# SREDKEY2 Demo Cert failed and firmware update

**Step 1:** Connect the SREDKEY2 Demo which shows "Cert Failed" to the PC

**Step 2:** Unzip this file and execute

| | |
|---|---|
| 📰 Cert_Update_Utility ← | 9/2/2022 12:49 PM |
| Cert_Update_Utility.exe.config | 9/2/2022 12:08 PM |
| Cert_Update_Utility.pdb | 9/2/2022 12:49 PM |
| FW_DEMO_SREDKEY2_1.02.003.0472 | 9/19/2022 3:04 PM |
| IDTechSDK.dll | 9/2/2022 11:54 AM |
| IDTechSDK.pdb | 9/2/2022 11:54 AM |
| Newtonsoft.Json.dll | 3/17/2021 1:03 PM |
| NLog.dll | 12/5/2021 3:42 PM |
| SREDKey2_HID | 9/19/2022 3:05 PM |
| SREDKey2_KB | 9/19/2022 3:06 PM |

**You should see this, please wait for 5-6 minutes.**

Certificate Update Utility

****** IDTech Certificate Update Utility ******

This utility will auto-update certs when a supported device is connected.

SREDKey2:028R018885  Updating Certificates Attempt #1
SREDKey2:028R018885  Certificates Successfully Updated
SREDKey2:028R018885  Preparing for firmware update...

**Step 3:** You will see the update completely message at the end.

Certificate Update Utility

```
SREDKey2:020R012834  Main Firmware: Sent block 699 of 721
SREDKey2:020R012834  Main Firmware: Sent block 700 of 721
SREDKey2:020R012834  Main Firmware: Sent block 701 of 721
SREDKey2:020R012834  Main Firmware: Sent block 702 of 721
SREDKey2:020R012834  Main Firmware: Sent block 703 of 721
SREDKey2:020R012834  Main Firmware: Sent block 704 of 721
SREDKey2:020R012834  Main Firmware: Sent block 705 of 721
SREDKey2:020R012834  Main Firmware: Sent block 706 of 721
SREDKey2:020R012834  Main Firmware: Sent block 707 of 721
SREDKey2:020R012834  Main Firmware: Sent block 708 of 721
SREDKey2:020R012834  Main Firmware: Sent block 709 of 721
SREDKey2:020R012834  Main Firmware: Sent block 710 of 721
SREDKey2:020R012834  Main Firmware: Sent block 711 of 721
SREDKey2:020R012834  Main Firmware: Sent block 712 of 721
SREDKey2:020R012834  Main Firmware: Sent block 713 of 721
SREDKey2:020R012834  Main Firmware: Sent block 714 of 721
SREDKey2:020R012834  Main Firmware: Sent block 715 of 721
SREDKey2:020R012834  Main Firmware: Sent block 716 of 721
SREDKey2:020R012834  Main Firmware: Sent block 718 of 721
SREDKey2:020R012834  Main Firmware: Sent block 717 of 721
SREDKey2:020R012834  Main Firmware: Sent block 719 of 721
SREDKey2:020R012834  Main Firmware: Sent block 720 of 721
SREDKey2:020R012834  Main Firmware: Sent block 721 of 721
SREDKey2:020R012834  Applying Firmware Update....
SREDKey2:020R012834  Firmware Update Successful
SREDKey2:020R012834  K81 Loaded Successfully. v1.02.003.0472.T
SREDKey2:020R012834  SREDKey2 Firmware Update Completed Successfully.
SREDKey2:020R012834  Update From Archive Completed Successfully
```