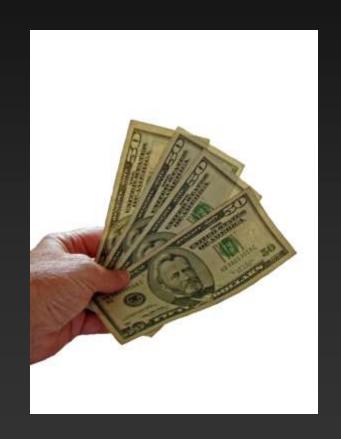
DOH - Seminole County Requisition Process

Kaizen Event

January 13-17, 2014

What Is Our Challenge?

Reduce the Transactional cost of Goods and Services (our labor to perform the transaction and the price of the goods and services themselves)



Results:

What Do We Think Has Been Achieved?

- Reduction in labor required to process an order > 40%
- Upside: Cycle time to process the order > at least 1 week
- Cost of the goods and services targeted reduced > \$4500/qtr
- Upside: the process and changes can be applied to additional goods resulting in even more significant savings

Now Some Details...

A Little Background to Start

What is Continual Quality Improvement?

Achieving sustainable performance beyond what is thought possible by unlocking the limitless capacity of an organization's most valued resource – its people

Through the identification of focused improvement areas, elimination of non-value added work through the use of improvement methods to diagnosis and solve problems, test solutions, measure results, learn, and install sustainable change

WHAT IS KAIZEN?



A group of methods for making work process improvements. Planned teamed events conducted in the workplace that systematically uncover waste in a work process and eliminate it in rapid fashion...

... AND WHAT ARE VALUE AND WASTE?

Value Is

Anything that

- a. the customer recognizes
 as valuable and is willing
 to pay for, AND
- b. Changes the product or information, AND
- c. Is done right the first time.

Waste Is

Anything that consumes resources without adding value

Waste Presents Itself in Different Forms

- 1. Moving
- 2. Stopping
- 3. Searching
- 4. Inspecting
- 5. Getting Ready
- 6. Things Gone Wrong
- 7. More Than Needed
- 8. Not Needed

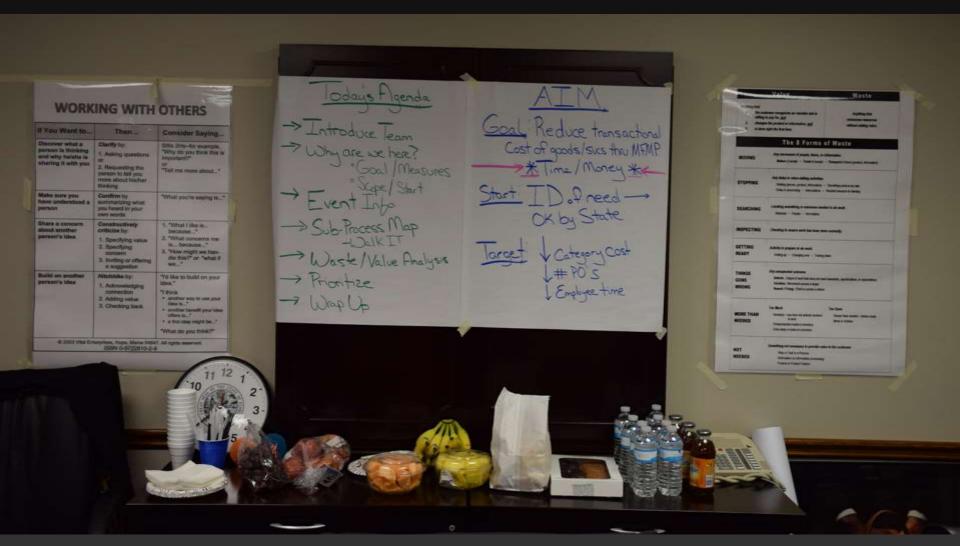
So let Kaizen improvement begin!





Day 1

Getting Focused: Our Goal



Our Goal

4. Goal or Target Condition (What is the objective? Which piece of the gap are you addressing?)

TO: Reduce the transactional cost of goods and services procured thru the MyFloridaMarketPlacesystem.

Transactional cost is defined as: actual monetary cost of item and employee time cost related to salary.

- 5. Customers and Beneficiaries (Who benefits from achieving the goal? What populations are targeted?)
 - Clients of the Department of Health in Seminole County who rely on our operational availability
 - Contracted State of Florida vendors who rely on timely notification of goods and payment for those goods
 - State Office Representatives who must review and correct errors on submitted purchase orders
 - Staff of the Department of Health in Seminole County who rely on the timely receipt of needed goods to provide services to our population
- 6. Benefit (What are the benefits from achieving the goal?)

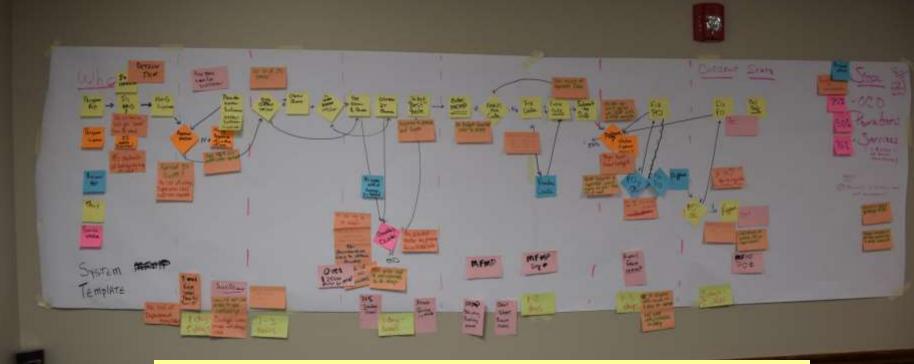
SO THAT:

- More time can be spent on direct client services
- Consistency is obtained in the cost of goods
- Increased financial accountability and cost savings for the organization
- Purchasing structure that promotes cost savings and time efficiency

Measures and Targets: Cost, Labor and Quality

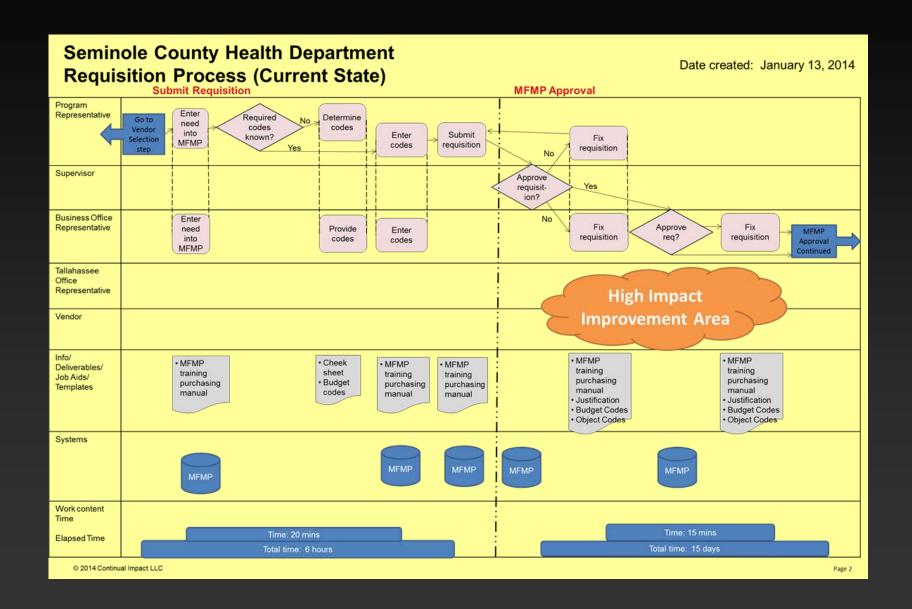
What	How Measured	Target			
Measured		How Much	By When		
Quality: Submitted order forms	% = correct & complete forms / submitted forms -incorrect forms recorded by Michael & Mitzi (daily) -total forms captured by Udgit (monthly)	> 75%	May 1, 2014		
Quality: Submitted purchase requisition	% = correct & complete forms / submitted forms -incorrect forms recorded by Tallahassee (monthly) -total forms captured by Udgit (monthly)	> 90%	May 1, 2014		
Cost: Reduced cost of purchased items	\$ = negotiated savings when price is lower than preferred vendor recorded by Udgit (quarterly) \$ = when multiple quotes are obtained price is lower than preferred vendor recorded by purchaser (quarterly) # = new negotiated vendors on the preferred vendor list (quarterly)	\$4500 / qtr 5 new negotiated vendors/ qtr	May 1, 2014		
Time	Total employee labor time (Form completion to submission to State). 5 time studies completed monthly.	• 25% less time than January 2014 Waste Analysis estimation	March 1, 2014		

Our Current Process



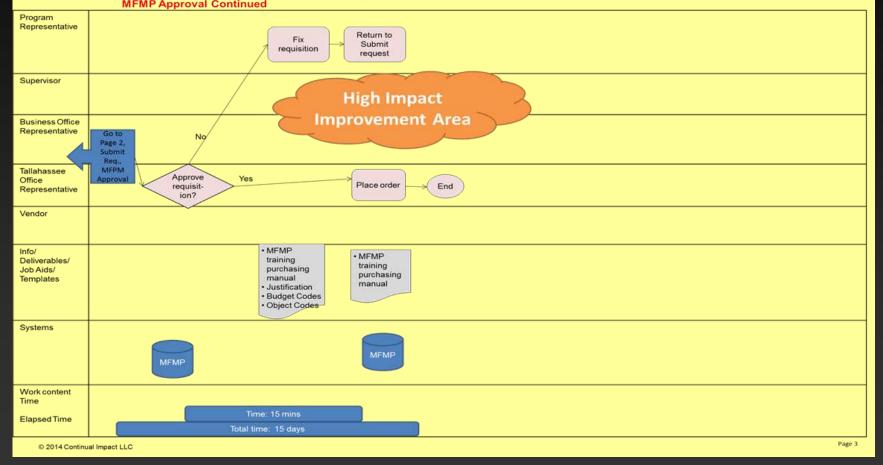
Lots of opportunities! Things gone wrong (defects and rework), Stopping and waiting, Inspection and approvals, Searching...and we found even more observing the process!

Seminole County Health Department Date created: January 13, 2014 **Requisition Process (Current State) Identify Need** Supervisor Approval Select Vendor Program State Yes \$2500 Provide Representative Identify Request Specify Notify Provide term per additional potential 2 quotes Select need supervisor contract item? Request 1 justification justification. vendors 'best' quote information No START: quote Identify No need Approval Supervisor Go to Yes received Provide Specify justification need step Provide Request State Business Office Provide vendor 1 quote Identify Representative Specify Notify additional Provide Select (<\$2500) identification potential supervisor justification, justification contract need 'best' assistance 2 quotes vendors information Yes & No quote (>\$2500) Tallahassee Office Representative **High Impact** Vendor Improvement Area Provide quote Info/ Order · Quote Order · Email Verbal Quote · Quote Deliverables/ sheet form sheet Meeting · Email form form · Meeting Job Aids/ (varies) · Email · Order (varies) (varies) Templates Email · Post-t sheet · Email Email • Fax Catalog • Fax Fax · Phone · Verbal · Phone · Phone request Systems Personal DFS Email Email Excel Email Website Excel Email Work content Time Time: 6 hours Time: 5 minutes Time: 6 hours Elapsed Time Total time: 8 days Total time: 8 days Total time: 8 days © 2014 Continual Impact LLC Page 1

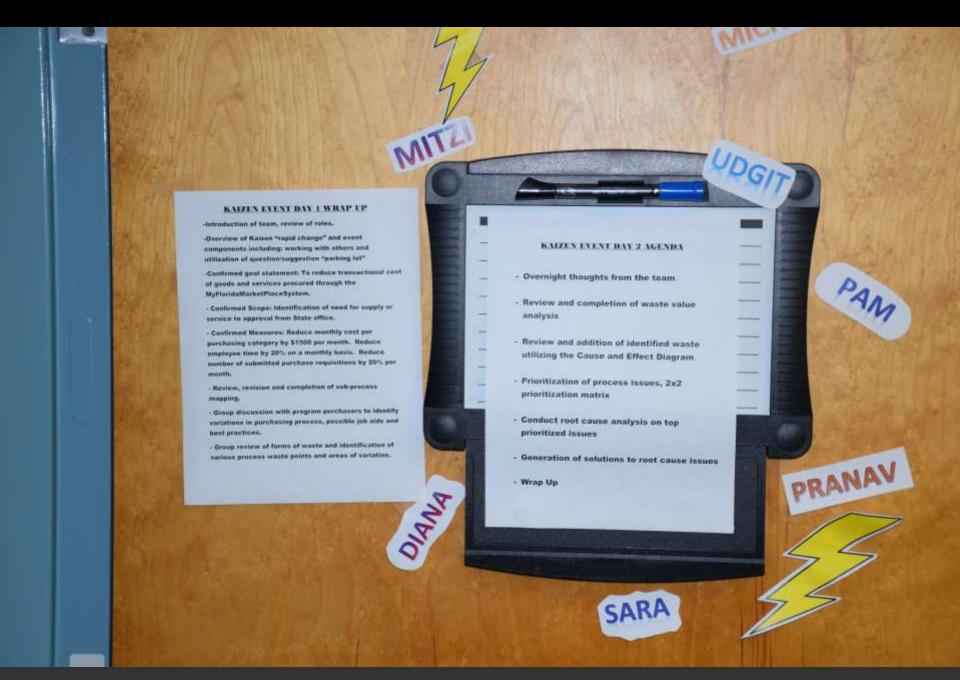


Seminole County Health Department Requisition Process (Current State) MFMP Approval Continued

Date created: January 13, 2014



Day 2





Groundrules

- Use good weaking w/ others
- No ideas are bad
- · focus on process not people
- Declare confidentialty when
- · Frustration shared in this room,
- Stay on time Have fun

Waste Evaluation

Value - Waste Analysis - Sub Process Map

Work Process: Seminole County HD Purchasing Process (one item on PO)

Date: 1/12/2014

Current Work Process Information			Waste Evaluation		Impact		Actions									
					Rate/hr.:	\$25	Actions									
Step No.	Step / Activity	Work Content Time (mins.)	Elapsed Time mins. (including wait time between step)	Frequency (# times completed per week)	Waste Type (see Forms of Waste Table)	Waste	Value- Added	Confidence in eliminating waste (%)	Potential Reduction in Time mins./ wk.	Potential Reduction in Cost / wk.	Priority (High, Med, Low)					
	Identify/Clarify item need	15	1440	1	stopping/searching/ movement/ready	99%	1%	50%	712.8	\$ 297	med					
	Approve	5	1440	1	stopping/inspecting/ not needed	100%	0%	50%	717.5	\$ 299	med					
	Quotes	360	4800	1	stopping/moving	93%	8%	50%	2220	\$ 925	high		Before		After	After
	Submit Requisition	20	480	1	searching/getting ready/stopping	96%	4%	40%	184	\$ 77	low	Step / Activity	Content	Elapsed Time mins.	Content	Elapsed Time mins.
	MFMP Approve	15	7200	1	inspecting/more then needed/things gone wrong/stopping	100%	0%	70%	5029.5	\$ 2,096	high	Identify/ Clarify item	15	1,440	15	120
		415	15360									Approv e	5	1,440	-	_
												Quotes	360	4,800	180	3,360
	Identify/Clarify item need	15	120	1			13%		0	\$ -	med	Requisit MFMP	20	480	20	480
	Quotes	180	3360	1		95%	5%		0	\$ -	high	Approv	15	7,200	10	3,840
	Submit Requisition	20	480	1		96%	4%		0	\$ -	low	Total	415	15,360	225	7,800
	MFMP Approve	10	3840	1		100%	0%		0	\$ -	high	% Potenti al			46%	49%
		225	7800													

Identifying Issues



Identifying Issues



Prioritizing Issues

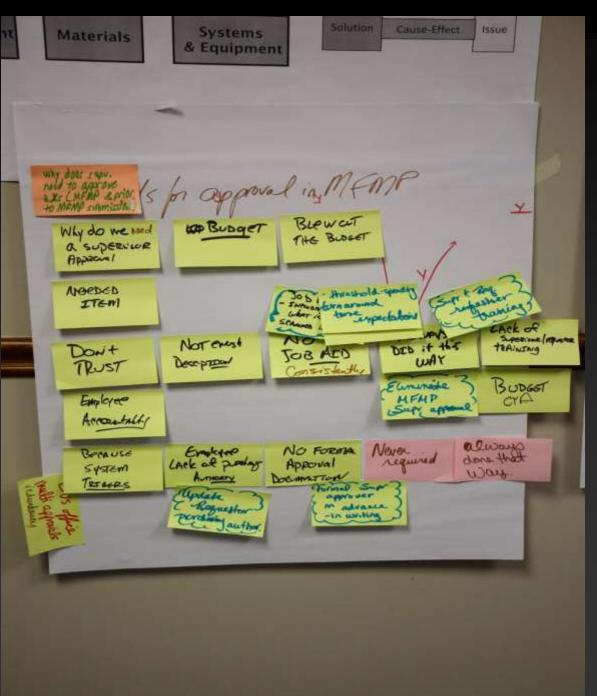


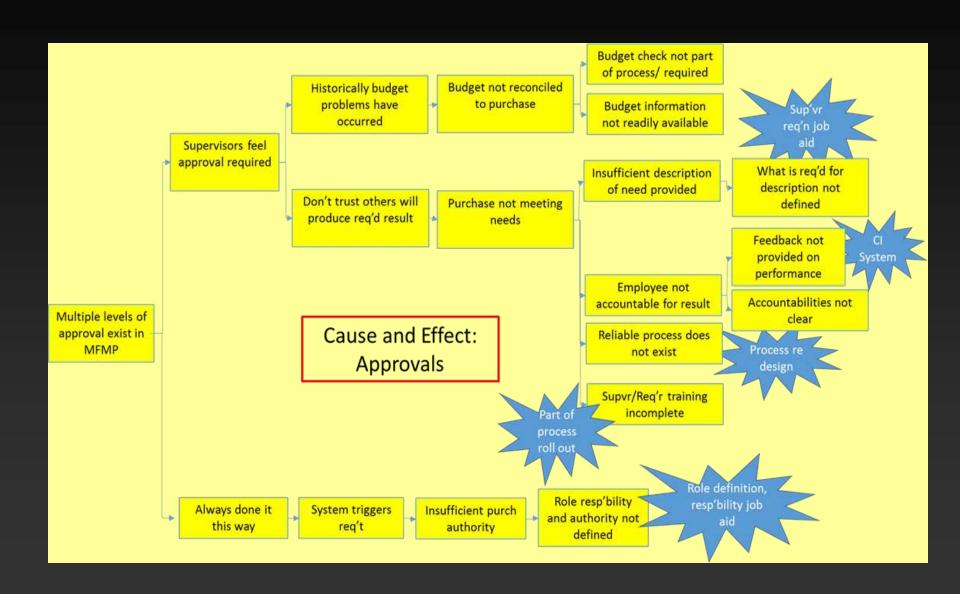




Day 3

Getting to the Root of Issues





Root Cause Summary

Category	Issues/Wastes	Root Causes	Solutions or Additional CI Methods to use	Speed and Cost to Implement
Work Process	Waiting, searching, inspection and rework exist in current process Role clarity and standardized work gaps exist	 Reliable process does not exist Standardized work and job aids not readily available and understood Measures of performance not tracked Process understanding and training gaps exist Accountabilities for use not clear and trusted; multiple approval steps apparent Historic budget accountability concerns 	Create an improved (effective and efficient) process particularly in obtaining quotes and approval of the selection that reduces wastes (overlapping tasks, rework) including job aids, measures and clear accountability Operationalize and roll out process effectively including training, measurement and accountability for use.	One week Kaizen event, training and follow-up time
Purchased cost of OCO, Promotions and Services	Gaps exist in obtaining and evaluating quotes, negotiating prices in order to provide cost reduction	Decision making criteria for quoting requirements and evaluating quotes not available. Accountability for negotiating not clear. Preferred suppliers not identified and available for convenient use.	Provide decision making guidance as part of above process changes and job aids Create and make available preferred supplier list based on quality and competitiveness Implement new policies for obtaining, evaluating and negotiating quotes	One week Kaizen event, training and follow-up time

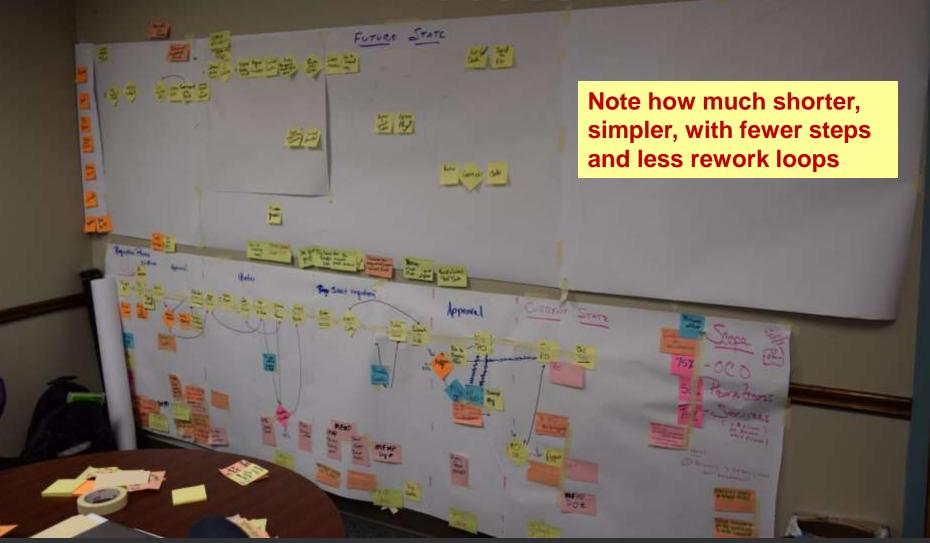
Identifying Potential Solutions (short and long term)



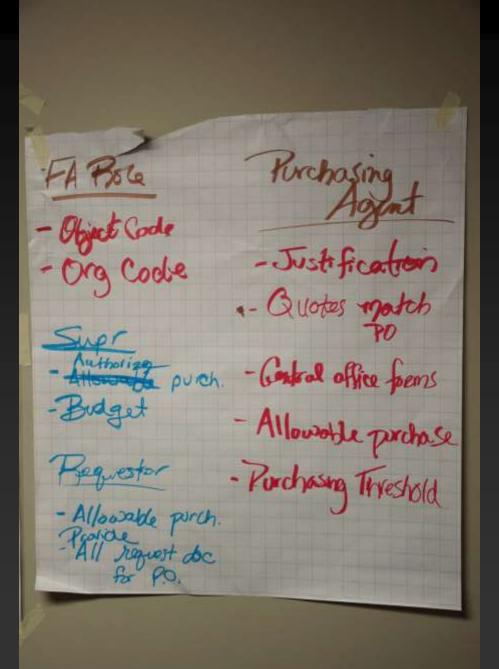
Our Improvement Hypothesis

Issue	Improvement	Expected Results
Work process	If we redesign the process to eliminate wastes and redundancies (particularly in the quoting and approval areas), provide reference information for completing tasks, decision making guidelines and job aids to help identify needed and correct information	then defects and rework loops will be reduced and overall labor time required (employee time) to complete the process will be reduced
Cost reduction opportunities in purchased goods and services	If we identify preferred suppliers (quality and price) for requisitioners to use, obtain multiple quotes for comparisons, and negotiate as appropriate as part of an integrated and consistent work process	then, procured costs for OCO, promotions and services will decrease as measured by cumulative savings identified by requisitioners and the business area

Continuing to Build the Future Process



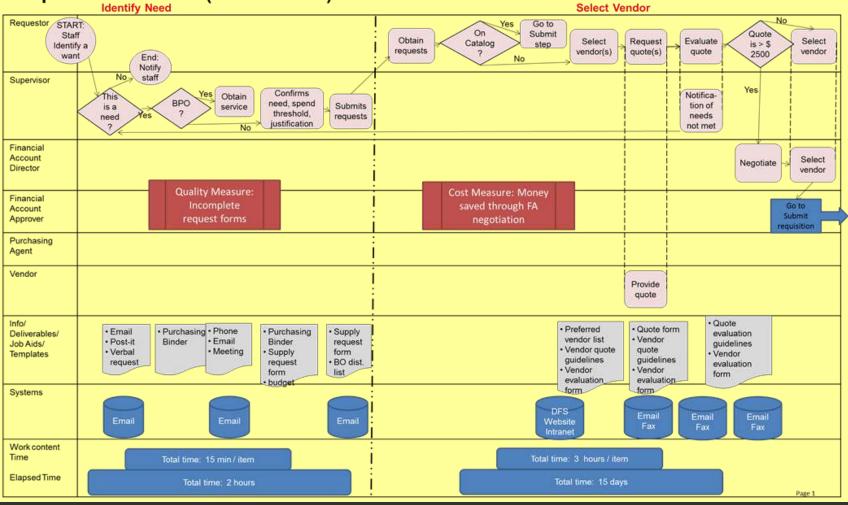


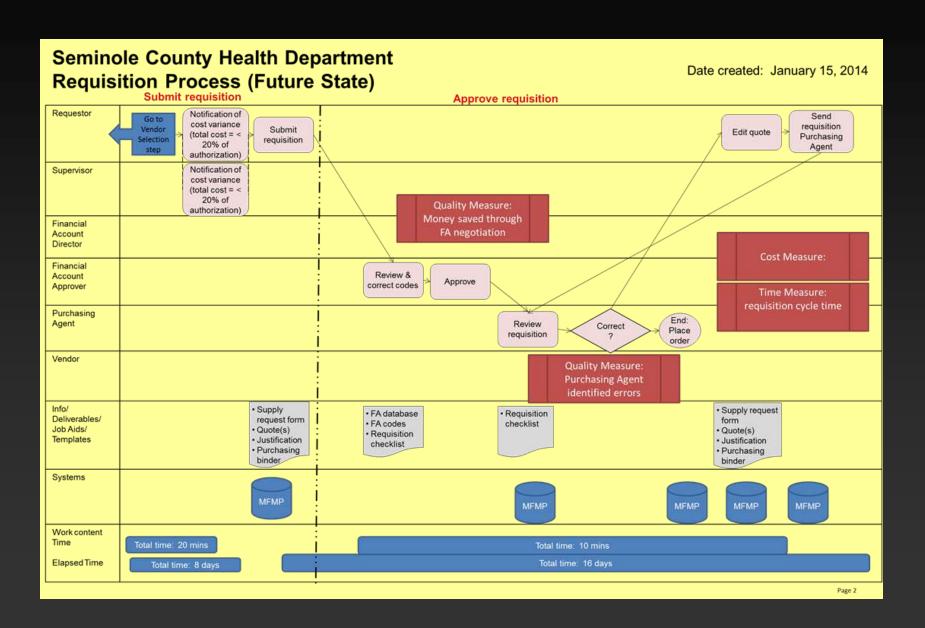


Clarifying Roles & Responsibilities

Seminole County Health Department Requisition Process (Future State)

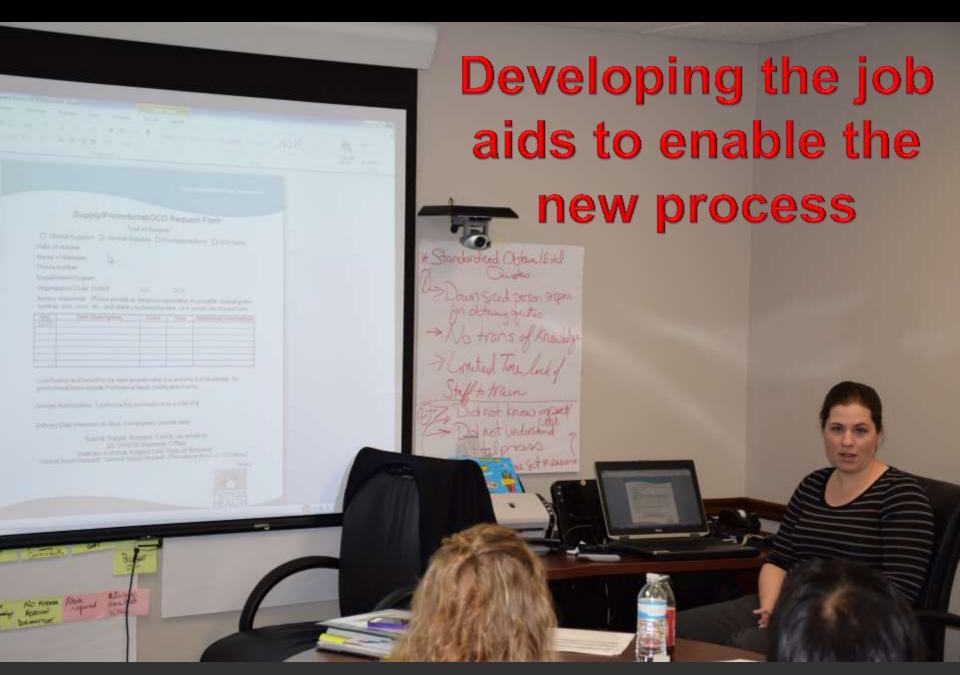
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Issues We Solved!

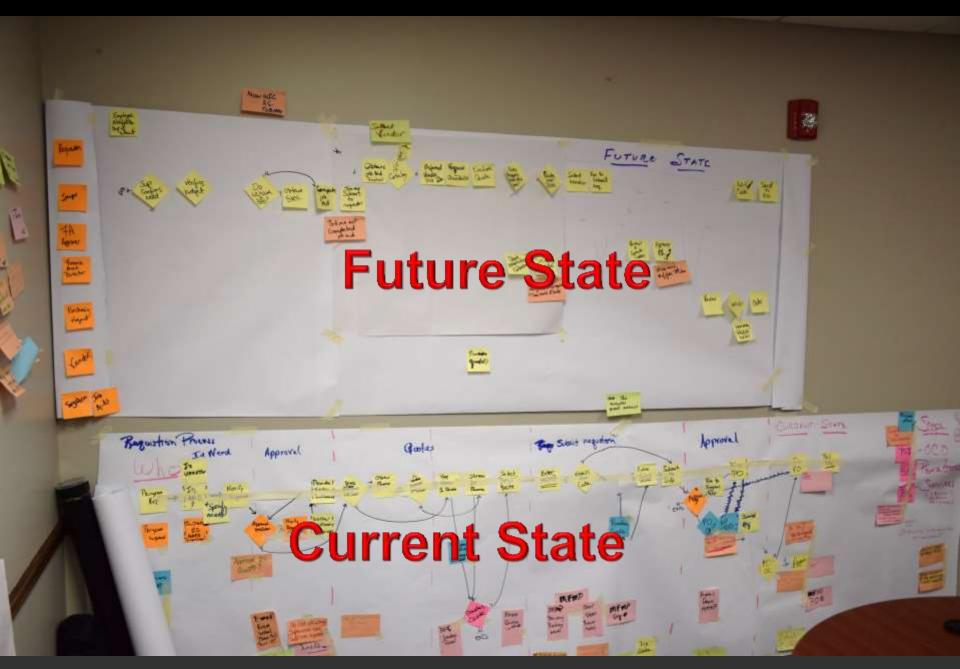




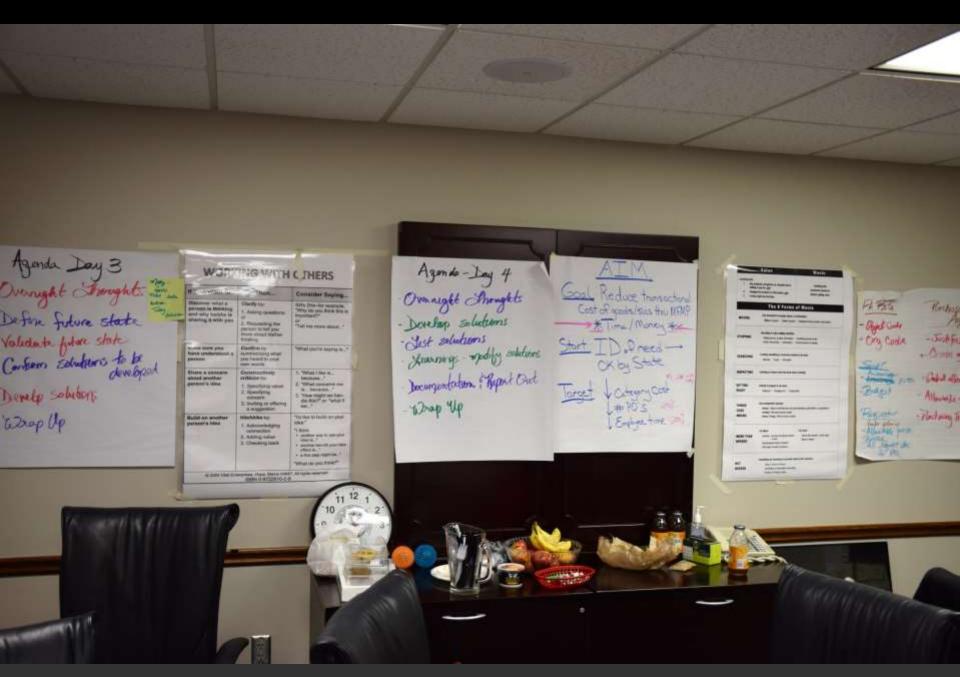


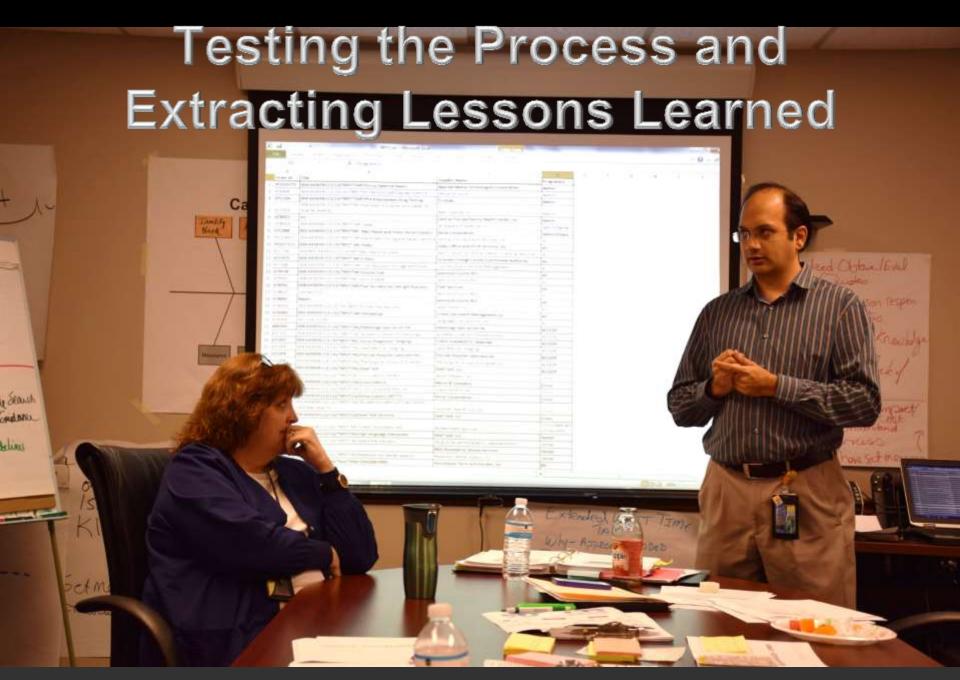
Getting Input On The New Process





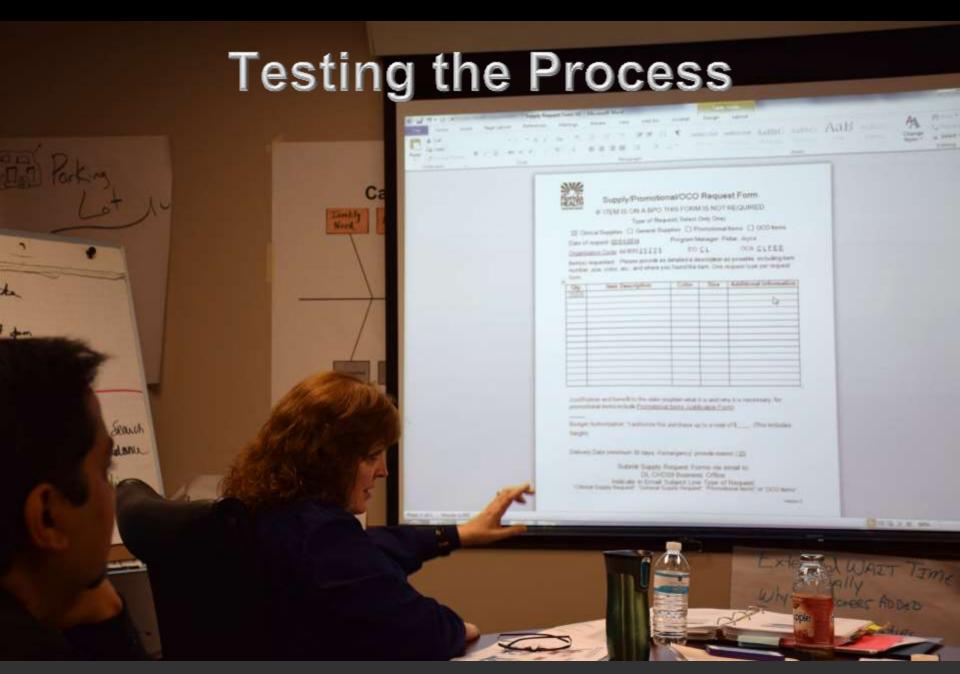
Day 4

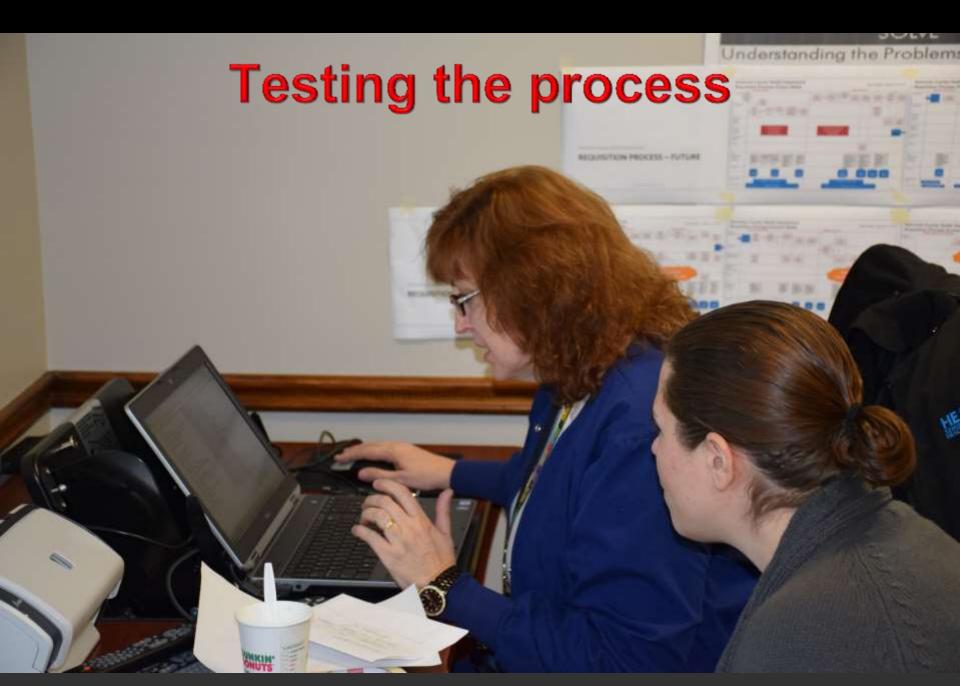




Tests	How	When	Who	Successful if
Identify Need Process & Job Aid test	Provide instructions on Id Need process, request form, justification, binder material Complete the form, record time & questions, solicit feedback (+/-)	Thursda y	Udgit, Sara, Parnav	Form is clear, clean, complete
Preferred vendor list	X# Supervisors Provide instructions & list Id missing / not recommended vendors	Thursda Y	Dianna	List has >90% of vendors for all program areas
Select Vendor process & job aid test	Provide instructions on process, vendor list, quote form, quote guidelines, evaluation guidelines, form to capture savings Complete the form, record time & questions, solicit feedback (+/-)	Thursda y		Form is clear, clean, complete
End to end test	Perform this test for 1. OCO, 2. Services, 3. Promotions Identify program areas Provide instructions on process, Identify need (binder, form) & select vendor (vendor list, quote form, quote guidelines, evaluation guidelines) job aids	Thursda y	Udgit, Sara, Parnav	Follow process Code, form accuracy Captured modifications to the process map
	FA Approver review			

Tests To Perform

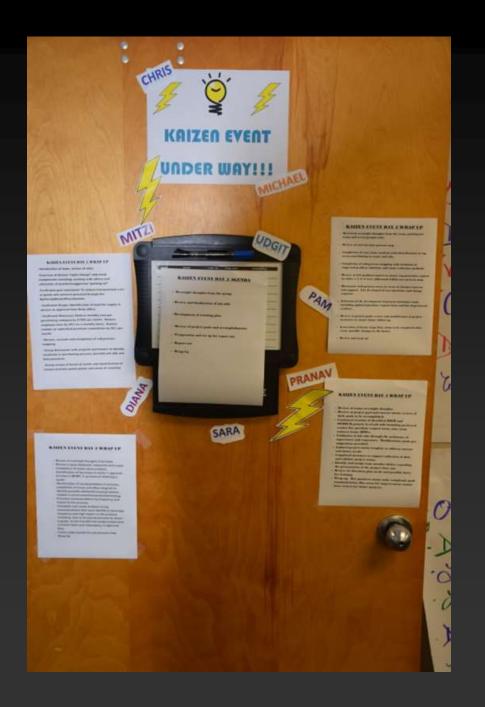


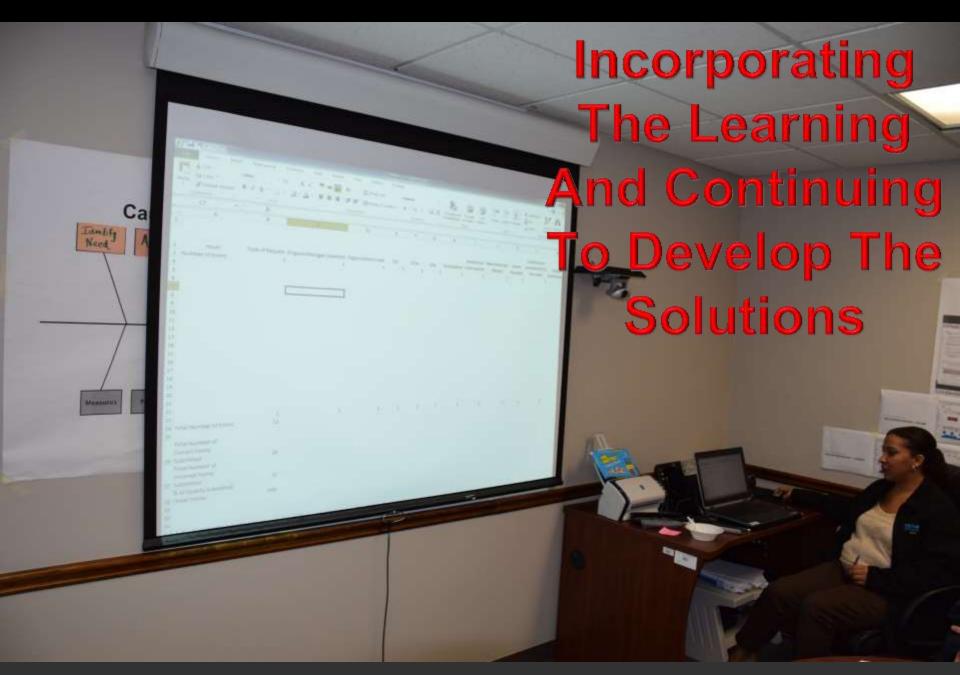


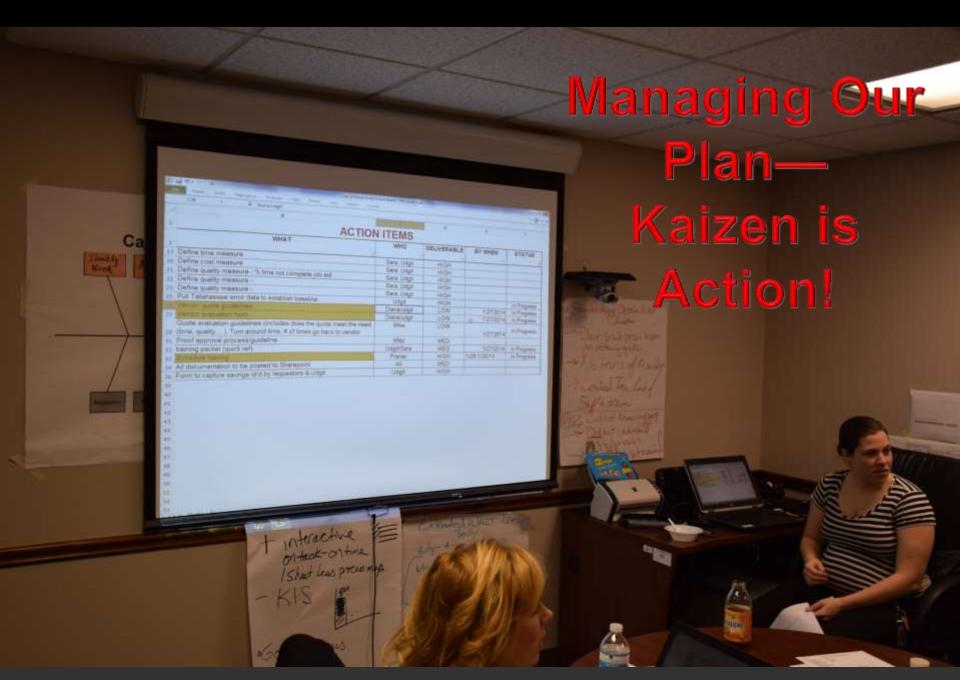
Lessons Learned: SRLD

Reasons	Learning: Why?	Direction: Actions to be taken
Request Form: +form is simpler +form has links to codes +form has references to other required info (BPO, justification) -entering in the codes with separate boxes is clunky +More structured -Supr may delegate to requestor	 Errors can still be made in the request form We still have 4 different request forms 	 Modify the code input section for easier entry – obtain IT assistance Modify the form to cover supplies and services
Preferred Vendor List: +add vendor email, vendor contact email, STC (Y/N), catalog (Y/N)	Programs have some preferred vendors recorded in their own area	Diana requested list input from 4 program areas
End to End:	We have the potential to save time for the requestor and approvers	

Day 5

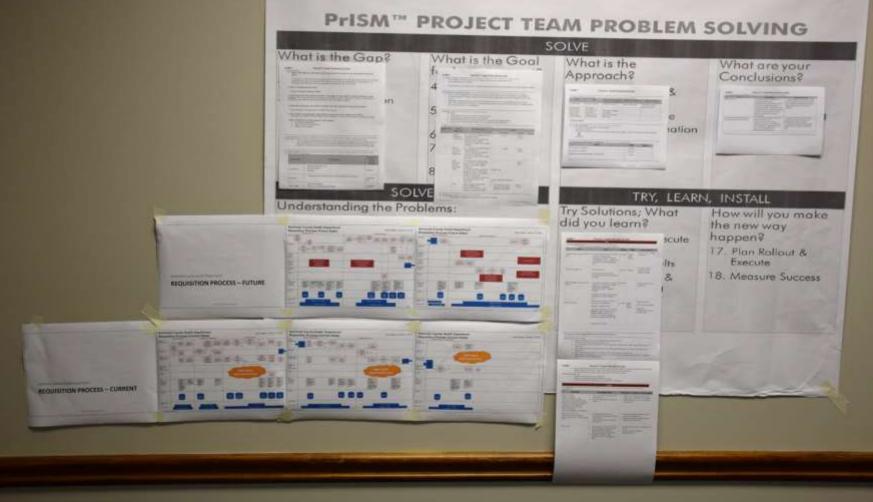








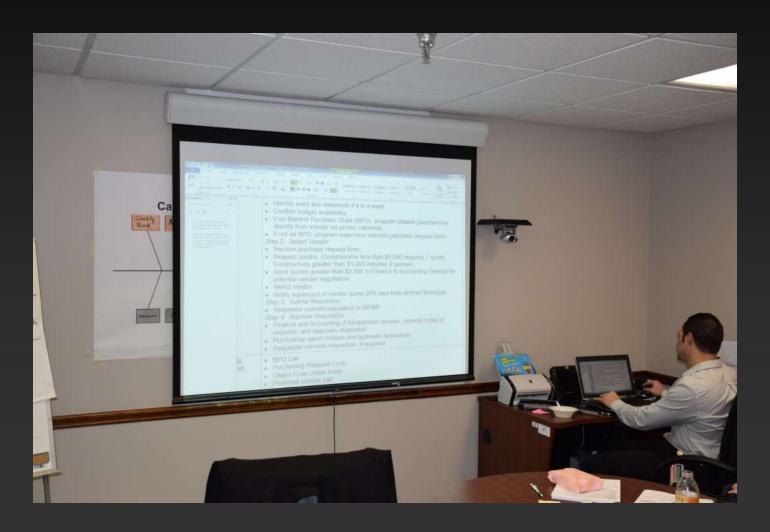
Our Kaizen Improvement Journey Storyboard



Potential Process Time Improvement

	Before	Before	After	After
Step / Activity	Work Content Time (mins.)	Elapsed Time mins. (including wait time between step)	Work Content Time (mins.)	Elapsed Time mins. (including wait time between step)
Identify/Clarify item need	15	1,440	15	120
Approve	5	1,440	_	_
Quotes	360	4,800	180	3,360
Submit Requisition	20	480	20	480
MFMP Approve	15	7,200	10	3,840
Total	415	15,360	225	7,800
% Potential Improvement			46%	49%

Starting to Develop the Training Materials



Reporting Out: Getting Set Up



Reporting Out





Getting Feedback From Leadership

What Is Next?

- Finish Training materials
- Conduct training (1st wk of Feb)
- GO LIVE!
- Measure, monitor and continue to improve!

