

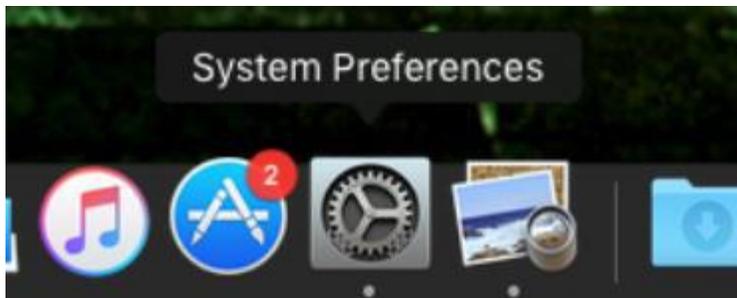


## Scanner Setup Guide – MacOS ml:Deal

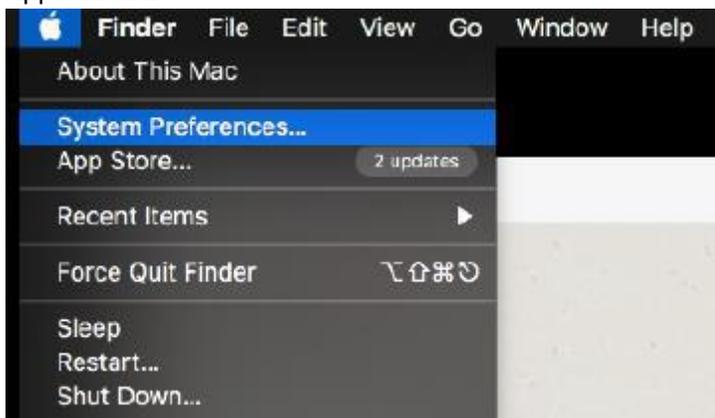
*(Screenshots from OS X El Capitan 10.11.6)*

### Getting Started

1. Connect the ml:Deal scanner to the Mac via USB
2. Go to System Settings -> Network and ensure that a connection to the ml:Deal is listed.
  - a. System Settings can be found on either the dock or the Apple menu.
    - i. Dock:



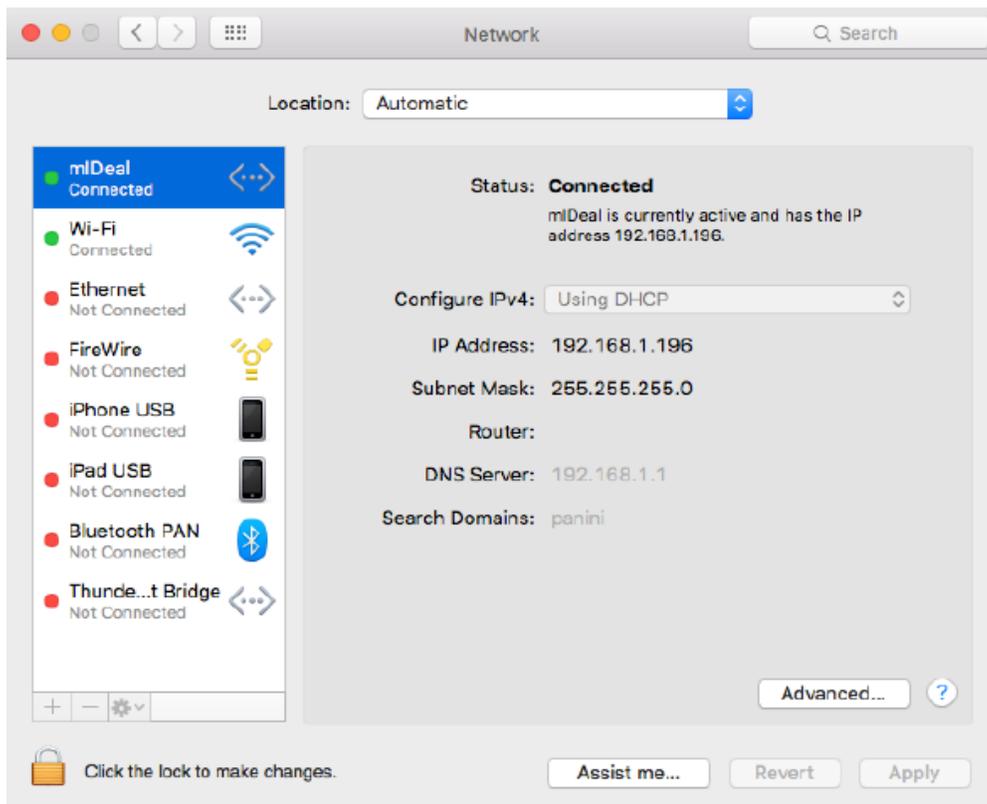
- ii. Apple menu:



b. Go to Network



c. Look for a ml:Deal entry



- d. Ensure the ml:Deal is selected and make a note of the DNS Server listed on this screen. You will use this IP address to access the configuration page in the next step.
3. Open a browser and go to the IP address from the previous step.
4. The ml:Deal configuration page should load.



This ml:Deal configuration page will allow you to change the scanner access configuration, update the scanner firmware, check the status of the device and see item capture counts and statistics, access basic information about the device through the 'help' section, review the scan configuration, and perform a test capture from the 'start scan' button.

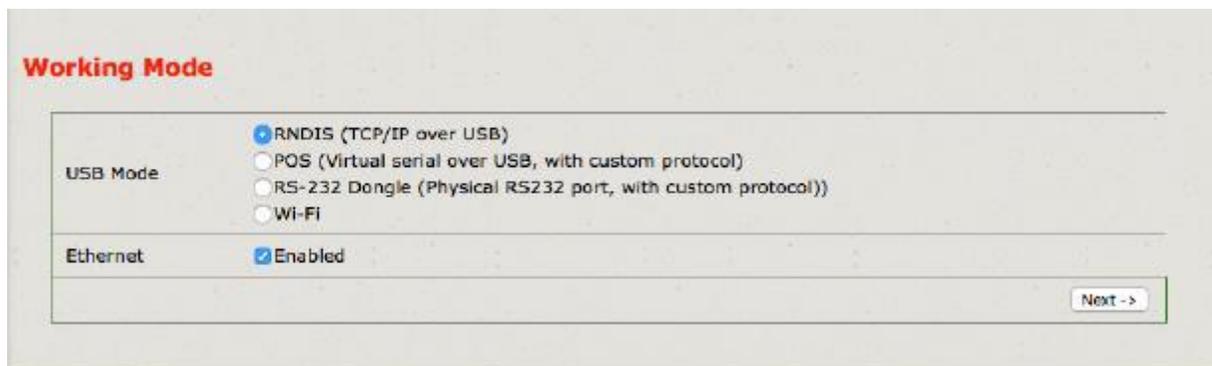
- a. If this page does not load, it is likely that there is a conflict with the default IP address that is assigned to the scanner. If this is the case, the client will need to temporarily disconnect their computer from the network/internet in order to properly load this page and complete the following steps. Have them disconnect the computer and try to reload the page (They can reconnect the computer once the following steps are completed).
5. From the left-hand menu, click on the Configuration link.



6. The Configuration link will display the mI:Deal Check Scanner Configuration page, which has links to additional configuration options.



7. Click on Connection Parameters Setup. This link allows configuration of the current access type 'Working mode' for the mI:Deal.



- a. If the scanner will be used via the USB connection, the 'RNDIS (TCP/IP over USB)' setting should be used. This should be the default setting.

OR:

- b. If the scanner will be accessed via Wi-Fi (and the Wi-Fi dongle is connected to the device), the Wi-Fi setting should be selected here. Click next to continue.

8. The Connection Parameters options are displayed (for the USB mode selected on the prior screen).

**PANINI**

**Connection Parameters (RNDIS + Ethernet mode)**

**RNDIS Mode**

IP Address: 192.168.1.1  
 Subnet Mask: 255.255.255.0  
 Default Gateway:   
 DNS Server 1:   
 DNS Server 2:   
 Manufacturer Name: Panini  
 Product Name: mideal

On-board DHCP Server  
 Pool Start Address: 192.168.1.100  
 Pool End Address: 192.168.1.200  
 Lease Time [h]: 24

**Ethernet**

Addressing Mode:  DHCP  Fixed  
 IP Address: 192.168.43.5  
 Subnet Mask: 255.255.255.0  
 Default Gateway:   
 DNS Server 1:   
 DNS Server 2:

On-board DHCP Server

**Name Resolution**

Device Name: mideal-%sn%  
 **DNS** Domain Name: panini  
 **NetBios** Workgroup Name: PANINI  
 **mDNS**

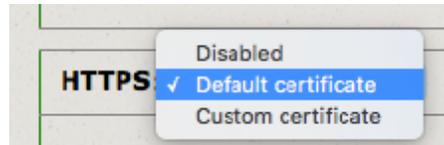
**HTTPS:** Default certificate

Device Name: mideal  
[Root CA Certificate Download \(PEM Format\)](#)  
[Root CA Certificate Download \(X509 DER Format\)](#)

Set Configuration

- a. For a 'basic' setup, there should generally be no changes needed to the default settings.
- b. Depending on your network configuration, one or more changes may be appropriate. In the event of a possible IP conflict, the default value of 192.168.1.XXX should be adjusted to eliminate the conflict. Modify this value to 192.168.2.XXX

- c. Note: You will need to also modify the Pool Start Address and Pool End Address to reflect this new IP range. This can be done by simple changing the third octet from .1 to .2 but leaving the fourth octet alone.
  - d. Refer to Panini's documentation for more comprehensive information on other settings.
9. At the bottom of the Connection Parameters page, under the HTTPS section, we need to make sure that HTTPS is set for 'Default Certificate' from the drop-down.

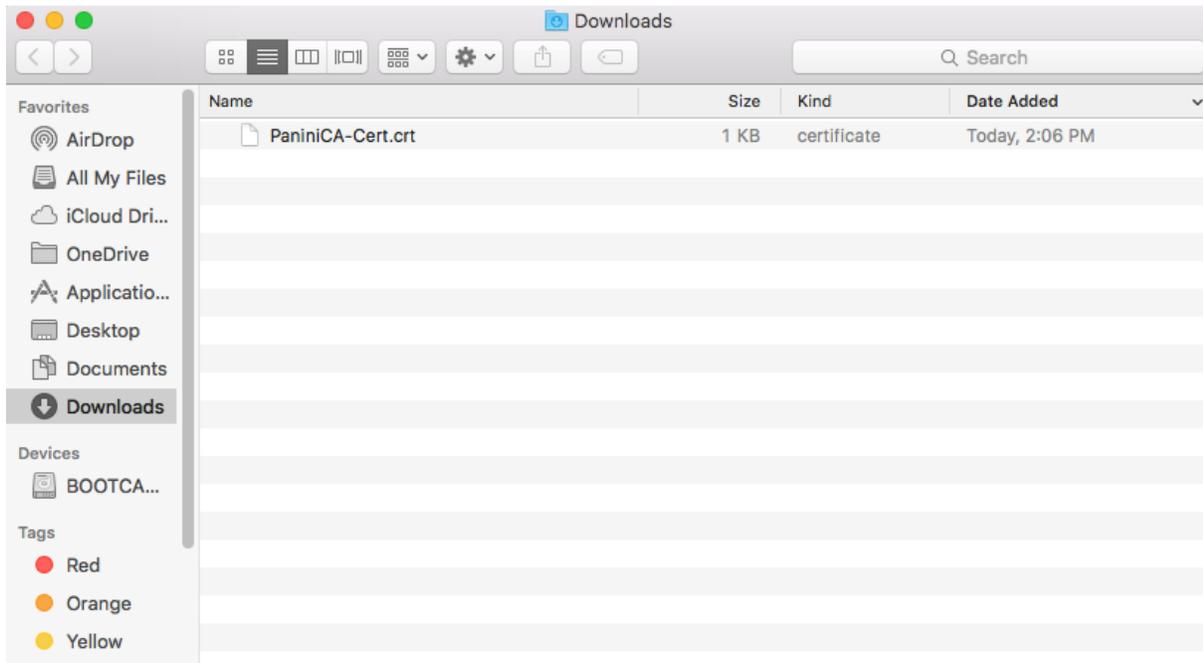


Once *Default Certificate* has been selected, make sure the Device Name is populated with something (default should be *mideal*) and then click the link to download the HTTPS certificate for the device - this certificate is generated by the device. We have been using the *Root CA Certificate Download (X509 DER Format)* link.

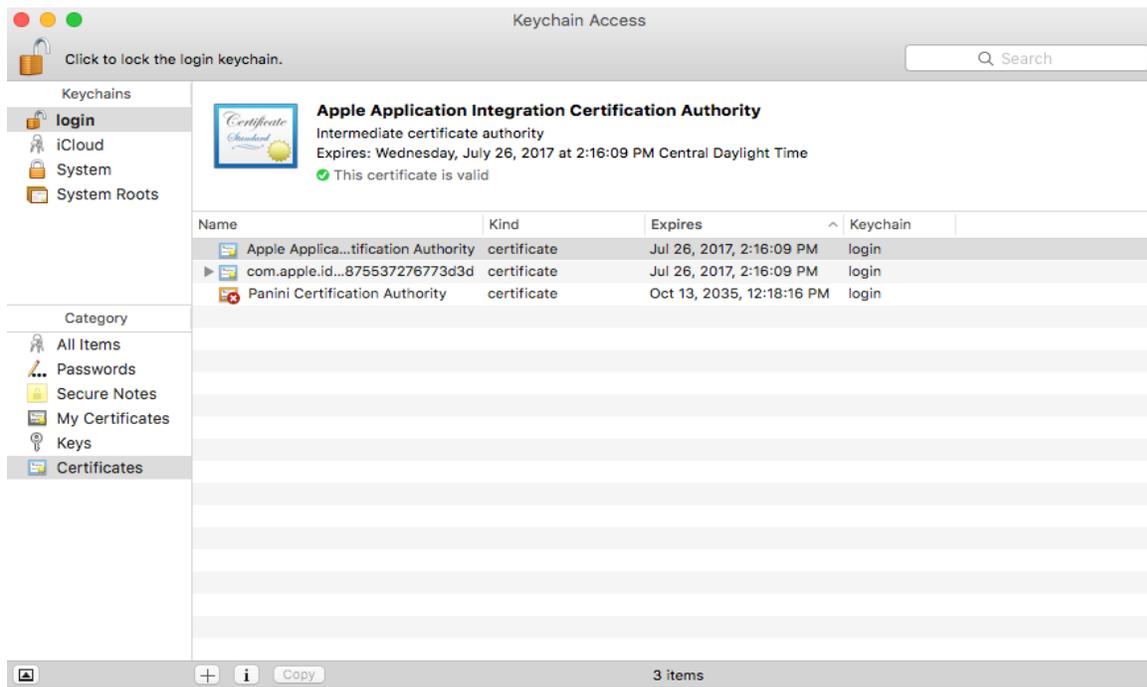


10. Clicking on the link will download the certificate to the default download location on the Mac and will show in the dock that the file has been downloaded. The certificate is accessible either from the shortcut in the dock or from the downloads folder (Finder -> Go -> Downloads).



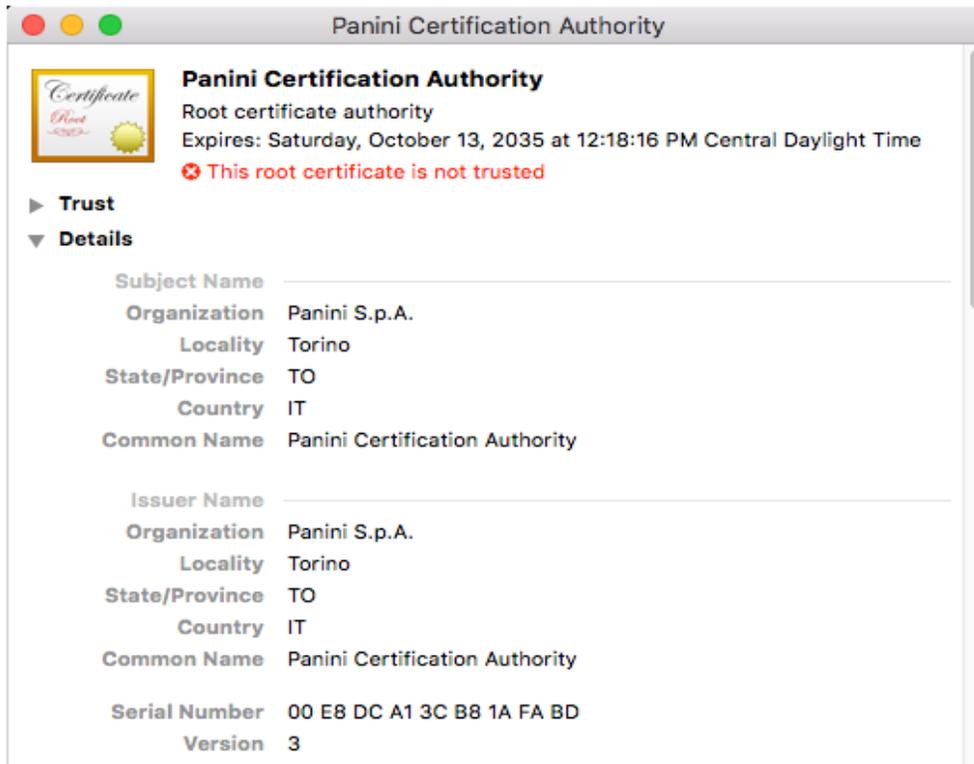


- Click on the certificate to open keychain access. The certificate will be displayed under the certificates category.

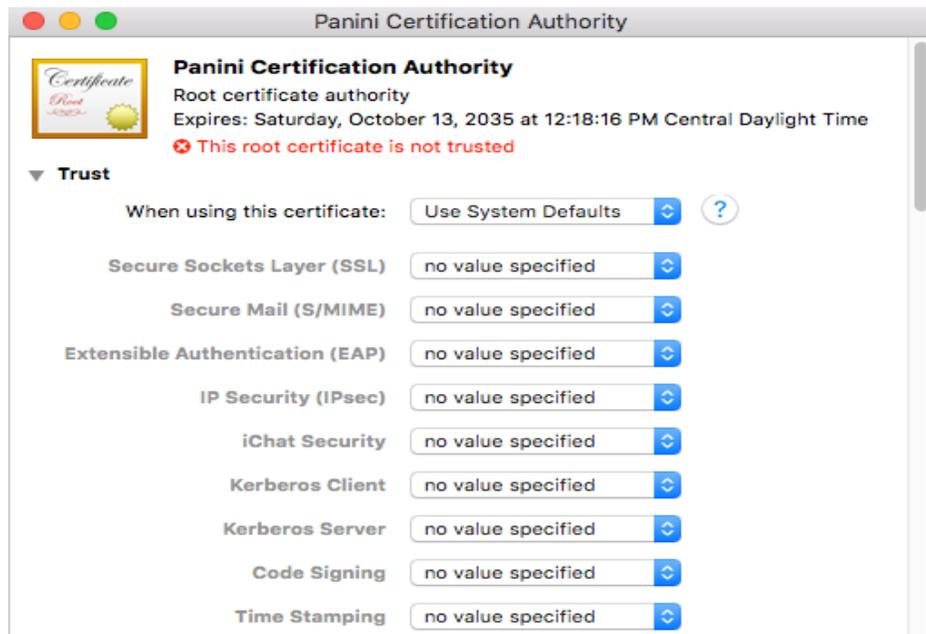


- Right-Click on the Panini Certification Authority certificate, select 'Get Info'

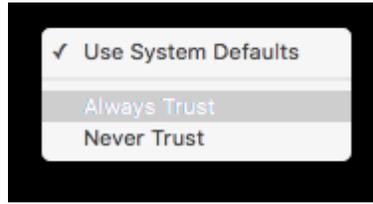
13. The Certificate info window appears.



a. Click the drop-down arrow next to 'Trust.'



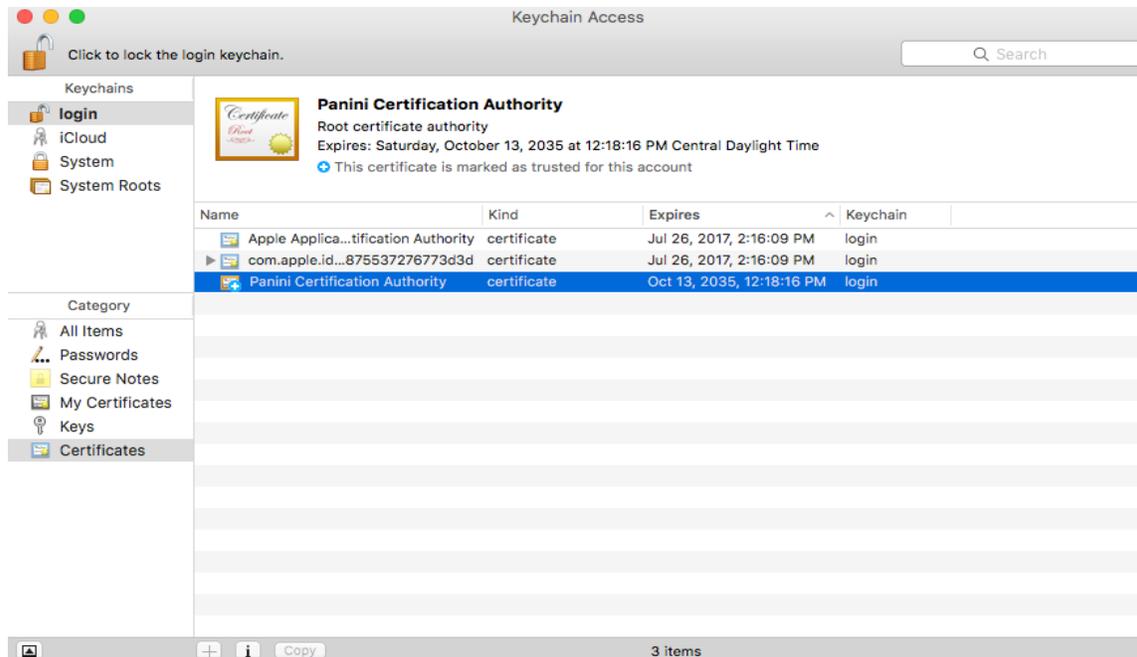
- b. For the 'When Using this Certificate' option, select 'Always Trust' from the drop-down, and then close the window.



- 14. A prompt may appear asking for the user's password in order to allow the change to the certificate trust settings - if so, enter the requested credentials and hit 'update settings'.



- 15. The certificate should now show in the keychain as being marked as trusted for the current user.



16. Once the client has successfully completed these steps, power cycle the scanner.
  - a. If you had to disconnect from the network during step 3-b, reconnect the computer to the network at this time.
  
17. Log into Prosperity Bank Remote Deposit Capture and test.

### Need Assistance?

Please contact Prosperity Bank's Remote Deposit team at (281)269-7165 or email [remote.capture@prosperitybankusa.com](mailto:remote.capture@prosperitybankusa.com).