INSIGHT WORKS

ENHANCED PLANNING PACK

for Microsoft Dynamics 365 Business Central

★★★★★ **5.0 on Microsoft Marketplace** · **Over 1,000 Installs**



SUPERCHARGE BUSINESS CENTRAL WITH A SET OF APPS TO OPTIMIZE YOUR PROCESSES AND GIVE YOU MORE VISIBILITY INTO FORECASTS AND OPERATIONS.

Six planning, forecasting, and production analysis tools for Business Central, licensed together per company.

Enhanced Planning Pack is an Insight Works bundle for Business Central that brings demand forecasting, inventory planning parameters, purchase planning, bill of material analysis, and production analysis into one subscription. Five of its six tools (Enhanced Planning Worksheet, Item Planning Review, Enhanced Forecasting Worksheet, Multi-Level BOM Viewer, and Routing Analysis) are also sold on their own; Production Order Analysis is available only through the pack. The pack plans and forecasts. It does not schedule or execute production or shipments.

Why it holds up in planning

Planning from one worksheet. Enhanced Planning Worksheet plans purchases and production by SKU, with FactBoxes for Planning Summary, Availability by Location, and Vendor Planning Summary, so a planner sees supply and demand without paging through Business Central.

Less planning noise. Calculate Purchase Plan works from net new demand and reorder points or a maximum quantity. It is built to avoid the reschedule and cancel messages that regenerative planning produces for nearly every adjustment.

Forecasts that change the plan. Enhanced Forecasting Worksheet sends sales history to Microsoft's Azure AI forecasting model, then pushes the result into the Demand Forecast tables or into planning parameters through user-defined formulas.

Parameters tuned against actual usage. Item Planning Review calculates average usage by item and location over a period you choose, and lets a planner edit reorder points, safety stock, and maximum inventory inline, against that usage.

The structure behind the demand. Multi-Level BOM Viewer shows a bill of materials as a hierarchy or tree, with supply and demand per component and feasibility checks that flag potential shortages.

Variance you can see. Routing Analysis compares recorded operation times with a routing's expected times, and Production Order Analysis compares actual and expected cost across material, labor, and subcontracting.

Who's on it

Inventory controllers
Manage stock levels, calculate safety stock, and adjust reorder points against forecast and usage.

Purchasing managers
Plan purchasing with vendor minimum prepaid amounts and spending patterns in view.

Production managers
Manage schedules, tune inventory, and review manufacturing process efficiency.

Supply chain analysts
Study supply and demand trends, examine vendor relationships, and plan purchasing.

Operations managers
Align expected operation times with actual shop floor times and manage capacity.

Free to install and evaluate. Enhanced Planning Pack installs at no cost from Microsoft Marketplace, so you can try it in a sandbox before committing to production.

Backed by over 800 resellers. Insight Works works through a global network of more than 800 Business Central resellers who can help consult, implement, and support a deployment. **See the Insight Works reseller directory**.

ENHANCED PLANNING PACK for Microsoft Dynamics 365 Business Central

ENHANCED PLANNING WORKSHEET

- SKU-based purchase and production planning worksheet; items must be set up with stockkeeping units
- FactBoxes: Planning Summary, Availability by Location, Vendor Planning Summary
- Tabs: Chart, Planning, Order Tracking, Supply/Demand, History, and Create Purchase Orders
- Calculate Purchase Plan: distribution-style replenishment, triggered by the reorder point or a maximum quantity for seasonal patterns

ITEM PLANNING REVIEW

- Calculates average usage over a specified period, by item and location
- Inline editing of reorder points, safety stock, and maximum inventory against that usage
- A manual, usage-based alternative or complement to the forecast worksheet

ENHANCED FORECASTING WORKSHEET

- Pushes Azure AI forecasts into the Demand Forecast tables, or into planning parameters through user-defined formulas
- Needs posted sales history for each item being forecast

MULTI-LEVEL BOM VIEWER

- Hierarchical and tree-diagram views of a bill of materials
- Supply and demand per component; feasibility checks flag potential shortages
- BOM costing with export, and inline editing of the BOM structure

ROUTING ANALYSIS

- Compares operation times on finished production orders with the routing's expected times
- Reports a standard deviation per operation, so an inconsistent process shows up even when its average looks acceptable
- Operation times can be corrected in place

PRODUCTION ORDER ANALYSIS

- Compares actual and expected production order cost across material, labor, and subcontracting
- Sales margin calculations tied to linked sales orders, in one worksheet
- Available only through the pack

WHERE IT STOPS

- Plans and forecasts; it does not schedule or execute production or shipments
- Calculate Purchase Plan suits reorder-point-driven replenishment; date-phased, dependent-demand planning still relies on Business Central's regenerative plan, and Calculate Purchase Plan does not detect timing conflicts the way regenerative planning does
- Forecasting depends on Microsoft's Azure AI model and on posted sales history

BUSINESS CENTRAL LICENSING

- Insight Works licensing: subscription, one license per company, not per user
- Microsoft licensing is separate: supports Essential and Premium user licenses
- Five of the six tools are also sold on their own; Production Order Analysis is available only through the pack

INTEGRATION & INSTALLATION

- Installs from Microsoft Marketplace like any other Business Central extension
- On Business Central 18 and newer, assign two foundational permission sets to all users; the knowledge base lists the full permission set table
- Integration events let developers extend forecast data collection, preparation, execution, and planning value calculation

PREREQUISITES & COMPATIBILITY

- Business Central Cloud and Business Central On-Premises
- Native Sales and Inventory Forecast configured for the forecasting tool
- Language: English. Available in all countries where Business Central is accessible

SUPPORT & RESOURCES

- Knowledge base at kb.dmsiworks.com: install guide, user guide, expression evaluator, and release notes
- Resellers in the Insight Works network can help consult, implement, and support a deployment

DATA & PORTABILITY

- Forecast results land in Business Central's standard Demand Forecast tables and on the item's Planning FastTab
- Forecasting sends sales history to Microsoft's forecasting service and returns the results to the worksheet

ALSO FROM INSIGHT WORKS

Insight Works builds 30+ apps for Microsoft Dynamics 365 Business Central, concentrated in these areas of manufacturing and distribution. If Business Central has a gap, there's a good chance we already have a solution.

Warehouse & Inventory Management
Barcode-driven receiving, put-away, picking, cycle counting, and license plate handling.

Shipping & Fulfillment
Carrier rate shopping, pick-to-ship execution, and shipment tracking.

Quality Control & Compliance
Inspections, test management, and quality documentation.

Production Planning & Scheduling
Capacity-aware scheduling, planning worksheets, and demand forecasting.

Shop Floor Execution & Maintenance
Shop floor data capture, machine maintenance, and production analysis.

Point of Sale & Data Tools
Counter sales, document attachment, label printing, and bulk data import/export.

See all Insight Works apps for Business Central

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