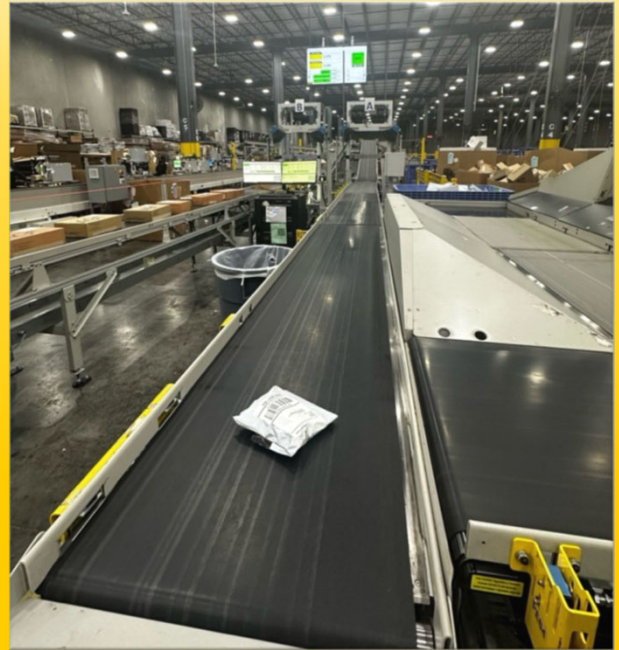


AUTOMATED PARCEL SORTER PROCESS EVALUATION EWR – FIRST TO PILOT

Mehmet Gur

Excellence. Simply delivered.

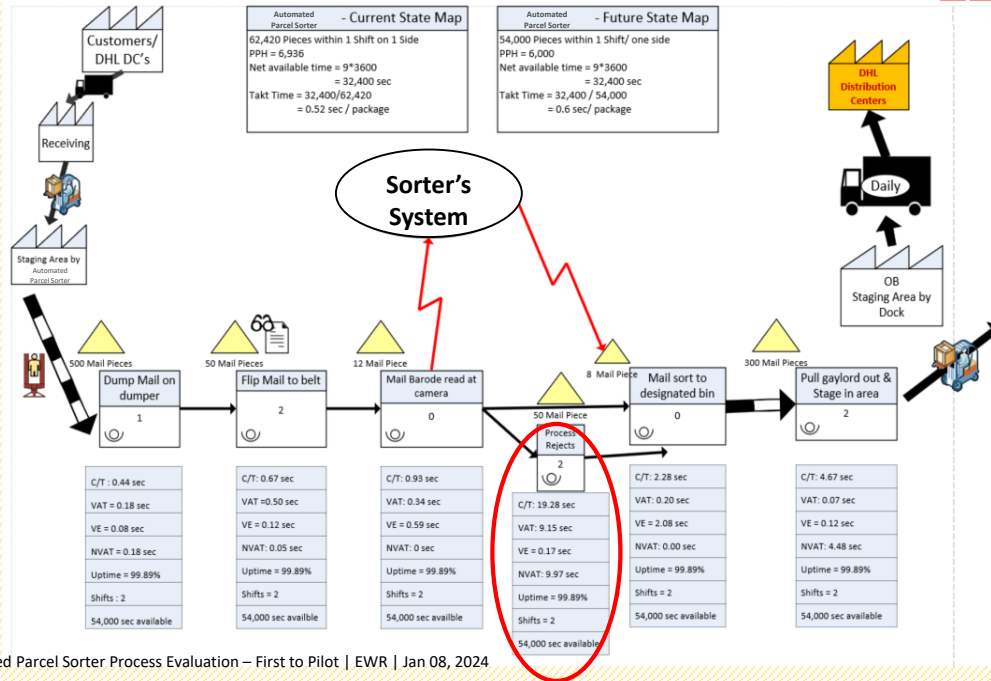


Agenda



- 1 Value Stream Mapping – OB Automated Parcel Sorter
- 2 Problems Identified
 - Reject Rates – June/July 2023
- 3 Focused Process
 - Root Cause Analysis
 - Process Observations
- 4 Current vs Future States
 - Times and Headcounts
- 5 Benefits
- 6 Visual for Instructions Example
- 7 Action Plan

Value Stream Mapping – OB Automated Parcel Sorter



Problems Identified



Higher Rejects

~Up to 14%

Impacts PIM

More HC to Process Rejects

Impact PIM

~16 additional hours each day

Impacts PIM

~ 7,000 pieces/ 50,000k

Double Handling



Reject Rate: June/July 23

Average of % Sort Reject	Column Labels						
Row Labels	7/6/23	7/7/23	7/8/23	7/9/23	7/10/23	7/11/23	Grand Total
XSTRM - EWR - A	7.99%	6.57%	9.89%	1.19%	5.35%	8.62%	6.60%
XSTRM - EWR - B	6.29%	9.27%	17.49%		2.76%	3.85%	7.93%

Average of % Sort Reject	Column Labels						
Row Labels	6/30/23	07/01/23	07/02/23	07/03/23	07/04/23	07/05/23	Grand Total
XSTRM - EWR - A	5.91%	13.17%		5.29%	8.92%	8.04%	8.26%
XSTRM - EWR - B	3.99%	9.70%		2.85%	3.98%	8.55%	5.82%

Average of % Sort Reject	Column Labels						
Row Labels	6/6/23	6/7/23	6/8/23	6/9/23	6/10/23	6/11/23	Grand Total
XSTRM - EWR - A	10.03%	8.18%	9.30%	6.25%	4.52%	5.08%	7.23%
XSTRM - EWR - B	4.14%	4.55%	3.88%	5.67%	2.59%		4.17%

Average of % Sort Reject	Column Labels						
Row Labels	6/2/23	6/3/23	6/4/23	6/5/23	6/6/23	6/7/23	Grand Total
XSTRM - EWR - A	8.54%	12.14%	8.62%	11.82%	10.04%	8.29%	9.91%
XSTRM - EWR - B	5.03%	4.24%		2.61%	4.15%	4.57%	4.12%



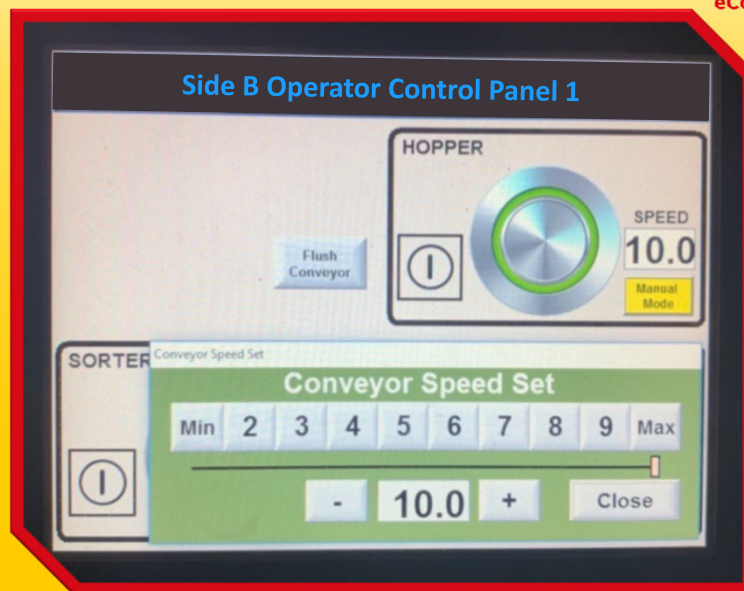
Focus

Conducted Design of Experiments

- Different Speeds of Conveyor
- Different Headcounts

Evaluated For:

- Rejects
- Read Rates
- Throughput
- Pieces Rehandled

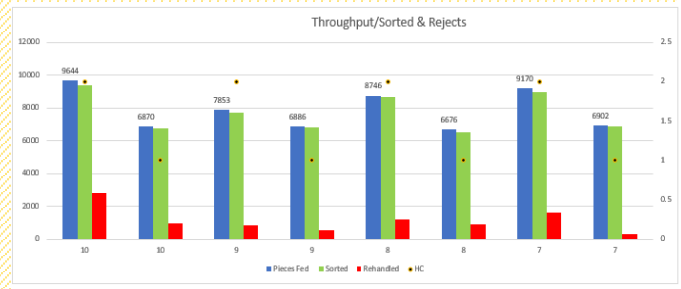
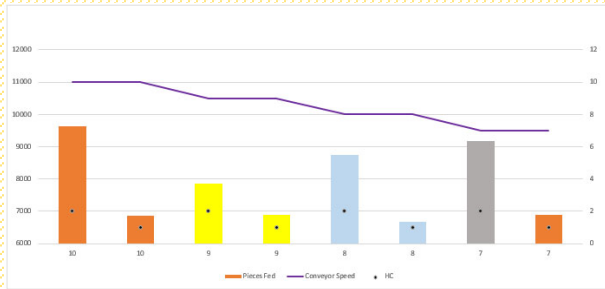


Root Cause Analysis – Design of Experiment



Design of Experiment

Constants			Variables											Rejects	
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled		Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back	
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	0, 2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		



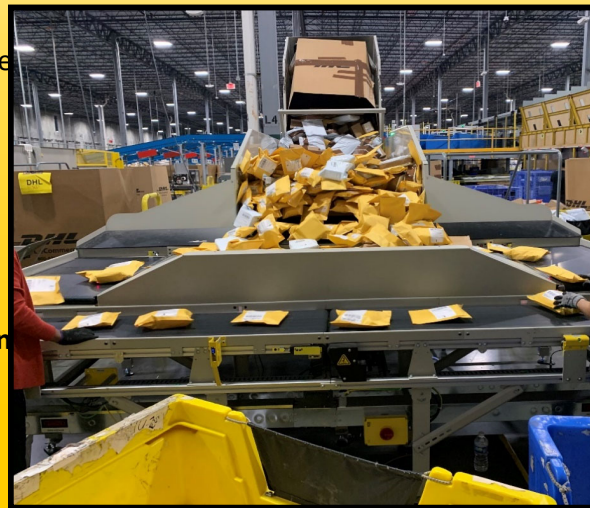
Observations

Higher Speed with 2 HC

- Increases **Throughput** by 30% but also increases pieces **rehandled** by 8% (22% theoretical increase)
- More Mechanical Rejects
- More Rejects

Minimum Pieces Rehanded for Two Combinations

- Speed 9 – HC 2
- Speed 7 – HC 1



Benefits



\$ Cost Savings

↑ Improved PIM

Person Flexibility of Staffing for OMs

Wages		Savings		
Hourly	Half Hourly	Weekly	Monthly	Yearly
\$ 20	\$ 10	\$ 710	\$ 2,840	\$ 34,080



Visuals for Instructions Example



Automated Parcel Sorter - Side A & Side B						
FIRST SHIFT - Headcount & Speed Combinations						
	Sun	Mon	Tue	Wed	Thu	Fri
6:00						
6:30						
7:00						
7:30						
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
13:00						
13:30						
14:00						
14:30						
15:00						
15:30						
16:00						
16:30						

	Speed	Headcount	Instructions
			Run @ Speed 9 with 2 Headcounts
			Run @ Speed 7 with 1 Headcount

Automated Parcel Sorter - Side A & Side B						
THIRD SHIFT - Headcount & Speed Combinations						
	Sun	Mon	Tue	Wed	Thu	Fri
17:00						
17:30						
18:00						
18:30						
19:00						
19:30						
20:00						
20:30						
21:00						
21:30						
22:00						
22:30						
23:00						
23:30						
0:00						
0:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						
5:30						

	Speed	Headcount	Instructions
			Run @ Speed 9 with 2 Headcounts
			Run @ Speed 7 with 1 Headcount



Action Plan



Run as Pilot

- Manual with Visuals
- Duration – 2 weeks
- Start Date – 7/16/23
- End Date - 7/29/23

Evaluate Results

- Shift End Times
- PIM Impact
- Follow up meeting

Expand to Network

- Share the results



Key takeaways



- **Understand the purpose and constructure of VSM**
 - Material flow
 - Information flow
- **Be able to identify the problems from VSM**
- **Be able to focus on the potential root cause/factors**
 - Independent Variables
 - Evaluation for output
- **Know how to conduct and interpret from Design of experiment**
 - Create various potential scenarios
 - Address the potential combination for test validation
- **Conclude and provide solution**
- **Scale up and implement for future standard process**

Quiz time

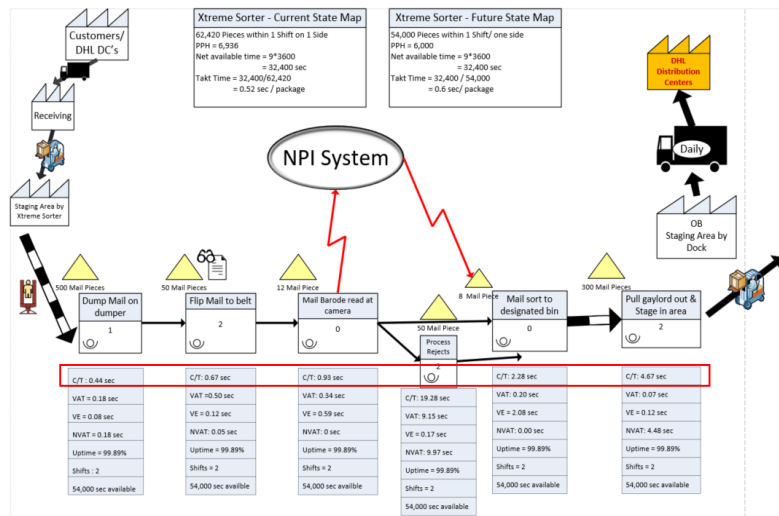
Question 1



What's the cycle time of the whole process

Answer: 28.27s

$$0.44+0.67+0.93+19.28+2.28+4.67$$

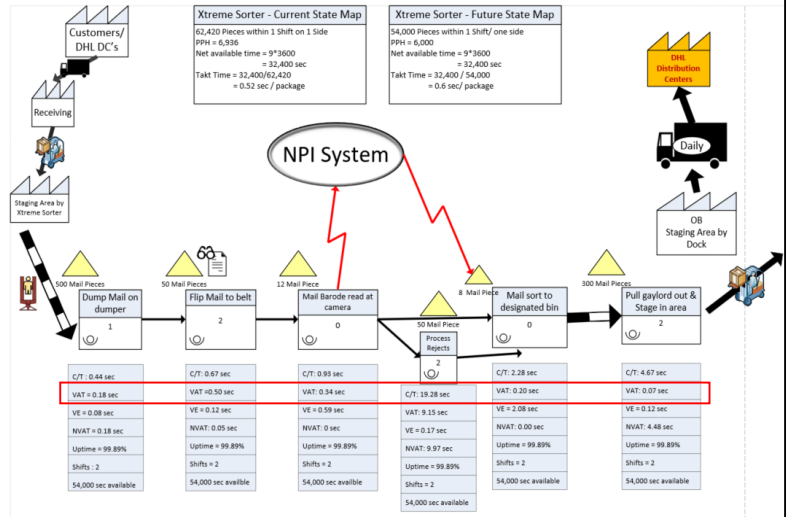


Question 2

What's the value-added time of the whole process

Answer: 10.44s

$$0.18+0.5+0.34+9.15+0.2+0.07$$

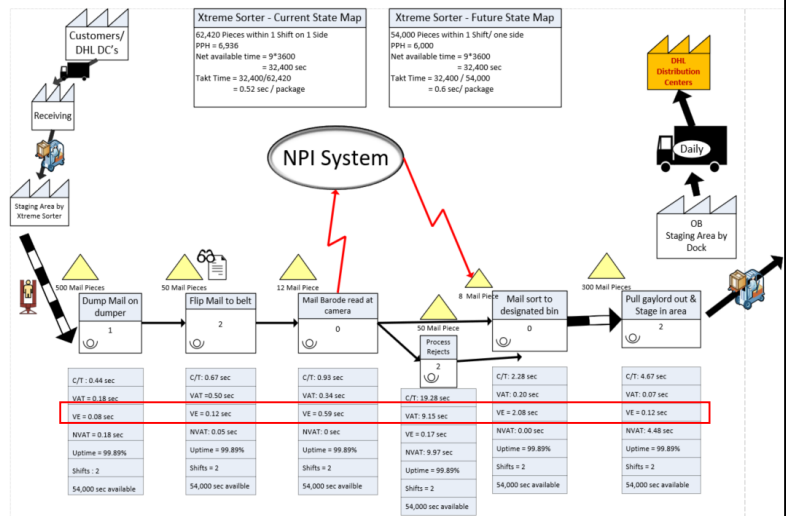


Question 3

What's the non-value enabled time of the whole process

Answer: 3.16s

$$0.08+0.12+0.59+0.17+2.08+0.12$$

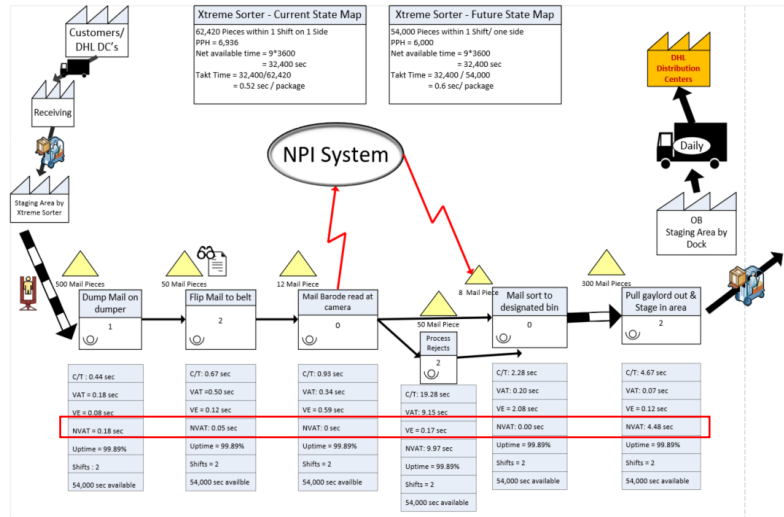


Question 4

What's the non-value enabled time of the whole process

Answer: 14.68s

$$0.18+0.05+0+9.97+0+4.48$$

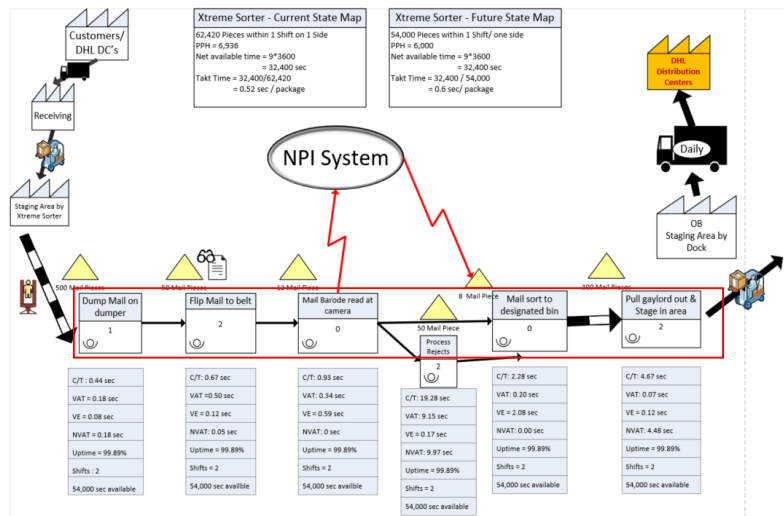


Question 5

What's the number in the small boxes?

Answer:

The headcount needed in that step



Question 6



What's the problem identified from this process?

Answer:

- High rejects
- More headcount needed
- More sorting time needed
- Double handling

Higher Rejects
~Up to 14%

More HC to Process Rejects
Impact PIM

~16 additional hours each day
Impacts PIM

~ 7,000 pieces/ 50,000k
Double Handling

Refer to slide 4
21

Question 7



Which side has more room to improved based on June/July record?

Answer:

Side A, with more low read rates records.

Average of % Sort Reject	Column Labels						
Row Labels	7/6/23	7/7/23	7/8/23	7/9/23	7/10/23	7/11/23	Grand Total
XSTRM - EWR - A	7.99%	6.57%	9.89%	1.19%	5.35%	8.62%	6.60%
XSTRM - EWR - B	6.29%	9.27%	17.49%		2.76%	3.85%	7.93%

Average of % Sort Reject	Column Labels						
Row Labels	6/30/23	07/01/23	07/02/23	07/03/23	07/04/23	07/05/23	Grand Total
XSTRM - EWR - A	5.91%	13.17%		5.29%	8.92%	8.04%	8.26%
XSTRM - EWR - B	3.99%	9.70%		2.85%	3.98%	8.55%	5.82%

Average of % Sort Reject	Column Labels						
Row Labels	6/6/23	6/7/23	6/8/23	6/9/23	6/10/23	6/11/23	Grand Total
XSTRM - EWR - A	10.03%	8.18%	9.30%	6.25%	4.52%	5.08%	7.23%
XSTRM - EWR - B	4.14%	4.55%	3.88%	5.67%	2.59%		4.17%

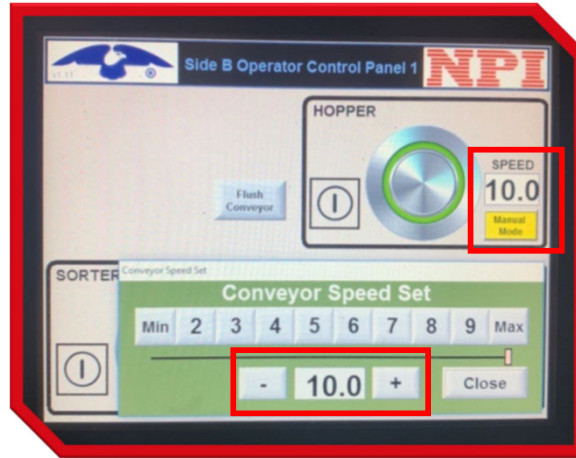
Average of % Sort Reject	Column Labels						
Row Labels	6/2/23	6/3/23	6/4/23	6/5/23	6/6/23	6/7/23	Grand Total
XSTRM - EWR - A	8.54%	12.14%	8.62%	11.82%	10.04%	8.29%	9.91%
XSTRM - EWR - B	5.03%	4.24%		2.61%	4.15%	4.57%	4.12%

Refer to slide 5
22

Question 8

How does engineering team conduct DOE with this control panel?

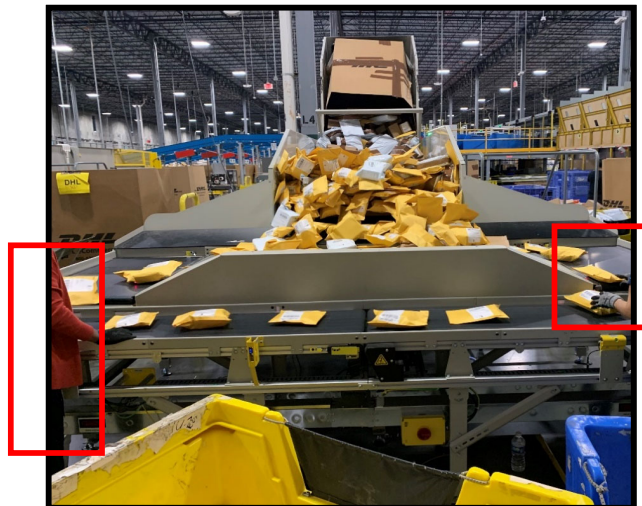
Answer: Set different speeds of conveyors



Question 9

What's the other independent variables besides the speeds of conveyors?

Answer: Different operators at the conveyors





Question 10

What's the 4 indices evaluated from this DOE?

Answer:

- Throughput
- Piece rehandled
- Read rates
- Reject counts

Design of Experiment

Constants			Variables										Rejects		
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled		Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back	
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		



Question 11

How many different scenarios in this DOE?

Answer:

8 scenarios

Design of Experiment

Constants			Variables										Rejects		
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled		Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back	
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		





Question 12

And what are these independent variables?

Answer:

- Conveyor speed
- Headcount

Design of Experiment

Constants			Variables											Rejects	
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled			Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	0, 2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		



Question 13

Provide two findings that you can find out from this DOE.

Answer:

Different level of rehandle parcels and read rate from different combinations.

Design of Experiment

Constants			Variables											Rejects	
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled			Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	0, 2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		





Question 14

What's the impact if we have 2 operator with higher speed to flip the mails?

Answer:

- Increases Throughput by 30% but also increases pieces rehandled by 8%(22% theoretical increase)
- More rejects

Design of Experiment

Constants			Variables										Rejects		
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled		Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back	
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	0, 2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		

Refer to slide 8



Question 15

What are the 2 combinations with the minimum pieces rehandled from this DOE?

Answer:

- Speed 9 – HC 2
- Speed 7 – HC 1

Design of Experiment

Constants			Variables										Rejects		
Duration of Study (2 hours)	Conveyor Speed	HC	Pieces Fed	Sorted	Rehandled		Actual Rejects (Bin 1) Hospital Belt	Mechanical Rejects (Bin 22)	Read Rate	Disposition No Container	Disposition Missing	Misc	Collect Sample Pieces from Hospital	Track after marking (without encoding), how many came back	
5/23/2023 (1000-1200) B	10	2	9644	9389	2809	6835	29%	2556	253	97.38%	11	240	4	20	17
5/30/2023 (2100-2300) B	10	1	6870	6722	930	5940	14%	792	138	96.91%	15	122	11	15	14
5/24/2023 (1900-2100) B	9	2	7853	7678	862	6991	11%	687	175	98.40%	38	135	2	8	7
5/24/2023 (2200-0000) B	9	1	6886	6791	567	6319	8%	472	95	98.43%	24	71	0	4	0, 2 packages came back, were reintroduced and then got sorted.
5/24/2023 (1900-2100) A	8	2	8746	8632	1204	7542	14%	1090	114	96.27%	87	22	5	10	8
5/31/2023 (0000-0200) B	8	1	6676	6527	913	5763	14%	762	151	95.55%	6	123	20	16	15
5/26/2023 (0945-1145) B	7	2	9170	8977	1605	7565	18%	1411	194	96.65%	16	176	1	14	14
5/31/2023 (1700-1800) A	7	1	6902	6868	274	6628	4%	120	17	96.87%	16	1	17		

Refer to slide 8



Question 16



What difference do you observe between current and future state?

Answer:

Mix speed and headcount are used (in non busy hours)

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Fast Shift	18034	49771	49398	44214	40469	39047	
Thrd Shift	12838	66097	61946	60946	55121	49577	
0:00		3@2	7@1	7@1	7@1	7@1	
0:30		3@2	7@1	7@1	7@1	7@1	
1:00		3@2	7@1	7@1	7@1	7@1	
1:30		3@2	7@1	7@1	7@1		
2:00		3@2	7@1	7@1			
2:30		7@1					
3:00							
3:30							
4:00							
4:30							
5:00							
5:30							
6:00							
6:30							
7:00							
7:30							
8:00		7@1					
8:30		7@1	3@2	3@2	3@2	7@1	
9:00		7@1	3@2	3@2	3@2	7@1	
9:30		7@1	3@2	3@2	3@2	7@1	
10:00		7@1	3@2	3@2	3@2	7@1	
10:30		7@1	3@2	3@2	3@2	7@1	
11:00			3@2	3@2	3@2	7@1	
11:30			3@2	3@2	3@2	7@1	
12:00			3@2	3@2	3@2	7@1	
12:30			3@2	3@2	3@2	7@1	
13:00		7@1	7@1	7@1	7@1	7@1	
13:30		7@1	7@1	7@1	7@1	7@1	
14:00		7@1	7@1	7@1	7@1	7@1	
14:30		7@1	7@1	7@1			
15:00		7@1	7@1				
15:30		7@1	7@1				
16:00							
16:30							
17:00	7@1	3@2	3@2	3@2	3@2	3@2	
17:30	7@1	3@2	3@2	3@2	3@2	3@2	
18:00	7@1	3@2	3@2	3@2	3@2	3@2	
18:30	7@1	3@2	3@2	3@2	3@2	3@2	
19:00		3@2	3@2	3@2	3@2	3@2	
19:30		3@2	3@2	3@2	3@2	3@2	
20:00		3@2	3@2	3@2	3@2	3@2	
20:30		3@2	3@2	3@2	3@2	3@2	
21:00		3@2	3@2	3@2	3@2	3@2	
21:30		3@2	3@2	3@2	3@2	3@2	
22:00		3@2	3@2	3@2	3@2	3@2	
22:30		3@2	3@2	7@1	7@1	7@1	
23:00		3@2	3@2	7@1	7@1	7@1	
23:30		3@2	3@2	7@1	7@1	7@1	
24:00		3@2	7@1	7@1	7@1	7@1	

Refer to slide 9

Question 17



What impact do you think will be observed with the future state?

Answer:

- Less double handled
- Less headcount with less cost

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Fast Shift	18034	49771	49398	44214	40469	39047	
Thrd Shift	12838	66097	61946	60946	55121	49577	
0:00		3@2	7@1	7@1	7@1	7@1	
0:30		3@2	7@1	7@1	7@1	7@1	
1:00		3@2	7@1	7@1	7@1		
1:30		3@2	7@1	7@1			
2:00		3@2	7@1	7@1			
2:30		7@1					
3:00							
3:30							
4:00							
4:30							
5:00							
5:30							
6:00							
6:30							
7:00							
7:30							
8:00		7@1					
8:30		7@1	3@2	3@2	3@2	7@1	
9:00		7@1	3@2	3@2	3@2	7@1	
9:30		7@1	3@2	3@2	3@2	7@1	
10:00		7@1	3@2	3@2	3@2	7@1	
10:30		7@1	3@2	3@2	3@2	7@1	
11:00			3@2	3@2	3@2	7@1	
11:30			3@2	3@2	3@2	7@1	
12:00			3@2	3@2	3@2	7@1	
12:30			3@2	3@2	3@2	7@1	
13:00		7@1	7@1	7@1	7@1	7@1	
13:30		7@1	7@1	7@1	7@1	7@1	
14:00		7@1	7@1	7@1	7@1	7@1	
14:30		7@1	7@1	7@1			
15:00		7@1	7@1				
15:30		7@1	7@1				
16:00							
16:30							
17:00	7@1	3@2	3@2	3@2	3@2	3@2	
17:30	7@1	3@2	3@2	3@2	3@2	3@2	
18:00	7@1	3@2	3@2	3@2	3@2	3@2	
18:30	7@1	3@2	3@2	3@2	3@2	3@2	
19:00		3@2	3@2	3@2	3@2	3@2	
19:30		3@2	3@2	3@2	3@2	3@2	
20:00		3@2	3@2	3@2	3@2	3@2	
20:30		3@2	3@2	3@2	3@2	3@2	
21:00		3@2	3@2	3@2	3@2	3@2	
21:30		3@2	3@2	3@2	3@2	3@2	
22:00		3@2	3@2	7@1	7@1	7@1	
22:30		3@2	3@2	7@1	7@1	7@1	
23:00		3@2	3@2	7@1	7@1	7@1	
23:30		3@2	7@1	7@1	7@1	7@1	

Refer to slide 9



Question 18

What benefits are expected from this overall analysis?

Answer:

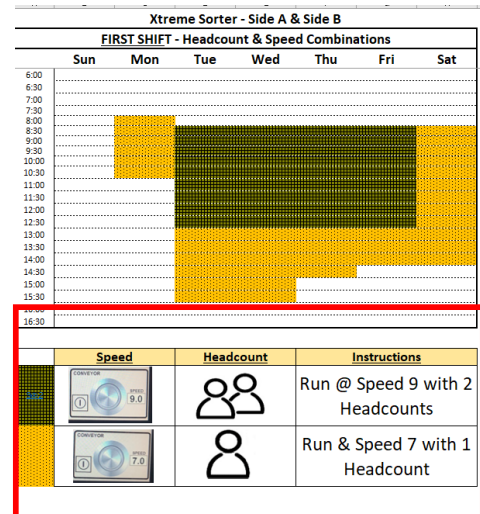
- Cost saving from less hours with hourly wages
- Improved PIM
- Flexibility of Staffing for OMs

Question 19

What benefits do you think this visual instruction can provide?

Answer:

This visual instruction will provide operation team with a clear schedule to allocate different combination (speed and headcount) from the study.





Question 20

How do you set up an action plan with steps in this example?

Answer:

- Run pilot with a short period of time
- Evaluate results
- Expand to network



THANK YOU

Contact

Mehmet Gur

Sr. Director Operations Engineering

+1 562 4781507

+1 415 4088386

Mehmet.Gur@dhl.com