

Demand Planning & Supply Chain Intelligence

Align Demand, Inventory and Production.

Turn orders, sales, inventory, costs, manufacturing orders and supplier performance into a coordinated plan—with your experts in control.

A REPEATABLE FOUNDATION. CUSTOMIZED BY YOUR EXPERTS.

One Planning Foundation Across Your Systems

Neuclon builds the connected data foundation, planning tools, analytics and approval workflows. Process Owners and Subject Matter Experts customize views, rules, scenarios and agents in natural language, within IT's permissions and guardrails.

CONNECT

Unify ERP, CRM, MES, WMS and procurement data: orders, stock, multi-level BOMs, routings, capacity and supplier history.

PREDICT & OPTIMIZE

Model demand and lead-time variability. Balance service, inventory and cost; compare constrained supply scenarios.

APPROVE & ACT

Prioritize shortages and bottlenecks. Review replenishment and schedule proposals, approve changes and track outcomes.

Support the Full Planning Lifecycle

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|-----------|-----------------------|---|
| 01 | SENSE DEMAND | Forecast by product, customer and plant; translate demand through BOMs. |
| 02 | SIZE INVENTORY | Tune safety stocks and reorder levels to variability and service targets. |
| 03 | PLAN SUPPLY | Assess supplier delivery, quality and lead times; compare alternatives. |
| 04 | SCHEDULE | Use finite material, machine and labor capacity; replan in Gantt views. |
| 05 | IMPROVE | Compare what-if plans, review exceptions and learn from actual results. |

APP ECOSYSTEM



ERP · CRM · MES · WMS
Procurement · SQL · APIs

Solution scope: configure and validate forecasting, optimization and scheduling for each deployment. Integrations depend on APIs, permissions and data readiness. App logos identify third-party products, not endorsements.

Built Around the People Who Own the Plan

Start with one plant or product family. Agree the baseline, service guardrails and review cadence; expand after validating results.

PERSONA & USE CASE	EXAMPLE SUCCESS METRIC ¹
Demand Planner Blend orders, sales and pipeline; model seasonality and forecast at product and customer level.	Forecast Error (WAPE) 25% → 20% 20% less error
Inventory Manager Set stock policies across locations and components while protecting the agreed service level.	Average Inventory Value \$10M → \$8.5M 15% reduction
Procurement Manager Flag unreliable lead times, evaluate supplier risk and coordinate recovery or alternate supply.	Supplier On-Time Delivery 85% → 93% +8 percentage points
Production Planner Sequence work around materials, machines, labor and changeovers; revise plans when constraints shift.	Schedule Adherence 75% → 90% +15 percentage points
Supply Chain Director Compare cost, capacity and service scenarios; approve a cross-functional demand and supply plan.	On-Time In-Full Delivery 90% → 95% +5 percentage points

¹ Illustrative targets, not customer results or guarantees. Match periods and product mix; hold service targets constant. WAPE = sum of absolute forecast errors ÷ sum of actual demand; assess at a fixed forecast horizon.

Make the Business Case Measurable

\$1.5M

WORKING CAPITAL RELEASE

\$240K

ANNUAL GROSS BENEFIT

100%

ILLUSTRATIVE ANNUAL ROI

Model: \$10M inventory × 15% reduction = \$1.5M released. At a 12% avoidable annual carrying-cost rate = \$180K savings; \$300K expedite spend × 20% reduction = \$60K. Total annual benefit = \$240K. Less \$120K annual all-in cost = \$120K net benefit; ROI = \$120K ÷ \$120K = 100%.

Illustrative full year at target, excluding ramp-up. Costs include software, implementation, training and operation; not a quote. Capital release is excluded from ROI. Validate avoidable costs; at 50% benefit realization, ROI is 0%.

Your Experts Define the Next Improvement.
“Replan next week for a three-day supplier delay and compare service and cost.”