**Demo Mode Sequence**

This preliminary document shows the new screens for "Demo Mode"

**Enabling Demo Mode**

Add the following to /etc/micronets/config/config.json and restart the application

"demo": true,

**Startup Sequence**

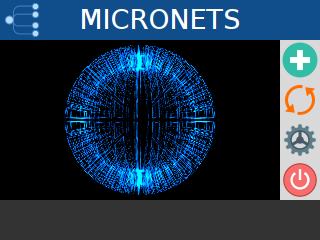
When rebooting the Pi or restarting the python application, a splash animation appears for a maximum of 10 seconds (configurable). The reasons for the splash screen are twofold:

* If an ethernet cable is connected, the IP address of that network adaptor is displayed in the footer. This is to make it easy for developers to ssh into the device.
* If the Pi has been provisioned onto a wifi network, this gives the Pi time to connect.

If the connects to an SSID, the splash animation will terminate at that time, unless there is an ethernet cable connected, in which case the splash will remain until 5 seconds has elapsed, such that the ethernet IP address can be observed.

**Note:** During the splash animation, you can end the animation by tapping any of the 4 buttons:

* onboard
* cycle wifi
* settings
* power/restart

  
**Figure 1:** Splash Animation without ethernet

A picture containing monitor

Description automatically generated  
**Figure 2:** Splash Animation with ethernet

**Status Screen**

At the end of the splash animation and at the end of an onboard operation, the display will reflect one of three states:

* The wifi adaptor has not been provisioned
* The wifi adaptor has been provisioned but failed to associate with the SSID
* The wifi adaptor has associated with the SSID and has acquired an IP address
* The wifi adaptor has associated with the SSID but was unable to acquire an IP address

A screenshot of a cell phone

Description automatically generated  
**Figure 3:** Status Screen - Not Provisioned

A screenshot of a cell phone

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**Figure 4:** Status Screen - Not Connected

A screenshot of a cell phone

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**Figure 5:** Status Screen - Connected, no IP address

A screenshot of a cell phone

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**Figure 6:** Status Screen - Connected with IP address

**Onboard Sequence**

Clicking the PLUS icon begins the onboarding sequence. A QR Code is displayed on the screen. Once the QR Code is scanned using the mobile configurator UI (Or tapped as a bypass operation), the DPP negotiation begins.

**Note:** The onboard sequence can be canceled by tapping the countdown field

**If the DPP onboarding is successful:**

* the countdown is canceled immediately
* the QR Code is erased
* a fireworks animation appears for 5 seconds
* the status screen appears with a success status: (Figure 6).

**If the DPP onboarding fails:**

* the countdown reaches zero
* the QR Code is erased
* the status screen appears with a failed status:
  + Not provisioned (Figure 3)
  + Not associated (Figure 4)
  + Connected, but no IP address (Figure 5)

A close up of a logo

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**Figure 7:** Onboard Screen - QR Code displayed

A close up of a sign

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**Figure 8:** Onboard Success - Fireworks animation displayed

**Note:** During the fireworks animation, you can end the animation by tapping any of the 4 buttons:

* onboard
* cycle wifi
* settings
* power/restart