

Access home computer from anywhere

**Secure file access to PC from any
authorized device while on the go**

Introduction

While lots of our documents, photos, and music can live in the cloud these days, there are still lots of reasons it would be convenient to connect to our home systems while we are way. However, there aren't a lot of good ways to do this. There are some products that do it, but they aren't free and they require granting access to a third party to your home network. Making a hole in your internet firewall is technically possible but practically very difficult and a huge security risk. But with Airwall Teams, not only can you connect from your iPad, phone, or laptop, but it only takes minutes to set up.

In this guide, we'll explain how to do this. Basically, we're going to install Airwall Teams and use it to create a completely private network so no one can intercept your traffic. Airwall Teams traverses nearly all firewalls without any need for pinholes, so this will work on your cell phone or any other device you want to use to access the camera remotely. I used an iPad. Once we establish connectivity, we'll need to configure your Windows PC to allow the connection and we're ready to go.

What you'll need

1. A Windows device you'd like to access remotely.
2. A phone, tablet, or PC to access it from
3. An Airwall Teams account
4. About 20 minutes

Step 1: Build your network

If you haven't already done so, head over to airwallteams.tempered.io, sign up for an account, and establish connectivity between them. If you're new to Airwall Teams, check out the guide here:

https://webhelp.tempered.io/webhelp-ft/content/topics/awteams_getstarted.html

When you're done, it should look like this:

The screenshot shows the Tempered web interface. At the top, there's a dark header with the Tempered logo and a user profile icon. Below that, a yellow bar indicates the current network: "Current Network Access home from anywhere". The main content area is titled "Access home from anywhere" and includes a "Learn about Airwall" button. A table lists trusted devices:

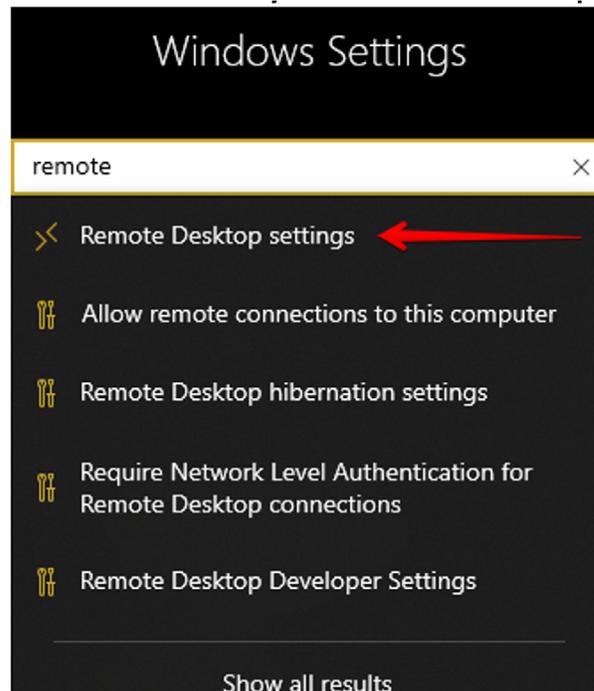
Trusted Device	Overlay IP	Online
Home PC	10.26.11.2	✓ 🗨
My iPad	10.26.11.1	✓ 🗨

Below the table is an "Expand my network" button. To the right, a network diagram shows "Home PC" and "My iPad" connected by a vertical line. The diagram has a toolbar at the bottom with icons for selection, editing, and context menu, and a text prompt: "Drag nodes to position them. Right click to display context".

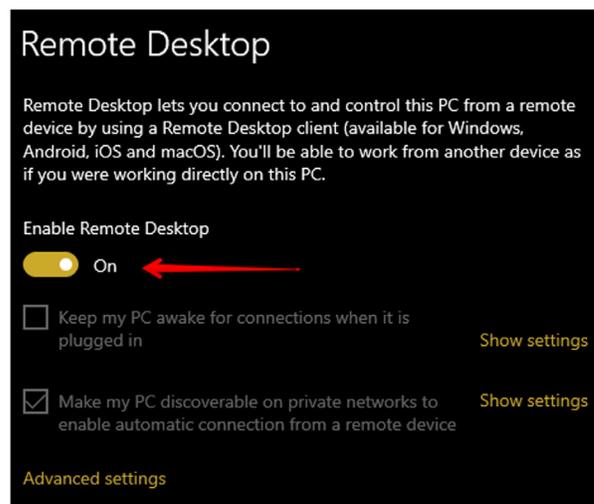
Step 2: Enable Remote Desktop Protocol on the Windows system

Once we have the network set up, we need to enable remote access on the Windows system. Windows uses a protocol called “Remote Desktop Protocol” to enable access to the system from other devices.

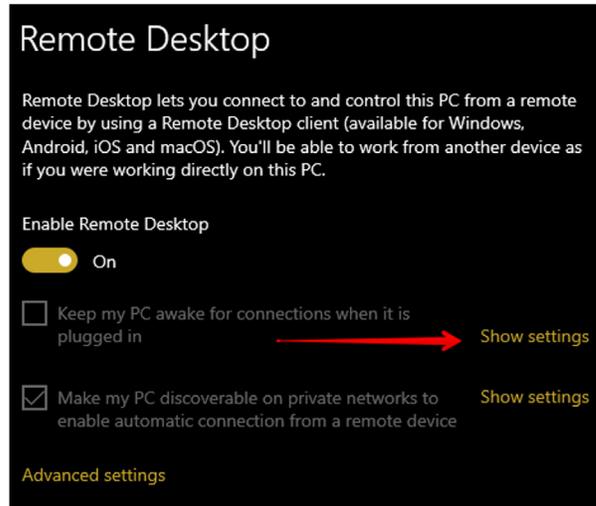
The easiest way to do this is to open “Settings” and search for “Remote”:



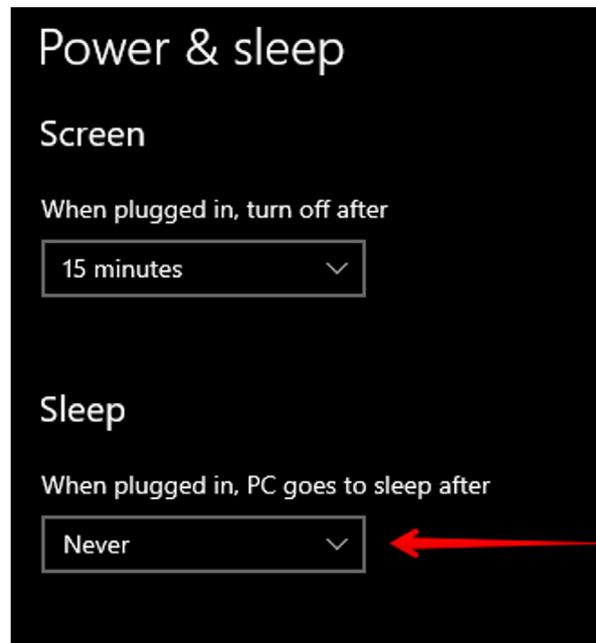
After clicking “Remote Desktop Settings”, enable the feature by clicking the slider:



Once this is complete, you may want to make sure the system will not go to sleep. If it's off, it will not wake up for your connection. Click "Show Settings" to the right of "Keep my PC awake...":

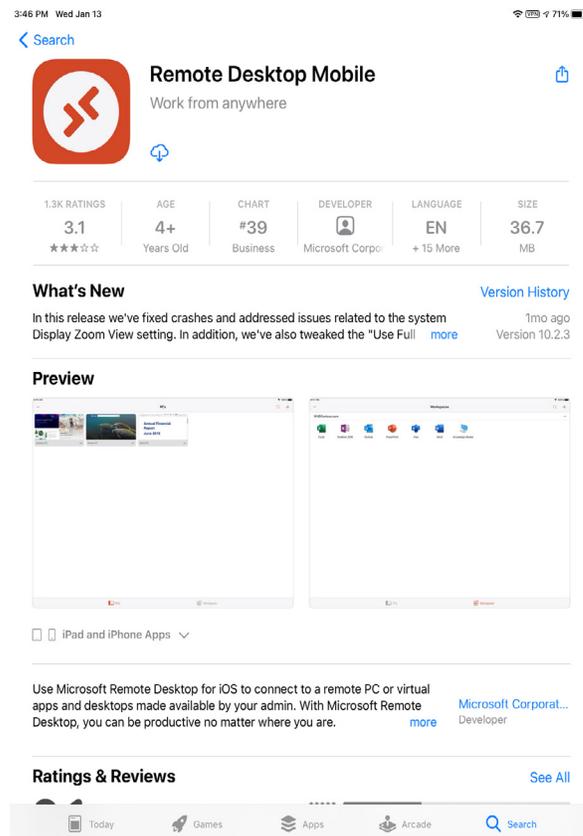


And set it to "never". Note it's fine to let the Screen turn off:



Step 3: Install RDP software

Once that's done, you'll need to install an RDP client. If you are using windows to access your home PC, Microsoft has built-in RDP support. On other platforms, you can find many RDP clients in the app store. I'm going to install Microsoft's official Remote Desktop Mobile app on my iPad:



Step 4: Connect

At this point we're nearly done. The last step is configuring the RDP client to connect to your home PC.

Before we start, we need one piece of information: The "Overlay" IP address of the client. This IP address is different than the one it gets joining your wifi network. To find the overlay IP, just get it from the Airwall Teams portal. In this example, it is 10.26.11.2. Note that this IP address never changes so once you do this once, you can save the IP address in your client and be ready to connect whenever you need:

The screenshot shows the Tempered web interface. At the top, the logo and name 'Tempered' are visible. Below it, a navigation bar shows 'Current Network' and a dropdown menu set to 'Access home from anywhere'. The main content area is titled 'Access home from anywhere' and includes a yellow button labeled 'Learn about Airwall'. Below this is a table with the following data:

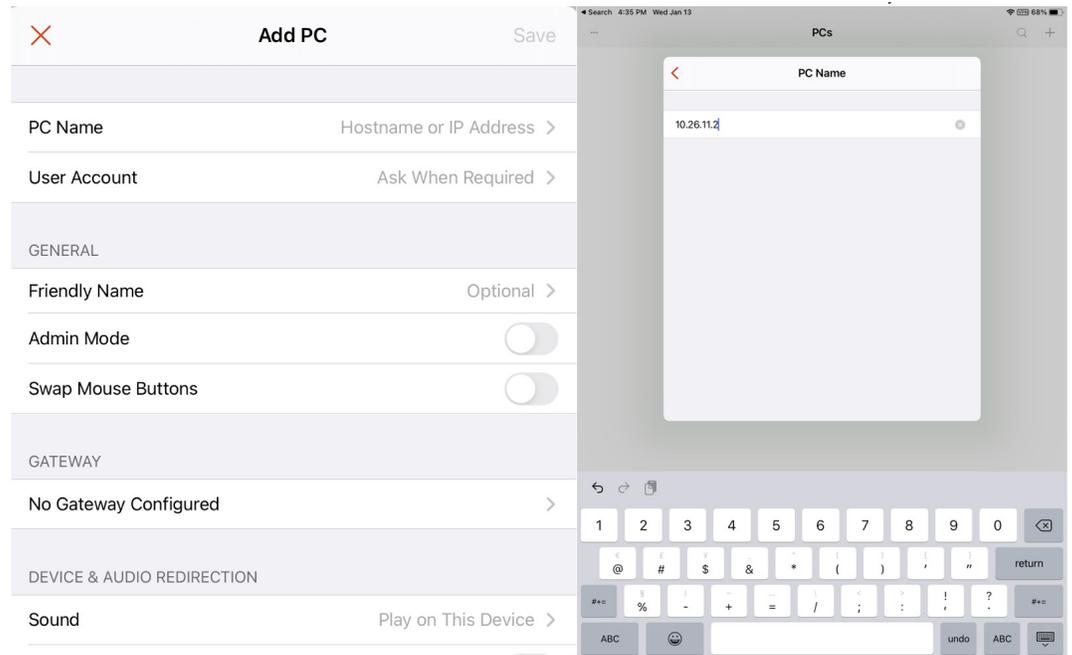
Trusted Device	Overlay IP	Online
Home PC	10.26.11.2	<input checked="" type="checkbox"/> <input type="checkbox"/>
My iPad	10.26.11.1	<input checked="" type="checkbox"/> <input type="checkbox"/>

Below the table is a yellow button labeled 'Expand my network'. To the right of the table is a network diagram showing 'Home PC' connected to 'My iPad'. The diagram has a toolbar at the bottom with icons for selection, editing, and refresh, and a text instruction: 'Drag nodes to position them. Right click to display context'. A yellow chat bubble icon is also present.

Now that we know the IP, open RD Client on the client device. Click “+” to get started:

The screenshot shows the RD Client mobile app interface. At the top, there is a search bar and the time '4:32 PM Wed Jan 13'. The main content area is titled 'PCs' and shows a search icon and a plus sign icon. Below the plus sign is a dropdown menu with two options: 'Add PC' and 'Add Workspace'. At the bottom of the screen, there is a navigation bar with two icons: 'PCs' and 'Workspaces'. The text 'No PCs' is displayed in the center of the screen.

Add the IP address from above in the “PC Name” box, and add a friendly name if you’d like:

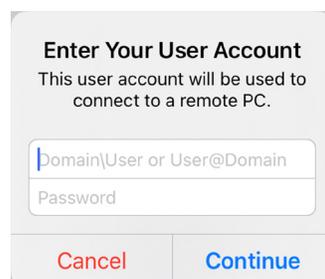


Step 5: Login

After configuration, click the tile for the server you just added:



And login:



You will need to use your username and password to login even if you have your system set up to use a PIN or biometrics to login in person. If you are using Microsoft login, you'll need to use your Microsoft.com username and password.

Now you are logged in, enjoy!



Schedule a call with our experts to learn more.

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