

Planning Reimagined: Implementing Excellor with Leading Planning Performances in 3 Days and Minimum Costs

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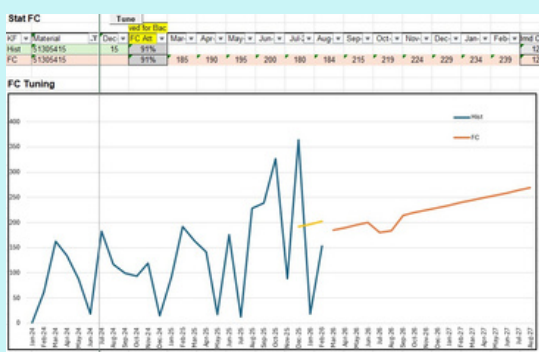
Executive Summary

Bloated inventories, inventory imbalances, delayed customer orders, and rising costs are not isolated challenges. They are symptoms of a broken planning process. With no risk and minimum startup cost, you can count on P3 Star Inc. to implement or sharpen the planning process and drive significant forecast improvement with optimal supply chain execution in a matter of days.

P3 Star's advisors are planning experts with combined 50+ years of experience in designing and implementing Advanced Planning Systems such as APO, IBP, Kinaxis, etc. Even for companies that can afford these cost-prohibitive tools, a full implementation often takes months or years, with more challenges afterwards from inadequate planning resources. Excellor eliminates these costs, complexity, and wasted time and effort of traditional APS platforms by delivering enterprise-grade planning capabilities and performance at lightning speed. Your internal planners can be up and running with best-practice inventory management processes.

"Fragmented system and lack of planning capabilities and expertise make reliable demand generation nearly impossible. Excellor fundamentally boosted Demand Forecast capabilities and ultimately reduced inventory by over 50% while improving on-time deliveries to customers by 35 % and achieving peak revenue and customer satisfaction"
— Universal Instruments Corporation

Augmented with AI, Excellor is the flagship planning platform designed for excellent process and performance. It consists of Excellor Demand, Excellor Supply, and Excellor Allocation.



Statistical Tuning, at your finger tips

Material	FC Acc	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
51305434	101%	81	81	81	81	81	81	81	81	81	81	81	81	81	81
44426606	99%	61	61	61	61	61	61	61	61	61	61	61	61	61	61
0740C-0201	100%	0	0	0	33	0	0	0	0	33	0	0	0	0	33
00000302	99%	1	1	168	8	26	1	0	0	1	74	0	0	0	0
49742801	99%	30	30	30	30	30	30	30	30	30	30	30	30	30	30
51436801	100%	27	27	27	27	27	27	27	27	27	27	27	27	27	27
52629601K	100%	12	12	12	12	12	12	12	12	12	12	12	12	12	12
50445601	100%	1	0	1	0	1	0	1	0	1	0	1	0	1	0
1031A-0103	99%	35	35	36	37	38	39	39	40	41	42	43	43	43	43
51305409	100%	35	0	1	47	1	0	0	27	0	17	0	13	0	13
42740613	100%	9	0	9	0	9	0	9	0	9	0	9	0	9	0
0935A-0010	99%	4	5	5	5	5	6	6	6	6	6	6	7	7	7
49536301	100%	5	5	5	5	5	5	5	5	5	5	5	5	5	5
51234112	100%	1	1	3	6	6	49	17	8	0	5	22	1	0	1
51573401	100%	6	4	2	1	2	3	9	14	12	13	2	4	0	4
50054458	100%	8	14	6	8	4	4	9	7	7	3	0	2	0	2
50885703	100%	0	0	0	0	0	0	0	0	0	0	0	3	0	0
M3308-TFHS-BZ	100%	0	0	0	0	0	0	0	0	0	2	0	0	2	0
51423602	100%	9	9	9	9	9	9	9	9	9	9	9	9	9	9
49314001	100%	5	4	3	8	1	3	1	0	6	0	2	8	0	8
104C-034	100%	0	5	0	5	0	5	0	5	0	5	0	5	0	5
48126915	100%	0	13	3	3	3	1	0	8	0	1	0	5	0	5
50833845	100%	1	4	1	11	2	0	1	7	3	1	6	1	0	1

Materials showing excellent forecast performances auto tuned with best-fit models

Excellor Demand: Generating the best possible forecast

Demand forecast and planning is often a broken process generating inaccurate demand - source of imbalanced inventories in your supply chain network. Excellor Demand delivers a full range of statistical forecast capabilities found in leading enterprise APS platforms, wrapped in an intuitive, planner-friendly interface that requires little technical expertise. Its planning platform allows stakeholders to collaborate seamlessly, collect market intelligence and ultimately generate the best consensus forecast.

- Built-in forecasting models include Triple Exponential Smoothing, Linear, Intermittent, and Moving Average, with automatic best-fit, optimal history horizon tuning, and outlier flagging
- Planners can review, tune, and finalize forecasts in just a few clicks
- Demand Collaboration automatically merges statistical forecasts with manually inputted market intelligence, yielding final consensus demand, ready to pass directly into the next planning phase or MRP

Excellor Supply: Generating optimal supply chain execution strategies

After the best possible demand is generated, supply planning is the next step in translating the demand into execution plans: purchase orders, production orders, etc. Important parameters and decisions are incorporated in this process, such as inventory planning strategy, safety stock, lead time, lot size, etc. Excellor Supply automates these complicated decision tasks and proposes these parameters to feed into your MRP, generating best execution plans.

- Propose optimal inventory planning strategy
- Calculate Safety Stock and Reorder Point settings using built-in models that account for demand variation, forecast error, and supply variability
- Simulate and predict inventory levels

Excellor Allocation: Optimally and automatically distribute Demand/Supply plans

Your optimal demand or supply are often at aggregated levels. They need to be distributed to lower levels such as customers, warehouses, or plants for execution. This step is generally a time-consuming and complex process called Allocation. Excellor Allocation automates these processes by generating detailed plans with most often encountered allocation scenarios and strategies, ultimately improving on-time delivery, minimizing stockouts, and maximizing revenue.

- Handle common allocation scenarios across customers, warehouses, distribution centers, and retail stores with built-in logic that can be configured to meet any unique business requirements
- Automate allocation process steps with little or no manual intervention in generating final detailed plans

Ready to transform your planning? Contact P3 Star Inc. today to schedule a no-obligation consultation and see Excellor in action.

