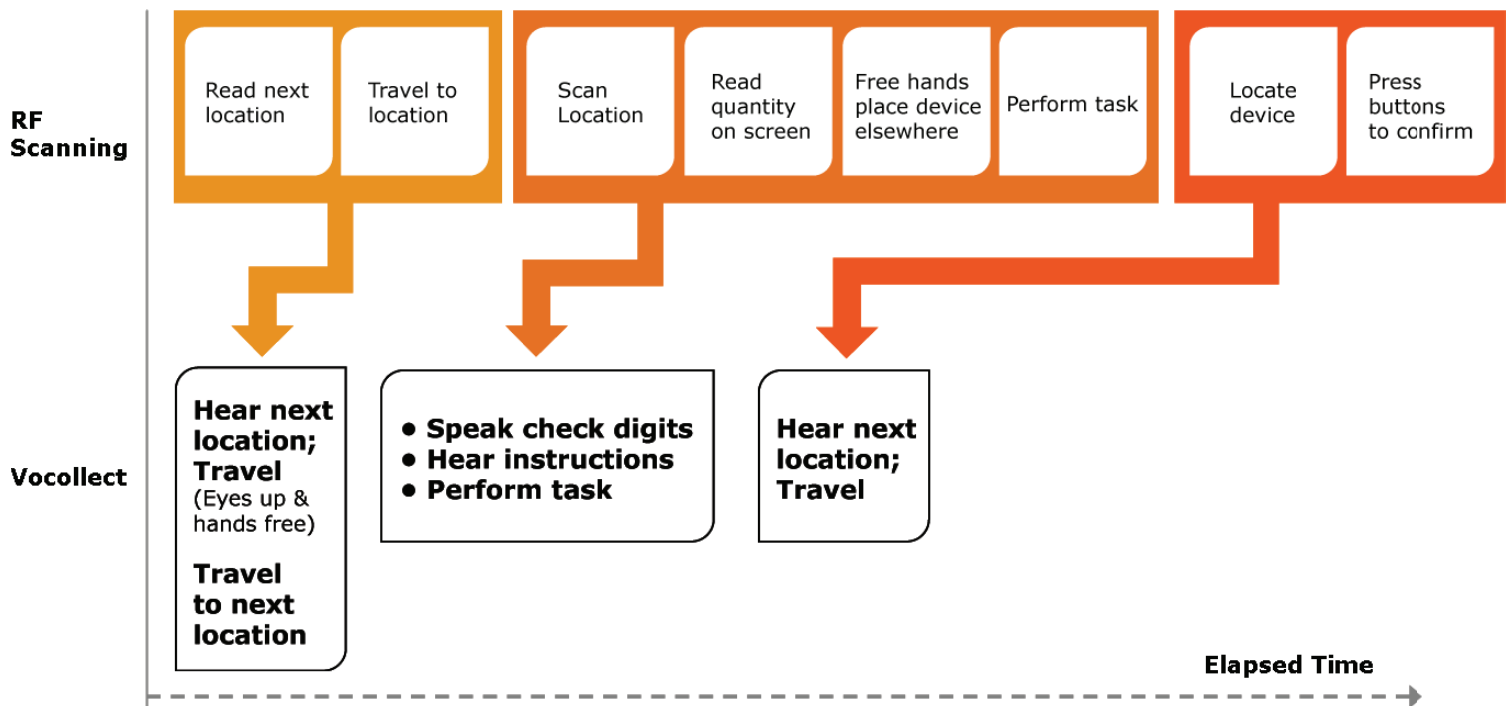


Vocollect Voice vs RF Scanning

Vocollect Voice can provide clear increases in productivity and accuracy as well as a reduction in training time.



Vocollect Advantage

Accuracy

Less errors- 2-4 less errors per 1,000

Productivity

Increased throughput- 15 - 25+% gains

Training

50% reduction in end-user-training



#1 in the Business of Voice™

Real Customer* Productivity Metrics vs Previous RF Scanning Approach

	RF Environment	Voice Environment	Improvement
Avg Hourly Pick Productivity	193	263	36%
Direct FTE's	9	9	0%
Indirect FTE's	10	4	60%
FTE Total	19	13	32%
Total Hours Per Shift	154	104	48%
Average Capacity - Belts	13,896	18,936	36%
Average Capacity - Orders	661	901	36%
Belts Per Hour	90.2	182.1	102%
Orders Per Hour	4.3	8.7	102%

*Source - Public Presentation from JDF Distribution, Inc., using Vocollect October 2009

Vocollect Voice Compared To...

	Paper and Labels	RF Scanning	Pick-to-Light
Productivity	Vocollect 10 – 15+% faster	Vocollect 15 – 25+% faster	Same
Accuracy	Vocollect 10 - 20 less errors per 1,000	Vocollect 2 - 4 less errors per 1,000	Vocollect 2 - 4 less errors per 1,000
Training	Vocollect reduced time by 50%	Vocollect reduced time by 50%-65%	Similar training effort
Issues	<ul style="list-style-type: none"> ▪ Lack of real-time associate visibility and accountability ▪ Lack of real-time inventory, people, system update ▪ Difficult to batch-pick ▪ Data entry errors ▪ Labor and materials cost to handle paper ▪ Not hands-/eyes-free 	<ul style="list-style-type: none"> ▪ Average two weeks of training for associate to be self-sufficient ▪ Operator is distracted: data entry, read, scan ▪ Safety issues (Heads-down) ▪ Not ergonomic ▪ Not hands-/eyes-free ▪ Battery issues ▪ Many points of failure (need to have back-up inventory of equipment) 	<ul style="list-style-type: none"> ▪ Inflexible ▪ Expensive to add SKUs ▪ Can't efficiently manage two order selectors in one zone ▪ Difficult to batch-pick ▪ Sized based on SKUs vs. people ▪ Thousands of points of failure (we are talking about lights...)

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