

**You should have received the following email from
leapaust.com.au, now you will need to follow my
instructions to install and configure the software onto
your laptop!!**

Vuforia Studio Setup and Access

IM I [redacted] M [redacted] <i [redacted].m [redacted]@leapaust.com.au>
2022/4/10 11:16



收件人: S [redacted] W [redacted]

保存所有附件



1 Your ThingMark Image

Hi [redacted],

Your account has been setup on the RMIT University AR server allowing you to create and publish AR experiences with Vuforia Studio.

The following [tutorials](#) from PTC will provide you with a brief introduction into Vuforia Studio.

Use the following [link](#) for instructions on how to download and install Vuforia Studio or click the following [link](#) to download via the Microsoft Store. The Default Experience Service URL to be entered in Step 7 on page 4 is: <https://rmit-dev.es.thingworx.com/ExperienceService>

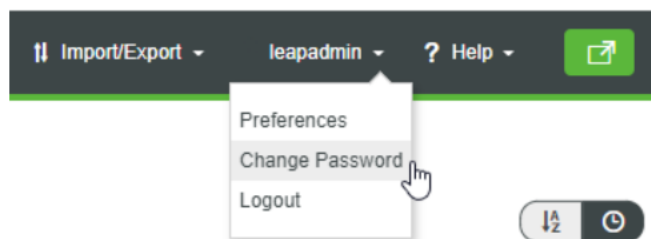
You will need to enter your username and password when publishing or viewing an AR experience (if "requires authentication" is selected) in the Vuforia View app.

Please use the following credentials:

Username: [redacted]
Password: [redacted]

Your ThingMark is 15 [redacted] and a copy of this is attached.

If you want to change your password, you can login to the server at: <https://rmit-dev-twx.es.thingworx.com/> and then select the drop-down next to your username in the top, right of the page and choose the Change Password option as shown:



Regards,

Step 1:

Open the **Setup Instruction**.

1. Ensure you have at least one of the **Supported Browsers** on your PC.
2. Click the **link** to download the latest Vuforia Studio **installer**.
3. Run the downloaded **installer** to install the Vuforia Studio.

Vuforia Studio – Installation & Setup Instructions

Vuforia Studio will be used to author and publish AR Experiences and its companion app, Vuforia View will be used to view these published experiences.

This document outlines how to download and setup these software components.

Vuforia Studio

Vuforia Studio is supported on the following Operating Systems and Browsers

Operating System	Supported Versions	Supported Browsers
Windows	7, 10 (64-bit only)	Google Chrome Microsoft Edge (version 79 or greater)
Mac	El Capitan	Google Chrome Microsoft Edge (version 79 or greater)

Download the latest Vuforia Studio installers from here: <https://files.leapaust.com.au/s/jgRQqoS65Xongsl>

Download and install Google Chrome from here: <https://www.google.com/chrome/>

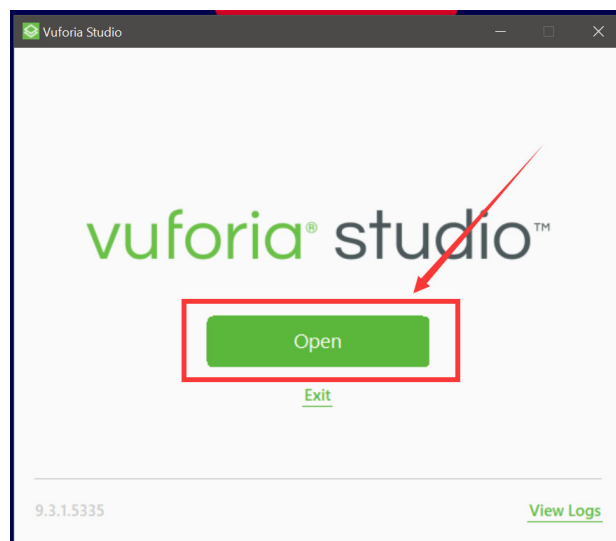
Download and install Microsoft Edge from here: <https://www.microsoft.com/en-us/edge>

Note that direct CAD import support is limited on Mac. See the list of supported CAD file formats [here](#) for more details.

Step 2:

Click **Open** to launch the main window of Vuforia Studio.

Hint: if there is an **error** and the **Open** button is not active, please refer to the troubleshooting part at the end of this document.



Step 3:

Review and **Accept** the PTC Customer Agreement to continue. From the Configure Vuforia Studio dialog, select the link at the bottom **No thanks, I will configure Vuforia Studio manually**.

The left screenshot displays the 'Vuforia Studio License Agreement' window. It contains the 'PTC CUSTOMER AGREEMENT' text and two buttons at the bottom: 'I Accept' (highlighted with a red box) and 'I Decline'. A red arrow points from the 'I Accept' button to the right screenshot.

The right screenshot displays the 'Configure Vuforia Studio' dialog. It includes instructions to connect to a Developer Portal account, a list of tasks (Identify your Experience Service, Retrieve your ThingMarks, Prepare your sample projects), and input fields for 'Username' and 'Password'. Below these is a green 'Configure' button and a link at the bottom: 'No thanks, I will configure Vuforia Studio manually' (highlighted with a red box). A red arrow points from the 'Configure' button to this link.

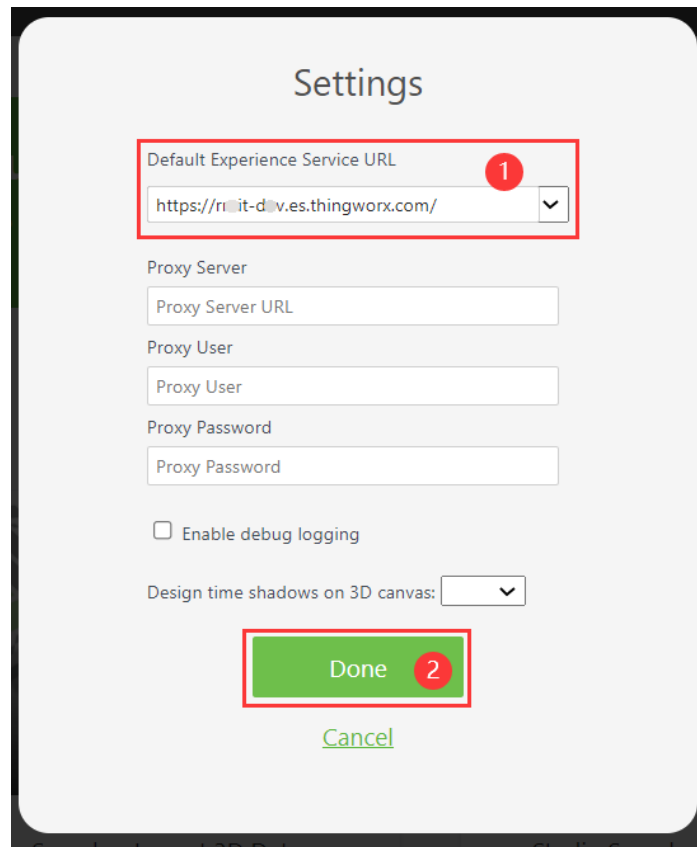
Step 4:

Click the button “...” to open the menu and click the **Settings** option.

The screenshot shows the Vuforia Studio interface. At the top, there is a 'My Projects' header. Below it is a green banner with the text 'Welcome to Vuforia® Studio™' and a description of the technology. To the right of the banner is a menu icon (three horizontal lines) and a 'Recent' dropdown. Below the banner are three sample project cards: 'Studio Sample - Quadcopter', 'Studio Sample - Import 3D Data', and 'Studio Sample - HoloLens Experience'. In the top right corner, there is a menu icon (three dots) and a dropdown menu with options: 'Portal Login', 'Import Project', 'Check for Updates', 'Settings' (highlighted with a red box), 'Studio Language', 'Help Center', and 'About Vuforia Studio...'. A red arrow points from the 'Settings' option in the dropdown menu to the 'Settings' option in the dropdown menu.

Step 5:

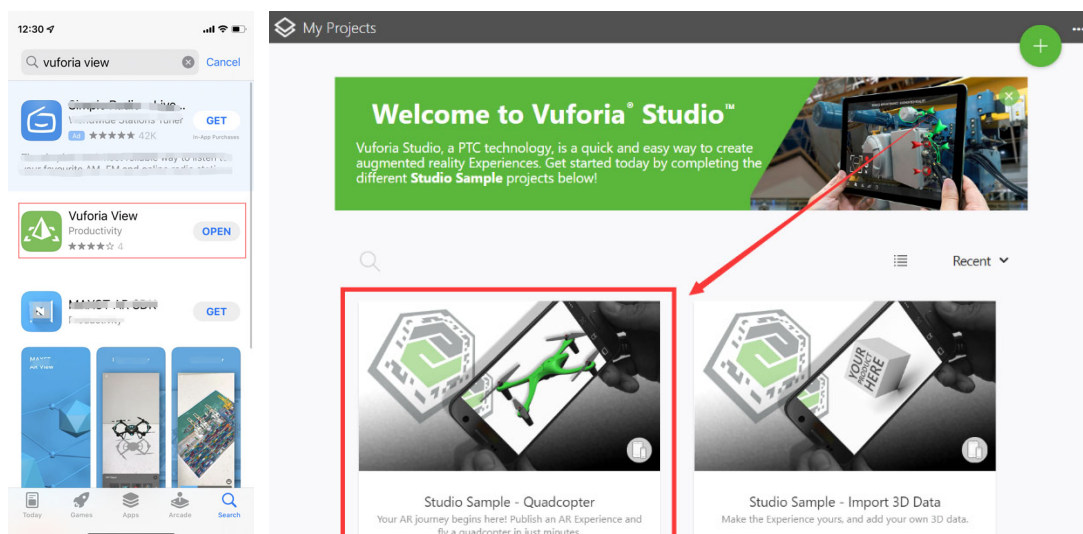
Copy your **Service URL** (3 in the email) and paste here, and then click **Done**.

**Step 6:**

Download and install the **Vuforia View** application on your smartphone.

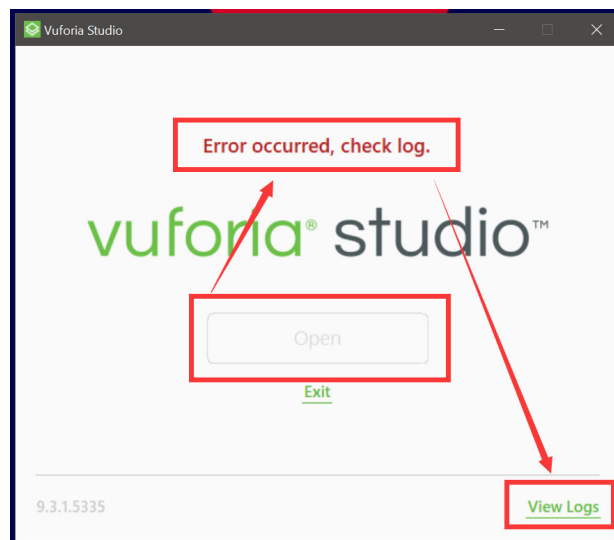
You can try to open and view the **Studio Sample – Quadcopter** using the application.

We will use the Studio Sample – Import 3D Data in our class. Please do not change anything in it.



(Optional) if you have encountered the following problem, please refer to this troubleshooting document!!

Problem: If **Open** button is not responding and **Error occurred**, check log, please click **View Logs**.

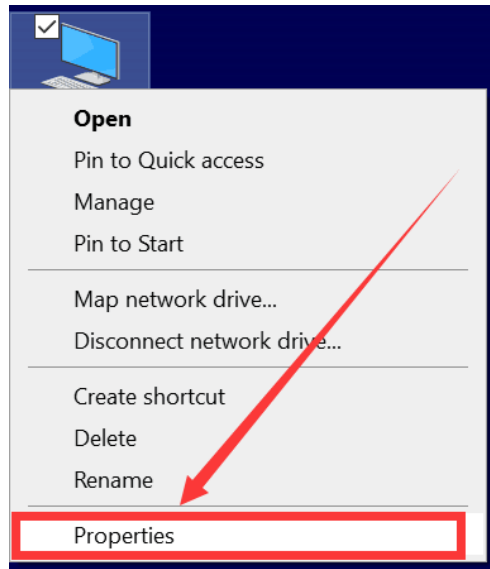


The **studio.log** shows an error with **errno: -4092**

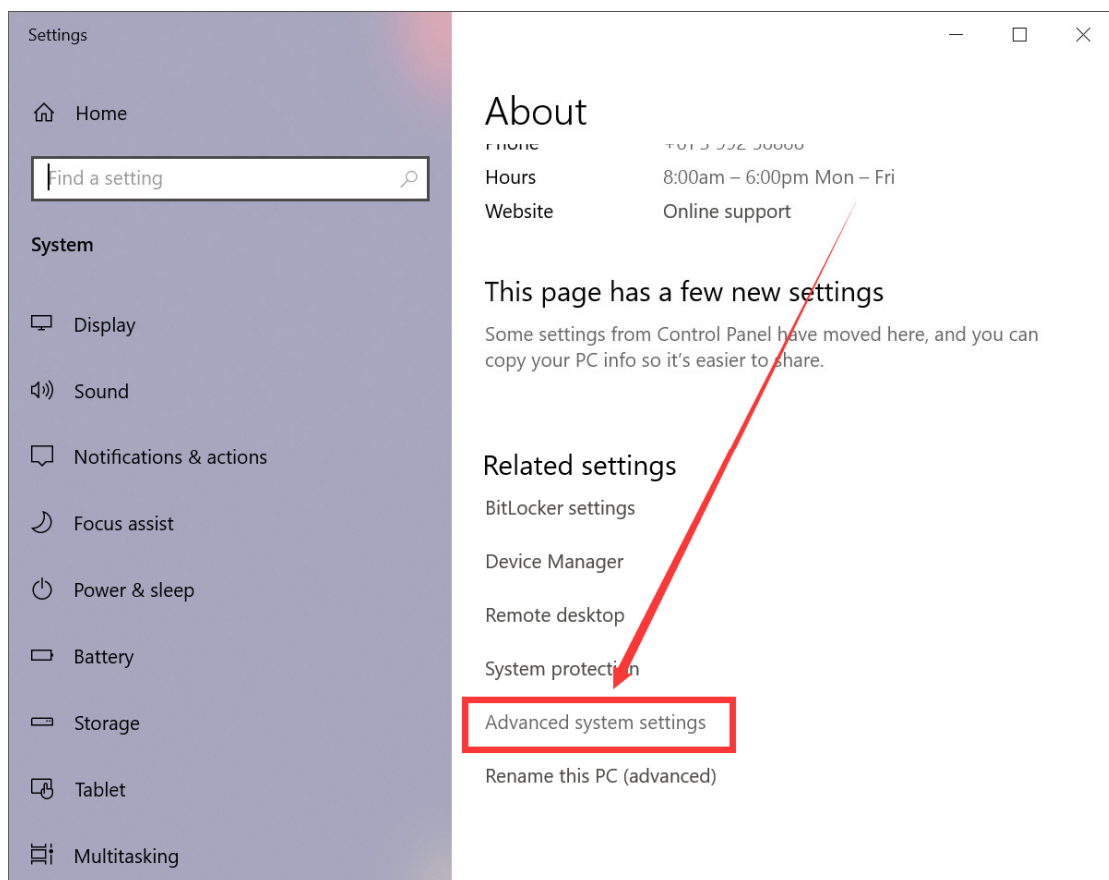
```
File Edit Format View Help
_: [ '\\\\rmit.internal\\USRHome\\s14\\s3767614' ],
'$0': '..\\..\\..\\..\\..\\..\\..\\Roaming\\VuforiaStudio\\studio-download.vuforia.io\\dist\\
\\server\\index.js'
}
[2022-04-08T03:22:08.421Z] info: [twx-studio:initializer] studio dir: C:\\Users
[redacted] Documents\\VuforiaStudio , home dir: C:\\Users\\[redacted] Documents
[2022-04-08T03:22:36.223Z] info: [twx-studio:gitUtils] nodegit is not installed.
[2022-04-08T03:22:37.360Z] info: [twx-studio:ar-extension:upgrade] ar-extension version
9.3.1.5335 (1.55.2141)
[2022-04-08T03:22:48.583Z] info: [twx-studio:versionCheck] Version Check will use the update
location: https://studio-download.vuforia.io/downloads/Studio.application
[2022-04-08T03:22:48.730Z] error: [twx-studio:index] uncaughtException listen EACCES:
permission denied 127.0.0.1:3000 Error: listen EACCES: permission denied 127.0.0.1:3000
  at Server.setupListenHandle [as _listen2] (net.js:1303:21)
  at listenInCluster (net.js:1368:12)
  at GetAddrInfoReqWrap.dolisten [as callback] (net.js:1505:7)
  at GetAddrInfoReqWrap.onlookup [as oncomplete] (dns.js:71:8)
  at GetAddrInfoReqWrap.callbackTrampoline (internal/async_hooks.js:131:17) {
    code: 'EACCES',
    errno: -4092,
    syscall: 'listen',
    address: '127.0.0.1',
    port: 3000
  } uncaughtException
```

Solution:

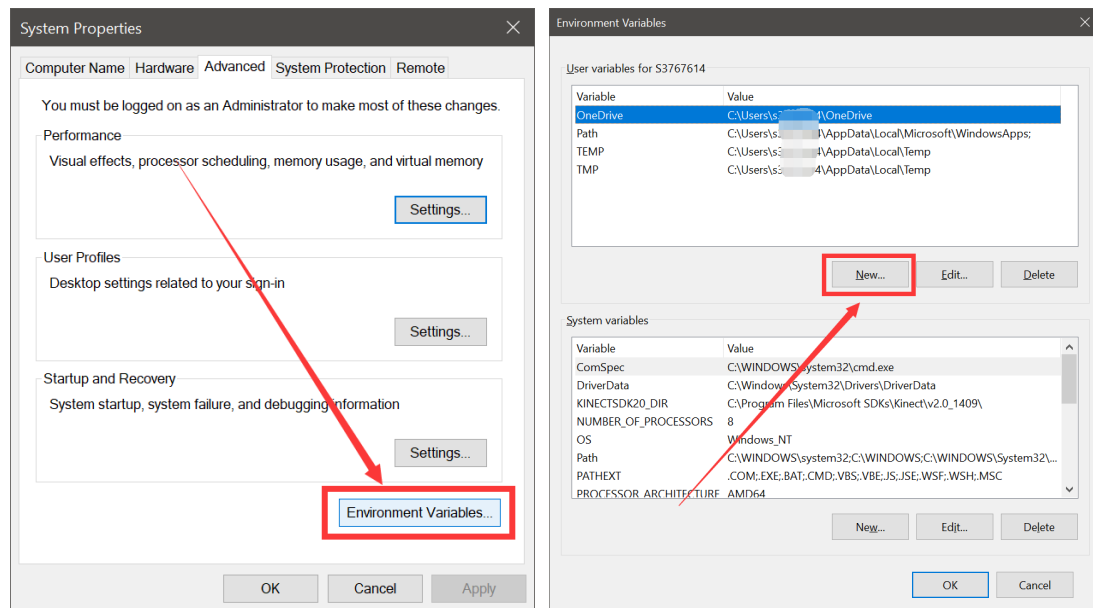
Step 1: Exit **Vuforia Studio**. Right click on **This PC** icon and click **Properties**.



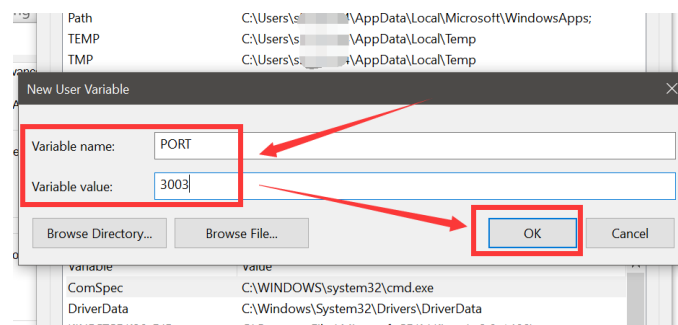
Step 2: Find and click **Advanced system settings** at the end of this page.



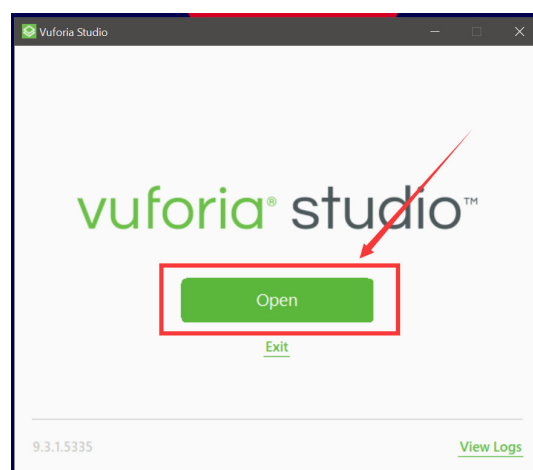
Step 3: Click the **Environment Variables** button and click the **New...** button.



Step 4: Add a new user variable **PORT** with a value of your choice e.g., **PORT – 3003**, and click **OK**.



Step 5: Re-open Vuforia Studio. Now you can click the **Open** button, and a new window will pop up. (If there is still an error, try use different port value in Step 4)



Step 6: The window says **This page isn't working right now**. It is because the address is still **localhost:3000**. Change the value to your port value (e.g., **localhost:3003**). Then you can use the Vuforia Studio normally.

