### Replacing a QX Tool on an MTC controller

To replace a tool on an MTC controller the following steps should be followed.

# 1. To Unpair the tool, go to Wireless Tools and select the Tool Settings icon (Gear)

Wireless Tools	
Radio Settings	$(\mathfrak{I})$
LAN Settings	$(\operatorname{\mathfrak{S}})$
1. XXXXX00000	i i i i i i i i i i i i i i i i i i i
Available Tools (5)	Pair 💽

#### 2. Select the UnPair button.

← Tool Settings	6
XXXX00000	$\bigcirc$
Apply Tool Settings	Available files 🗸 🗸
MAC Address	00:00:02:31:23:84:66
Enable IP Aliasing	•
Please make sure all protocols	s have unique port numbers
Alias IP Address	000.000.100
Tool IP not r Tool IP and Controller IP st	reachable. hould be in same subnet
Job Selection	Internal-Controller
Boot Job	•
Persist IO State on Disconnect	•
Model Number	QXXD2PT012EQ0
Serial Number	XXXXX0000
Display Version	120.4.2.5 🤅
MCE Version	3.6.1.47 🤃
Radio Version	0.0.0.
	UnPair 💿 💿

# 3. You will get a warning Pop Up.

	() Warning		
XXXXX00000	Proceed without tool backup?		$\bigotimes$
	Yes	Available files	-
		00:00:00:02:31:23:84:66	
			•
	Please make sure all protoco	els have unique port numbers	
		000.000.000.100	
	Tool IP not Tool IP and Controller IP	reachable. should be in same subnet	
		Internal-Controller	<b>~</b>
			•
			•
MCE Version			
			UnPair (w)

- 4. To Backup the tool settings, select No.
- 5. You will get a Pop Up warning about the Fieldbus settings being reset. Select Yes.

			(←) Tool Sett	ings		
0			_	Warning		
				Uppairing of the tool results in resetting Fieldhus	same subnet	
			Job Selection	settings as well as controller Re-boot. Do you want to	l-Controller	
				continue?		
				Yes No		
B	Tool General Setting		Persist IO Sta	te on Disconnect		
			N. 1.1.N. 1			
		<b></b>	Model Numbe		QXWD2PT0	I2PQ04

6. You will get a 'Loading Please Wait' message.

		Tool Sett	ings		
			Loading		
<b>W</b>				same subnet	
		Job Selection	Please Wait	 I-Controller	
					-
		DOOL JOD			
Ÿ.		Persist IO Sta	te on Disconnect		•
$\mathbf{\Omega}$					
	Diagnostics	Model Numbe			QXWD2PT012PQ04

7. Once complete you will be able to Pair a new tool and restore the tool settings.

	Home				 	 	_
	Job		Wireless Tools				
G	Pset		Radio Settings				$\overline{\mathbf{O}}$
	Wireless Tools						0
	Accessories		LAN Settings				( )
C	Result	•	Available Tools (1)			Pair	
aî,	Settings	•					
	Tool General Setting						
6	Logs	•					
	Diagnostics	•					
2	System Maintenance	•					
•	User Management						
	About						
				(c) 2022 INGERSOLL RAND / A			

- 8. Put the tool into Pairing mode.
- 9. Click on the Pair button on the controller.
- 10. You will see the Pairing message.

	Home				
		Wireless Tool	Pairing		
		Radio Setting	Pairing is in progress, please do	not navigate or refresh.	$( \Rightarrow )$
		LAN Settings	0/1 ري	Ō 00:00	$( \rightarrow)$
				Close	
				Close	
9	Tool General Setting				
0					
•	Diagnostics				
2					
•	User Management				

11. Once the Pairing is complete select the Tool Settings icon (Gear).

Wireless Tools	
Radio Settings	(  a)
LAN Settings	$\overline{\ominus}$
1. SP21J24503	
Available Tools (5)	Pair 💽

12. For Apply Tool Settings, pick the desired file.

← Tool Settings	<b>a</b>
SP21J24503	$\bigotimes$
Apply Tool Settings	Available files
MAC Address	Available files
Enable IP Aliasing	
Please make sure all protocol	s have unique port numbers
Alias IP Address	000.000.100

13. Select the Save icon. You may see the following message. Select Yes.



#### 14. You will get the message shown below.

(c) Tool Settings	Updating Tool Settings	
SP21J24503		
	C SP21J24503.Dak	Available files
		00:00:00:02:31:23:85:28

15. Once complete you will see the following message. Select Close.

Tool settings updated	
100%	
SP21J24503.bak	
Close	Ava
	00:

- 16. The tools settings are now present on the new tool.
- 17. To restore the Fieldbus settings go to the Fieldbus setup screen. Select the Fieldbus Type and the Copy icon.

	Home				
	Job		Fieldbus		•
$\bigcirc$	Pset		Fieldbus Type	Ethernet IP	
	Wireless Tools			$\sim$	
	Accessories		Profile Type	None	
0	Result	Þ	Remote Tool Enable Mode	None	
	Settings	▶			
U	Tool General Setting		Enable Logs		
0	Logs	►	Byte (s)		
$\mathbf{\nabla}$	Diagnostics	►	Input:0/256 Output:0/256		~
2	System Maintenance	•	(1) SP23C01508		$\odot(\odot)$
	User Management		$\bigcirc$		$\mathbf{O}$

18. You will see the below screen. Mark the bubble icon for the desired Action and then select Ok.

Fieldbus	SP21J2	4503				8	
Fieldbus Type				Innut			Ethernet IP
Profile Type			Start	End	Total	Sta	None
Remote Tool Enable Mode	Action	File Name	Position	Position	Size	Posit	Vone
Enable Logs	0	XXXXX00000					
Byte (s) Input:0/256 Output:0/256							
1 SP21J24503							
				Cancel		Ok	

# 19. The Fieldbus settings are copied for the newly Paired tool. Select the Save icon.

Fieldbus	
Fieldbus Type	Ethernet IP
Profile Type	None
Remote Tool Enable Mode	None
Enable Logs	
Byte (s) Input:1/256 Output:1/256	
(1) SP21J24503	0 0

#### 20. Verify the settings.

Edit Fie	eldbus - SP21J24503						
Input/Output			Input/Output				
Enable BC0	DDE Pass-through						
Byte (s)							
	Input Assignment	$\oplus$		Output Assignment	$\oplus$		
0			0				

21. The tool is now programmed to run the settings of the previously Paired tool.