

AI-04735 Sunpower WIFI Credentials Update

How to update the Sunpower pvs5 controller with a new wifi logins?

Yes. For **your PVS5**, the safest way is to reconfigure its Wi-Fi through the **PVS Management App**, not by changing anything in the `/vars` API.

The PVS5 documentation says Wi-Fi credentials are configured during commissioning, and the recommended wired method is **PVS5 LAN1 → laptop**, with **LAN2 → router** also supported. (manualzz.com)

For your setup, do this

1. **Keep your new Google Fiber Wi-Fi running.**
 - Have the new **SSID and password** ready.
 - Your PVS5 uses 2.4 GHz Wi-Fi, so make sure the 2.4 GHz network is available.
2. **Connect your laptop directly to the PVS5**
 - Ethernet cable from your laptop → **PVS5 LAN1**.
 - Turn **Wi-Fi off on the laptop**.
 - This is the commissioning procedure documented by SunPower. (manualzz.com)
3. Open Chrome or Edge and go to:
www.sunpowerconsole.com
4. The **PVS Management App** should allow you to configure the Internet connection.
 - Select **Wi-Fi**
 - Select your **new Google Fiber SSID**
 - Enter the **new Wi-Fi password**
 - Save/apply the configuration.
5. Give the PVS5 several minutes to reconnect.
6. Then reconnect your laptop to your normal LAN and check whether the PVS5 has obtained a new IP address.

Important for YOUR PVS5

You've already established that yours is:

- **PVS5**
- Hardware revision **3.3**
- Software revision **0.0.25.5412**
- IP previously **192.168.1.124**

So I would **not factory-reset it** just to change Wi-Fi.

Also, your recent discovery that:

```
http://192.168.1.124/vars?name=...
```

works is useful. Once we change the Wi-Fi, we can use your router's DHCP/client list or an IP scan to find the PVS5's new address and verify it.

One thing I'd actually recommend for your TX setup

Since you're trying to keep this from becoming another **Frankenstein Lab**, consider **Ethernet instead of Wi-Fi** if you can physically run a cable to the PVS5.

SunPower's own installation documentation calls **PVS5 LAN2** → **router Ethernet** the recommended Internet connection. (manualzz.com)

That would give you:

PVS5 → Ethernet → Google Fiber LAN/switch

rather than:

PVS5 → 2.4 GHz Wi-Fi → Google Fiber

And it makes your planned:

PVS5 → Docker/monitor → Tailscale

much simpler.

If you want, I can walk you through changing the PVS5 Wi-Fi using its existing 192.168.1.124 interface first, without opening the PVS5 enclosure. That may be easier given the access you've already established.