



# **Android driver Application**

## **AU9540/AU9520**

### **USB Smart Card Reader Controller**



## 1. Introduction

This document addresses the features of AU9540/AU9520 Android driver installation Step

Note: init.rc locate at [out/target/product/generic/root](#)

## 2. Re-build android image.

- (1). In init.rc of the RFS add the following command to mount your USBFS.

```
mount usbfs none /proc/bus/usb -o devmode=0666
```

- (2). Add the follow command to add a folder.

```
mkdir /data/pcsc 01777 root root
```

Add both command line below “on boot” event.

```
# double check the perms, in case lost+found already exists, and set owner
chown root root /data/lost+found
chmod 0770 /data/lost+found
chown root root /cache/lost+found
chmod 0770 /cache/lost+found
```

```
on boot
# USB AU9540 mount
mount usbfs none /proc/bus/usb -o devmode=0666
mkdir /data/pcsc 01777 root root
# basic network init
ifup lo
ifup wlan0
hostname localhost
domainname localdomain

# set RLIMIT_NICE to allow priorities from 19 to -20
setrlimit 13 40 40
```

## 3. Install driver and test tool.

- (1). pcscd.apk→PC/SC driver. Install to android then reboot the system.
- (2). Pcsctest.apk→PC/SC test tool.
- (3). Execute pcsctest tool.
- (4). Insert smart card into reader.
- (5). Press “Test” button start test.