

Best Can Do Visibility**Input 1 - MPS loading or Customer demand**

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MPS	On hand	wk1	wk2	wk3	wk4	wk5	wk6	wk7	wk8	wk9	wk10
P1	200	777	164	877	570	664	644	588	832	161	219
P2	100	165	886	552	812	345	351	325	962	926	577
P3	300	237	31	771	959	176	54	192	492	742	655

Input 2 - BOM Matrix & Inventory status - On hand + On order

BOM matrix	P1	P2	P3	On hand	On order - confirmed									
PN000001	1	1	1	1,777	2,000		500	5,000	600	3,000			300	0
PN000002	0	0	1	1,313		1,000	1,000	800	0	0	300	0	0	0
PN000003	1	2	0	1,456	800	500	2,000	3,000	500	1,500	8,000	0	1,000	0
PN000004	1	0	0	1,576		0	2,000	500	900	300	0	0	0	0
PN000005	0	0	1	1,558		300	0	2,000	0	0	0	0	0	0
PN000006	0	2	2	1,500	2,000	500	2,000	3,000	9,000	0	1,200	2,000	0	7,000

Output 1 - Best can support by components inventory = on hand + on order

BOM matrix	wk1	wk2	wk3	wk4	wk5	wk6	wk7	wk8	wk9	wk10
PN000001	3,777	3,777	4,277	9,277	9,877	12,877	12,877	12,877	13,177	13,177
PN000002	1,313	2,313	3,313	4,113	4,113	4,113	4,413	4,413	4,413	4,413
PN000003	2,256	2,756	4,756	7,756	8,256	9,756	17,756	17,756	18,756	18,756
PN000004	1,576	1,576	3,576	4,076	4,976	5,276	5,276	5,276	5,276	5,276
PN000005	1,558	1,858	1,858	3,858	3,858	3,858	3,858	3,858	3,858	3,858
PN000006	3,500	4,000	6,000	9,000	18,000	18,000	19,200	21,200	21,200	28,200

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Output 2 - Demand split % by product

Product	wk1	wk2	wk3	wk4	wk5	wk6	wk7	wk8	wk9	wk10
P1	66%	15%	40%	24%	56%	61%	53%	36%	9%	15%
P2	14%	82%	25%	35%	29%	33%	29%	42%	51%	40%
P3	20%	3%	35%	41%	15%	5%	17%	22%	41%	45%

Output 3 - Component Usage Uniqueness

BOM matrix	P1	P2	P3
PN000001	33%	33%	33%
PN000002	0%	0%	100%
PN000003	50%	50%	0%
PN000004	100%	0%	0%
PN000005	0%	0%	100%
PN000006	0%	50%	50%

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Output 4- Coponents allocation % per demand split % by components usage

Product	P1	P2	P3
PN000001	66%	14%	20%
PN000002	0%	0%	100%
PN000003	82%	18%	0%
PN000004	100%	0%	0%
PN000005	0%	0%	100%
PN000006	0%	41%	59%

Output 5- Best can do in wk1 (FG on hand excluded)

Product	P1	P2	P3
PN000001	2,489	529	759
PN000002	X	X	1,313
PN000003	1,861	198	X
PN000004	1,576	X	X
PN000005	X	X	1,558
PN000006	X	718	1,032
Best can do	1,576	198	759

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