

## **Step 1: Remove the Energizer DUO/USB Charger software**

Removing the Energizer DUO/ USB Charger software will also remove the registry value that causes the backdoor to execute automatically when Windows starts. The `Arucer.dll` file will remain in the system32 directory, but the mechanisms for executing the code in the DLL will not be present. That means that the potential vulnerability has been deleted from your PC.

### Windows XP

1. Remove EZ Charger device from the PC
2. Open the Control Panel
3. Open Add or Remove Programs
4. Click on Energizer UsbCharger
5. Click the Remove button
6. Once removed, reboot the PC

### Windows Vista/7

1. Remove EZ Charger device from the PC
2. Open the Control Panel
3. Open Programs and Features
4. Click on Energizer UsbCharger
5. Click the Uninstall button at the top of the screen
6. Once removed, reboot the PC

## **Step 2: Remove the Arucer.dll file**

The backdoor component of the Energizer Duo/ USB Charger software can be removed by deleting the `Arucer.dll` file from the Windows system32 directory. Because the backdoor hosted by `rundll32.exe` continues to run after the software has been uninstalled, the Windows may need to be restarted before this file can be removed.

### Windows XP

1. Open Windows Explorer under Start - Programs – Accessories
2. Browse to the C drive and open the Windows folder
3. Open the System 32 folder
4. Delete the `Arucer.dll` file
5. Reboot the PC

## Energizer Duo/ USB Charger Vulnerability Solution Instructions

### Windows Vista/7

1. Open Windows Explorer under Start (Windows button) – All Programs – Accessories
2. Browse to the C drive and open the Windows folder
3. Open the System 32 folder
4. Delete the Arucer.dll file
5. Reboot the PC