

SWITCHING FROM MULTIREADER TO ITEMTEST

OVERVIEW

MultiReader is a legacy application developed for testing RAIN RFID deployments with Impinj Speedway fixed readers. Following the release of MultiReader, Impinj developed and released a different application, ItemTest, to supersede and eventually replace MultiReader. Unlike MultiReader, ItemTest works with the full range of Impinj reader and gateway product lines.

MultiReader is End-of-Life (EOL) as of the release of ItemTest version 1.12.0, which contains nearly all the features provided by MultiReader. The following instructions are intended to assist users in switching from MultiReader to ItemTest.

READING TAGS WITH ITEMTEST

The best way to start using ItemTest is to experiment with reading tags. You will need to have ItemTest installed on a local area network with DNS name resolution.

Follow these steps:

- 1. Open the ItemTest Software application
- 2. Click the Reader Settings menu
- 3. Click the New button
- 4. Enter the speedway host name (*speedwayr-XX-XX*, where XX-XX-XX is the last 6 digits of the MAC address) and press OK.

T Impinj ItemTest			
Reader Settings	Application Settings Help		
Star	t Stop	Time: 0	IMPINJ
	† Reader Settings		EZ
	Reader Settings		
	Status Hostname	Nickname Select Profile Add row T Input hostname I	Remove
Configure	New Delete Compare		OK Cancel
Log file:	.csv 🔲 Generate Unique Tag	Log	Unique Tags: 0 Rate: 0 tags/s

5. Press the *Configure* button



1 Re	eader Settings							 X
Read	der Settings							
	Status	Hostname		Nickname	Select Profi	le	Remove	
1:	ENABLED	speedwayr-10-d8-0d.impinj.com	Configure	Speedway	Default 🔹	Browse	X	
			Add ro	w				
	New De	elete Compare					OK	Cancel

This will bring up the *Configure* dialog:

6. Enter the following settings shown in the dialog below and click OK:

Configure speedwayr-10-d8-0d.impinj.com	Profile: Default	Region: FCC	×			
Inventory Utilities						
Manual Settings						
Antennas: 1		All Clear				
Reader Mode: Mode 1000 : AutoSet Dense R	Reader Mode: Mode 1000 : AutoSet Dense Reader					
Estimated Population: 32						
Session: Session 2	•					
Search Mode: Dual Target						
Power and Sensitivity Settings	Optional Setting	5				
Power (dBm): 30	Filter:		E FastID			
🗷 Max Rx Sensitivity	Memory Bank:	Epc 🔹				
Rx Sensitivity: -70 -	Bit Pointer:	32				
Frequency Settings (FCC Only)	Length:	0				
Reduced Power: Disabled 🗸	Low Duty Cyc	le				
	Empty Field Time	eout (ms): 2000				
	Field Ping Interval (ms): 250					
Save As New Profile		ОК	Cancel			

- 7. Select the Inventory tab
- 8. Place tags in the field of view of the antenna
- 9. Click the Start button to start reading tags



Impinj ItemTest						
Reader Settings Application Settings Help						
Start Stop	Time: 3			IMPINJ		
Inventory Location Direction						
# EPC	Read #	mySpeed	Average RSSI	Antenna		
1 99990000000000000002326	45	45	-48.2	1		
2 01056700000000000000EB0		45	-48.1	1		
3 0195580000000000005E50		44	-41.5	1		
4 02125500000000000000AA	44	44	-54.7	1		
Configure Continuous Run N	umber: 1					

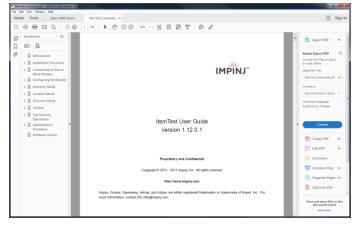
BECOMING AN EXPERT

Users build expertise through using the software and referencing the Help system.

Access help from the 'help' menu. Once in the About dialog press the Open User Guide button:



The user guide describes all features including inventory, location, and direction modes.



For technical issues using ItemTest, please contact your Impinj Authorized Partner. Impinj Partners can contact Impinj Support directly.