**Provisioning Jig v3 Documentation**

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**Host Machine Details**:   
Raspberry Pi 3B+ with Raspberry Pi OS 64-bit, with 16GB SD Card, SSH and VNC enabled

Username: ProvisioningJig  
Password: ProvisioningJig  
Hostname: raspberrypi

**System Functions:**

* Auto login and run provisioning script on startup
* Automatically detect which device is plugged in, and the version
* Flash the device via SWD, with its specific binary file
* Upgrade the STLink to a recent usable version, this step needed to be done with the STSW-LINK007 software package, but has been eliminated details found in the project report

**System Routine:**

**For updates / reproduction:**

* main script is located at /Desktop/ProvisioningJig\_Code/newMain.py
* binary file selection can be done from the telnet\_commands.py file
* use Win32DiskImager to create an .img of the ProvisioningJig’s SD Card, and then PiShrink to compress it (optional, but saves a few GB and time)
* use Win32DiskImager to flash the desired .img file to an SD Card
* assemble the Jig according to the assembly guide