INSIGHT WORKS

PRODUCTION ORDER ANALYSIS

for Microsoft Dynamics 365 Business Central



MONITOR ACTUAL VS. EXPECTED PRODUCTION COSTS TO OPTIMIZE BUDGETS AND ENHANCE PROFITABILITY.

One worksheet that compares actual and expected cost across production orders, with sales margin where an order links to a sales order.

Production Order Analysis is a Business Central extension that compares actual against expected cost on production orders, breaks the difference down across material, labor, and subcontracting, and calculates a sales margin where the production order is linked to a sales order. It is one of the components of the Enhanced Planning Pack, and it is delivered through that pack rather than sold on its own.

Why it holds up

Many production orders, one worksheet. Business Central's own cost reports work one order at a time. This worksheet reviews and compares multiple production orders in one place, so managing cost becomes a scan and a sort instead of a batch of report runs.

Variance that points at a cause. The difference between actual and expected cost is broken out across material, labor, and subcontracting, with the consumption and capacity cost detail behind it, so an overrun leads to a cost category and not just a total.

Margin beside cost. Where a production order is linked to a sales order, the worksheet calculates a sales margin, so the question moves from what the order cost to whether it earned its keep.

A summary you choose. Units, actual costs, expected costs, cost variances, and sales margins are selected rather than fixed, so a cost accountant and an operations manager can each read the columns they need from the same data.

Built on what Business Central already posts. The worksheet works from posted entries, so there is no export, data warehouse, or separate reporting layer to maintain.

Calculated on demand, with the timing stated. Actual cost exists once consumption, output, and capacity are posted, and variance is final once the order is finished and cost adjustment has run. The worksheet is as current as the shop's posting.

Who's on it

Production managers
Watch cost while the work is still running, and adjust when a variance appears.

Cost accountants
Use the material, labor, and subcontracting breakdown for cost allocation and margin analysis.

Operations managers
Read cost across orders to make resource and process decisions.

Financial analysts
Use the margin calculation to see how production orders actually performed.

Business Central partners & consultants
Diagnose a client's cost problems and recommend changes.

Free to install and evaluate. Production Order Analysis comes with the Enhanced Planning Pack, which 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**.

PRODUCTION ORDER ANALYSIS

for Microsoft Dynamics 365 Business Central

COST COMPARISON

- Actual against expected cost compared per production order, with the variance shown rather than left to be worked out
- Variance broken down across material, labor, and subcontracting
- Consumption and capacity cost detail behind that breakdown
- Multiple production orders reviewed and compared in one place, consolidated in a single worksheet

SALES MARGIN

- Calculated automatically where the production order is linked to a sales order
- Depends on that link: output that goes to stock and is sold later has no linked order, so no margin appears
- Cost and margin side by side on the same worksheet

CONFIGURABLE SUMMARY

- Select which summary elements appear: units, actual costs, expected costs, cost variances, and sales margins
- The layout is chosen by the user rather than fixed, so one worksheet serves cost accounting and operations

WHERE THE NUMBERS COME FROM

- Posted consumption, output, and capacity entries; actual cost exists once those are posted
- Calculated on demand when the worksheet is opened, not streamed
- Variance is final once the production order is finished and the cost adjustment routine has run

WHERE IT STOPS

- It reports on cost; it does not control it. Nothing here changes a standard, a routing time, or a BOM quantity
- Not a cost accounting or allocation engine: no reclassification, settlement, or parallel posting
- Does not plan, forecast, schedule, or analyze routing time variance
- Overhead absorption method, formal cost allocation, and multi-currency handling are not described in the source material

BUSINESS CENTRAL LICENSING

- Subscription, licensed per company
- Delivered only as part of the Enhanced Planning Pack; not sold separately
- Supports Essential User and Premium User Business Central licenses; Team Member licenses are not listed as supported
- Free to install and evaluate through the Enhanced Planning Pack listing on Microsoft Marketplace; evaluation typically happens in a sandbox before production

INTEGRATION & INSTALLATION

- Installs through the Enhanced Planning Pack from Microsoft Marketplace like any other Business Central extension
- Native to Business Central; works from posted value and capacity entries with no export, data warehouse, or reporting layer

PREREQUISITES & COMPATIBILITY

- Business Central Cloud or On-Premises
- English language only
- Needs production orders with posted consumption, output, and capacity to compare; the margin needs production orders linked to sales orders

SUPPORT & RESOURCES

- Documentation for the Enhanced Planning Pack is in the knowledge base at kb.dmsiworks.com

DATA & PORTABILITY

- Works from Business Central's own posted entries and production order data, with no export or separate data store required
- Reports only: it does not alter standards, routings, or BOMs

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.

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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

VISIT WEBSITE

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