



NMC Air v3 Step-by-Step Guide

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NMC Setup

1. **Power off** the NMC
2. Install **communication card** in controller
3. **Connect** the NMC communication card to the Air gateway with a shielded cable
 - a. For RS485, you need two conductors and a shield
 - i. NMC Lower A to Air 485 A
 - ii. NMC Lower B to Air 485 B
 - iii. Cable shield to NMC ground plate/bar (not GND terminal)
4. **Program** the NMC to communicate with the Air Gateway
 - a. **Power on** the NMC
 - b. Go to **NMC Menu 6.2** (Setup > System Setup)
 - c. Scroll down to **Lower Port Protocol (Port-Protocol** for NMC Jr Pro)
 - d. Press **ENTER** and choose **NMC RCC**
 - e. Scroll down to **Lower Port Baud Rate (Baud Rate** for NMC Jr Pro)
 - f. Press **ENTER** and choose **38400**
5. **Record** Air gateway serial number for new account creation

Cell Modem (Optional)

1. Customer **activates service** with cellular provider
 - a. Customer will need the **IMEI number** from the modem
 - b. Customer will need a **Sim Card** from the cellular provider
2. **Insert SIM** card into SIM slot 1
3. **Power on** the cellular modem
 - a. The first time the modem is powered up with an activated SIM card, it may take several minutes to register on the cellular network.
 - b. **SERVICE** light should be **SOLID GREEN**
 - c. **WWAN** light should be **BLINKING GREEN**

NMC Air Setup

Dealers can create accounts for their customers, if you are a dealer and need an account on NMC Air, please send an email request to us-cmt@netafim.com

1. **Connect** NMC Air gateway to Cell Modem or local network via Ethernet port (RJ45)
 - a. Local network connection must provide IP Address via DHCP
2. **Power on** NMC Air gateway
 - a. Checkmark light should be SOLID RED
 - b. Globe light should be SOLID RED
 - i. If not, verify Internet connection is working, do not continue until this step is done
 - c. Network light should be BLINKING RED
3. Open a **web browser** (preferably Google Chrome or Firefox) and browse to <http://air.netafim.com>
4. **Sign in** with your Dealer account
5. Click the **Gear icon** in the top left
6. Click **User Management**
7. Click the **New User** icon (person with + next to it)
 - a. **Full name** must be two words
 - b. **Username** must be at least 6 characters (please use lowercase)
 - c. **Password**

- d. **Email Address** (can use SMS number for text alerts, e.g. 5551234567@vtext.com)
 - e. **User Type** should be User
 - i. Top User allows user to create additional accounts, not recommended.
 - f. **Language:** English US
 - g. **Time zone**
 - h. Click **Next**
 - i. Check allowed **Farms**
 - i. To create a new Farm, click the + icon left of the Farm Name column
 - ii. Max 15 characters, no spaces, use _ as a space if needed
 - j. Highlight desired default farm and click **Default Farm**
 - k. Click **Next**
 - l. Click **Done** click **OK** to save
8. **Select Farm** from dropdown list
9. Click + **icon** to add a new NMC Air Gateway to the selected Farm
- a. Enter Gateway **name** and **SN**
 - i. If you get a “No Gateway found” error, make sure the gateway is connected to the internet, the Globe LED should be solid on the NMC Air Gateway.
 - 1. If you just connected the gateway to the Internet, wait 10 minutes and try again.
 - ii. If you get a “Can’t get Controller(s) from Gateway” error, make sure the wire connections between the gateway and controller(s) is correct (A to A, B to B, shield to a ground bar on the NMC controller)
 - b. Click **Press to Get Topology**
 - i. Process can take several minutes
 - c. At Success checkmark click **Next**
10. **Login** with newly created credentials and test operation (start a program or pause the controller)