

ACME Fulfillment Stream

Current State : SKU 918

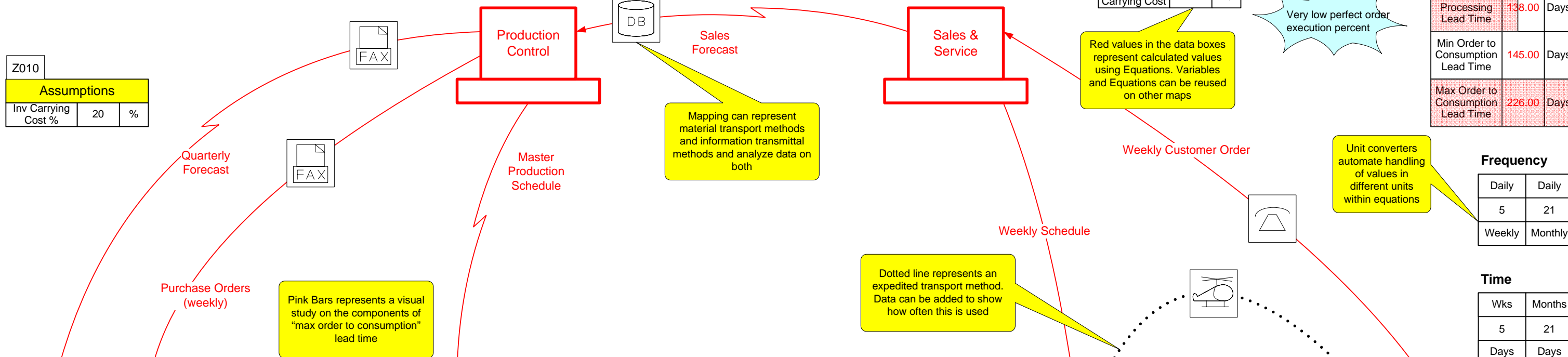
Note : This map was developed after attending the LEI workshop : Lean Fulfillment Stream and in anticipation of the new workbook in this area authored by Robert Martichenko. eVSM has an on going target of supporting electronic drawing/analysis of the maps and related visuals in LEI's workbooks

Z1010 Assumptions		
Inv Carrying Cost %	20	%

Z2020 Inventory		
Total Inventory	88.00	Days
Total Value Of Inventory	2750.00	K\$
Total Inv Carrying Cost	550.00	K\$

Z2040 Order Execution		
Overall Perfect Order Execution	9.14	%

Z2030 Time		
Min Processing Lead Time	57.00	Days
Max Processing Lead Time	138.00	Days
Min Order to Consumption Lead Time	145.00	Days
Max Order to Consumption Lead Time	226.00	Days



A010 Suppliers		
Min Order To Ship Time	10	Wks
Max Order To Ship Time	18	Wks
Inventory	15	Days
Inventory Value Per Day	2	K\$
Value Of Inventory	30.00	K\$
Inv Carrying Cost	6.00	K\$

A020 Inbound Logistics		
Min Transit Time	1	Days
Max Transit Time	3	Days
Inventory	5	Days
Inventory Value Per Day	2	K\$
Value Of Inventory	10.00	K\$
Inv Carrying Cost	2.00	K\$

A030 Yard & Receiving		
Min Yard to Line Time	1	Days
Max Yard To Line Time	15	Days
Inventory	15	Days
Inventory Value Per Day	4	K\$
Value Of Inventory	60.00	K\$
Inv Carrying Cost	12.00	K\$

A040 Shipping Operations		
Min EndOfLine to Ship	0	Days
Max EndOfLine to Ship	6	Days
Inventory	3	Days
Inventory Value Per Day	50	K\$
Value Of Inventory	150.00	K\$
Inv Carrying Cost	30.00	K\$

A050 Interplant Logistics		
Min Transit Time	1	Days
Max Transit Time	6	Days
Inventory	3	Days
Inventory Value Per Day	50	K\$
Value Of Inventory	150.00	K\$
Inv Carrying Cost	30.00	K\$

A060 Distribution Centers		
Min Processing Time	2	Days
Max Processing Time	7	Days
Inventory	30	Days
Inventory Value Per Day	50	K\$
Value Of Inventory	1500.00	K\$
Inv Carrying Cost	300.00	K\$

A070 Outbound Logistics		
Min Transit Time	1	Days
Max Transit Time	5	Days
Inventory	2	Days
Inventory Value Per Day	50	K\$
Value Of Inventory	100.00	K\$
Inv Carrying Cost	20.00	K\$

A080 Customer		
Min Processing Time	1	Days
Max Processing Time	6	Days
Inventory	15	Days
Inventory Value Per Day	50	K\$
Value Of Inventory	750.00	K\$
Inv Carrying Cost	150.00	K\$

Batch Size	4000	Units
Min Order Qty	1000	Units

Order Frequency	1	Monthly
Delivery Frequency	1	Monthly

Standard Pack Size	250	Units
Delivery Frequency	4	Monthly

Avg Shipment Size	100	Units
Batch Size	100	Units

Avg Shipment Size	100	Units
Delivery Frequency	2	Monthly

Min Order Qty	250	Units
Planned Order Frequency	1	Weekly

Avg Shipment Size	250	Units
Delivery Frequency	1	Monthly

Standard Pack Size	1	Units
Consumption	50	Daily

Perfect Order Execution	69.19	%
Right Qty [Fill Rate]	85	%
Right Product [SKU]	96	%
Right Place [Destination]	96	%
Right Time [In Window]	96	%
Right Quality [Defects]	92	%

Perfect Order Execution	79.81	%
Right Qty [Fill Rate]	97	%
Right Product [SKU]	97	%
Right Place [Destination]	94	%
Right Time [In Window]	96	%
Right Quality [Defects]	94	%

Perfect Order Execution	80.25	%
Right Qty [Fill Rate]	98	%
Right Product [SKU]	98	%
Right Place [Destination]	98	%
Right Time [In Window]	87	%
Right Quality [Defects]	98	%

Perfect Order Execution	85.71	%
Right Qty [Fill Rate]	100	%
Right Product [SKU]	98	%
Right Place [Destination]	98	%
Right Time [In Window]	92	%
Right Quality [Defects]	97	%

Perfect Order Execution	75.62	%
Right Qty [Fill Rate]	98	%
Right Product [SKU]	97	%
Right Place [Destination]	91	%
Right Time [In Window]	94	%
Right Quality [Defects]	93	%

Perfect Order Execution	67.98	%
Right Qty [Fill Rate]	85	%
Right Product [SKU]	99	%
Right Place [Destination]	96	%
Right Time [In Window]	85	%
Right Quality [Defects]	99	%

Perfect Order Execution	79.81	%
Right Qty [Fill Rate]	97	%
Right Product [SKU]	97	%
Right Place [Destination]	94	%
Right Time [In Window]	96	%
Right Quality [Defects]	94	%

Perfect Order Execution	58.65	%
Right Qty [Fill Rate]	84	%
Right Product [SKU]	96	%
Right Place [Destination]	92	%
Right Time [In Window]	85	%
Right Quality [Defects]	93	%

100% perfect order execution would be a full circle

This value comes from multiplying all the "Right" values

Large Batch Size -> Large Inventory

Infrequent shipments

5 to 15 trucks a day. Large variance

Low Fill Rates

Poor visibility of shipments. Unexpected truck arrivals

Rarely deliver a full order to customer