ML5 WiFi Capabilities (Separate section inside the manual just for WiFi.

The ML5 controller offers connectivity thru WiFi 802.11 b/g/n. When the device is connected to the WiFi the user can connect to the ML5 controller via the Data-Connect program. Additionally the user can connect to the ML5 controller through your devices browser by accessing a webpage that resides on the ML5 controller.

There are two types of operating systems that can connect to the ML5 controller, IOS and Android. IOS systems require you to enter the password in your systems setting and enter the password a second time when logging into the Data-Connect program or resident webpage. The Android system only requires you to log into the devices WiFi settings.

The ML5 WiFi can be accessed through the Alt menu on the keypad. Select Alt and arrow through the display until 'net' is displayed, select ENTER key. Scroll through the menu until " EnbL" is displayed in the left display. On the right display the user can scroll up or down and select "On" to enable WiFi or "OFF" to disable.

Steps to log into the controller network.

Start the refrigeration system.
Turn on your wireless device, tablet, cellphone, etc.
1) From your home screen, tap the Apps located at the upper-right of your tablet screen.
2) Tap on the Settings icon. ...
3) Tap on the Wireless and networks section, tap on Wi-Fi settings.
4) Tap on Wi-Fi: Turn on Wi-Fi.
5) Locate your wireless network by locating the Container ID in the available networks (SSID).
6) You'll be prompted by your device at this point to enter the password.

To see the password access the controller keypad.

1) Press "Alt Mode"
2) use the down arrow to get "nEt" to show on the display.
3) Press "ENTER"
4) use the down arrow to get "PASSW EntR" to show on the display.
5) Press "ENTER"
6) wifi password translation…

Notes about the password:

☐ WiFi password resets every 4 hour (hours 2,5,8,11 based on system clock)
☐ Password is good for the customers fleet (assuming all clock are set properly)

□ If communicating at the password change time boundary, the session can run for an addition 4 hours without changing the password.

Data-Connect (internal app)………

- Add instruction to connect app to controller

Connecting with device browser……..

- Add instruction to open browser and open webpage

Controller Function Code:

WiFi User Interface:

1.1 Wireless menu in ALT. Mode

Below are the necessary (limited set of) parameters that are needed for wireless configuration and status checks, accessible via the 7-seg LCD display.

More comprehensive wireless configuration and status are available via the embedded http portal.

All the below parameters are available in ALT. Mode under the "nEt" menu.

Need to determine how to explain many of these options to the user

TYPE	Display, Select
FUNCTION	WIRELESS ACCESS
MAIN MENU	Wireless Enable/ Disable, WiFi Role, WiFi Access Point Status, WiFi Client Status (WiFi Role = Station), Token (Derived Key), WiFi Password
DEFAULT	Wireless Enable/ Disable
MAIN MENU DISPLAY	For Wireless Enable/ Disable: Left Display: " EnbL", Right Display: " on", " OFF"
	For WiFi Role: Left Display: " roLE", Right Display: " AP", " STA", " dUAL"
	For WiFi Access Point Status: Left Display: "APStA", Right Display: " OFF", " InIt", " IdLE", " Err", " Conn"
	For WiFi Client Status: Left Display: " CStA", Right Display: " OFF", " Conn", " InIt", "IPCHk", " IdLE", " SrCH", " Err"
	For Token (Derived Key): Left Display: " toK", Right Display: " EntR"
	When Enter is pressed: Left Display: <blank>, Right Display: 4 digit numeric text (Phase 1), " COnF"

	For WiFi Password: Left Display: "PASSW", Right Display: " EntR"
	When Enter is pressed: Left Display: 4 digit alpha Right Display: 4 digit alpha numeric text, numeric text, "-----"
SUBMENU DEFAULT	For Wireless Enable/ Disable: " on"
	For WiFi Role: " AP"
	For WiFi Access Point Status: " OFF"
	For WiFi Client Status: " OFF"
	For Token (Derived Key): " EntR"
	For WiFi Password: " EntR"
DESCRIPTION	For Wireless Enable/ Disable: This function code is used to enable or disable Wireless.

Product name: Micro-Link 5 Controller
Model name: ML5
FCC ID: 2AK6N-MICROLINK5
ISED ID: 703A-MICROLINK5

FCC statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Important Note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Caution: Exposure to Radio Frequency Radiation. To comply with FCC/IC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED statement
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.