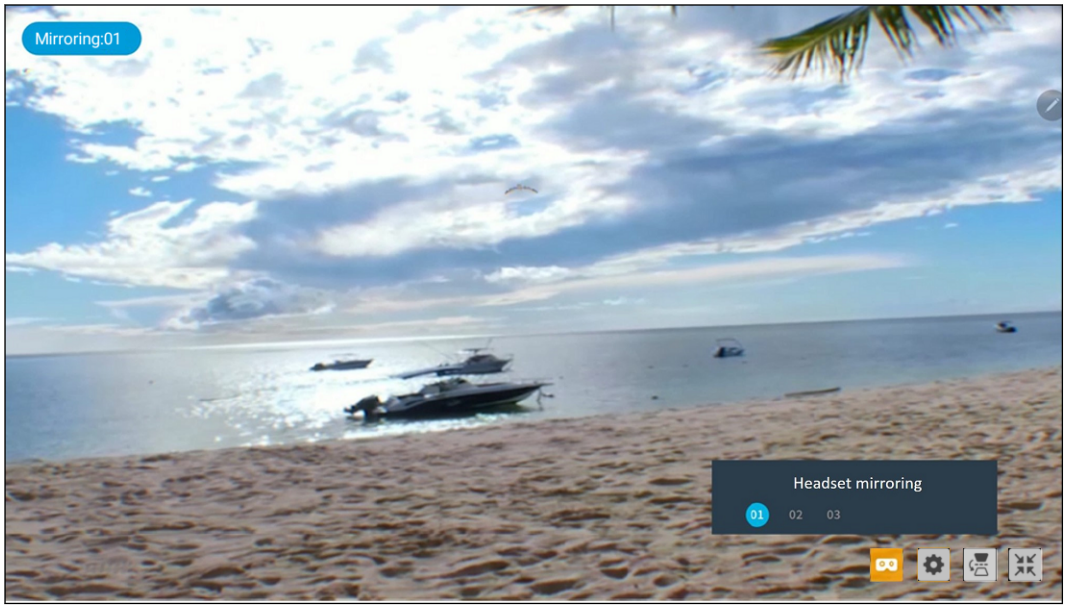
1. In the Headset Status/Mirroring tab, tap a headset number.

   A window showing the headset screen will then appear on the right side of the VIVE Business Training app.

2. You can then do the following:

   - Tap to display the window in full screen.
   - Tap to change the window back to the original size.
   - Tap to switch between headsets.
   - Tap to change the video resolution.
   - Tap to flip the image upside down.

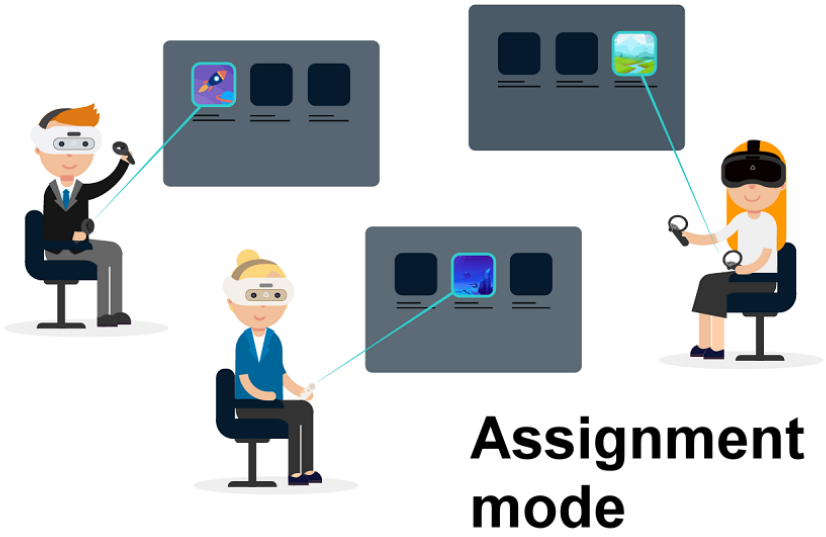



Mirroring:01
Headset mirroring
01
02
03

Setting VIVE Business Training to Assignment mode

When you set VIVE Business Training to Assignment mode, users will be able to freely choose VR titles and decide when to start or stop running a title on their headsets.

Users will be able to access all locally added VR titles and titles you are subscribed to in VIVE Business Training from their headsets.



1. In VIVE Business Training, tap **Control mode**.
2. Select **Assignment mode**, and then tap **Confirm**.
3. Select the titles you want users to have access to, and then tap **Confirm**.



You need to subscribe to the VR titles first before you can see them in the list. See Subscribing to and downloading cloud-based VR titles on page 15.

Users will then be able to see the VR titles in Training Launcher and launch them in their headsets.

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