

M1044-RFN - RFN Programming Startup



NOTE: Before you use this instruction, make sure you have the latest revision. Check the revision level of this document against the most current revision found at http://www.opwglobal.com/opw-fms/tech-support/manuals-how-to-videos . Download the latest revision if necessary.

An instructional video, "AVI - Programming the RFN," is available on the <u>OPW Global channel</u> on YouTube. Scan the QR code below or use the link to open the video in a browser.



https://www.youtube.com/watch?v=U6cvhWNeqpE

To do this procedure you must have:

- Tag Writer software
- Issuing Unit
- RFN to be configured

Open the Tag Writer software and make sure that your Issuing Unit is connected to the correct Com Port that shows on the Main Screen.

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Exit	Detect	Read Tag	Write Tag	New Tag	About RFN Setup Diagnostic
Tag Function		A - Vehic	le Tag	^	
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Мас					
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Current Odo		0			SC 0 V
Engine Currer	nt Hrs	0			
Engine Pulse,	/Hr	0			

1. Select **RFN Setup** from the Tag Writer Main Screen. The **RFN Unit Configuration** screen will come into view.





Unit # Serial #	Modify R	F Unit Num	ber	-				
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RFN LED Control:	<u>ت</u> ــــــــــــــــــــــــــــــــــــ	Oet						
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Passive tag serial:								
Passive tag serial: RFN serial: Battery voltage:		Get						
Passive tag serial:		Get Get	Reset					
Passive tag serial:		Get Get	Reset		Click the "S	ave _Exit	"button to wri	te the

- 2. Select the **Scan** button. Wait for the serial numbers to show in the list (in the top left of the screen).
- 3. Select the applicable Serial Number from the list.
- 4. In the Modify RF Unit Number panel type the correct Unit Number into the Change to field.
- 5. Click the **Change** button. The Unit Number adjacent to the applicable Serial Number in the list will change.
- 6. Click **Exit** to complete the procedure. You can now program the RFN numbers in the Fuel Site Controller.





ARTWare[™] AVI Configuration

For more information on ARTWare, refer to the M3034 ARTWare Fuel Control Software Reference Guide.

Open the ARTWare FSC Configuration Utility.

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City:	Hodgkins	State: IL		Data Rite: 38400	<u> </u>	
Zip Code:	60525			Data Das. /	<u> </u>	
Phone:	(708)485-4200			Stop Rite:	<u> </u>	Printer/USB
FSC3000 Informatio	n			Stop bits. [1	1	Tanks
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Additional Options -		2				Direct Pump Control
Non Intervention:	None 👻	Enter Odome	ter at FIT			Read
Display Type:	None Fleet Link AVI		Language			

- 1. On the "ARTWare" Home Screen, select the **site** to be configured from the list in the top panel.
- 2. In the Additional Options panel, select AVI from the Non Intervention dropdown.
- 3. Click Save.
- 4. Select the Pump Control tab.

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2	Yes	PCM	No	0				
4	No	PCM	No	(5)				
5	Yes	PCM	No					
6	Yes	K800	No					
8	No	PCM	No		(6)			
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- 5. In the *Pump Controllers* tab select the applicable **Pump Controller** to be used from the list in the top panel
- 6. Select the **Pumps** tab.



- 7. On the Pumps tab, click the **Advanced** button in the *AVI* panel (in the bottom left of the screen). The "RFN Setup" screen will come into view.
- 8. Select the applicable **RFN#** to be configured from the list panel.
- 9. Enter the Serial Number of the applicable RFN in the RFN Serial Number field.
- 10. Check the Pause/Resume box if the Pause/Resume option will be used. This option lets the user stop fuel dispensing for a specified time and not close the sale.
- 11. Enter the applicable (user preference) **interval** (in seconds) for the Pause/Resume option in the *Inactivity Timeout* field. The default value is three (3) seconds to a maximum of 999 seconds.



NOTE: Do steps 8 thru 11 again to configure additional RFNs.

- 12. When all applicable RFNs have been configured, click Save.
- 13. Click **OK** to close the *RFN Setup* screen.





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- 14. Back on the *Pumps* tab, Select the applicable **Position number** (Pump) to set up an RFN.
- 15. In the *Hoses* panel, select the applicable **RFN number** from the *RFN*# drop-down(s) to be used for each of the product types that have been defined. All configured RFN numbers will be shown in the drop-down list.
- 16. Click the **Save** button to complete the RFN configuration in ARTWare.





LED Configuration

Log in to InSite and do the steps in the procedure that follows.



1. Select the **RFN** button on the ribbon on the left side of the screen.

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2. Select the **Edit** button for the applicable *RFN number* (the icon will change to a red Edit button when clicked and the screen that follows will come into view).

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- 3. Make sure that **ON** is selected in the dropdown for each of these fields:
 - a. LED Control Reset
 - b. LED POWER UP STATE
 - c. Battery Change Control
 - d. Status
- 4. Click the **UPDATE** button.

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5. The two messages above will show (No Restart Required, Updated data successfully).



NOTE: A question mark (?) in a field shows that the software has not completed a query of that parameter. This is normal.

