

Enhance your business process using DSVC powered by Microsoft Dynamics NAV

NAV-DSVC: Solutions for Complicated Jewellery Manufacturing Challenges

Affordable Way to Manufacturing Excellence

Dynamics NAV-DSVC

(Design and Variant Price Calculation)

If you want your business to succeed we're here to help you.

We understand your business and speak your language.



DSVC

(Design and Variant Price Calculation)

Tightly integrates years of jewelry industry knowledge with powerful Dynamics NAV software. ERP business management tools combined with our jewelry-specific vertical provide innovative solutions for all issues including costing and pricing. Demand a low total cost implementation without the hassle and expense of multiple systems integration.

Gain better business insight with Microsoft Dynamics NAV

Manage your business confidently with quick access to critical operational and financial data

Accurate information about business operations is an essential requirement for business success, especially in challenging environments. It is important to deliver meaningful insight to individuals and teams across your organization. With access to real-time data and a wide range of analytical and reporting tools—including graphical displays, online analytical processing (OLAP) cubes, and Web-based delivery options—people can make informed, confident decisions that help drive business success.

Microsoft Dynamics NAV is a complete enterprise resource planning (ERP) solution for midsize organizations that rapidly adapts to the unique way you do business. By giving your people powerful business

intelligence capabilities with access to real-time data, you enable them to make more-informed, confident decisions that help drive business success.

Microsoft Dynamics NAV can:

- Help you gain better access to information with real-time insight into the revenue and profits you achieve from different products, different markets, or even individual customers.

- Provide you access to up-to-date information and powerful analysis and reporting tools, so employees can monitor performance, analyze trends, and spot potential problems before they occur.
- Integrate with familiar programs, such as Microsoft Office Excel, making it easy to access, analyze, and share information—without the need to juggle applications.
- Drive strategic decisions with the right information. With built-in tools managers can create 360-degree views of business performance, create and view graphical displays and reports, and analyze detailed information.

Infostar Business Solutions is a Microsoft Gold Certified Partner responsible for the development of DSVC (Design and Variant Price Calculation), a jewelry-specific vertical solution that fully integrates with the Microsoft Dynamics NAV ERP platform. Infostar focuses exclusively on the jewelry industry providing customers with experience in the day-to-day operation of manufacturing, wholesale, and retail companies of all sizes. Our business is jewelry and we're proud that Infostar is the top listed total jewelry solution partner within the Microsoft Partner Program as per the Microsoft Solution Finder.

Microsoft Dynamics NAV enables more productive people and processes

Enhance collaboration and connect people to process to reach new levels of productivity

Do you want to improve collaboration while helping people to work faster and smarter across your organization? Microsoft Dynamics NAV provides an intuitive, familiar user experience and comprehensive set of business management tools that connect your people to the right process—and to each other—across departments, locations, and even multiple organizations.

Improve communication and collaboration throughout your organization

When people can more easily communicate and collaborate, they are more productive. Microsoft Dynamics NAV can help by:

- **Providing accurate and accessible information.** All data is stored in a single database and employees can easily drill down from all screens and access real-time information.

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- **Expediting information-sharing across multiple sites and teams.** Take advantage of

Windows SharePoint Services to bring information and functionality from Microsoft Dynamics NAV to your employees across locations.

- **Linking Microsoft Dynamics NAV records to relevant documents.** The Record Links feature in Microsoft Dynamics NAV enables you to link Microsoft Dynamics NAV records to relevant documents such as reports and spreadsheets. For example, you could link documents from Microsoft Office SharePoint Server or on a file server to a sales order or purchase order.

- **Connecting multiple organizations.** Many large or international organizations use Microsoft Dynamics NAV in their subsidiaries, in some cases integrating it with a central ERP system at their headquarters. As a result, these organizations can better share information, while enabling subsidiaries to work more effectively by using a familiar, highly adaptable solution built specifically for them.

DSVC was conceived in 2000 as the result of extensive collaboration through a partnership between Infostar and a prominent jewelry company.

After 3 years of development, Infostar launched DSVC as the first and only ERP solution tailored specifically to jewelry companies.

By integrating industry knowledge with the functionality of Microsoft Dynamics NAV, Infostar has developed DSVC on the requirements of multiple customers resulting in the most complete, flexible and reliable software solution in the market.

With full integration, DSVC consists of customizations to existing and newly developed Dynamics NAV modules by dedicated Infostar programmers and consultants. Our customers enjoy increased automation, error prevention, and top-down on-the-fly management reporting connecting every corner of their business.

Design

The core of DSVC begins with the fully customized Design module that integrates model specifications to determine real-time costs and weights for each item and each possible variant of that item. A unique speaking number details every component necessary for production and pricing: metal, colored stone, diamond, labor, and accessories. This information is also used to automatically generate a BOM and create purchase requisitions for components in shortage. Additionally, standard routing information is recorded in this module for use by production planners and sales managers.



Manufacturing



The flexible Manufacturing application area includes modules for the most common jewelry production steps and the ability to incorporate additional proprietary processes on-the-fly. Fully featured areas for model making, waxing and casting, subcontracting, and packing provide enhanced controls for managing tools and resources. A convenient all-in-one Location Journal area tracks the movement of all production orders through the pre-set routing plan while recording important information such as metal loss and stone breakage to assess the performance of each department, machine, and employee.

Boost the operational efficiency of any size company. Growing businesses can streamline their process by taking advantage of a simplified foundation that includes rapid visibility into WIP, and the ability to implement additional functionality as business needs become more complex.

Financial Management

Our standard features allow individual companies to conduct their organization's fiscal performance, meet business and regulatory requirements, and reduce the time and effort spent on accounting tasks. Group companies will benefit from flexible set-up options that reflect business practices and allow for consolidation of different charts of accounts into one merged company. DSVC integration between all application areas gives management and the accounting department an instant top to bottom overview and the ability to drill down into details ... all in real-time. Don't worry, all sensitive information is protected through a password protected security system that controls access rights to approved employees.



Sales and Marketing



With customer information, design variant costing, inventory details, and production capabilities at your fingertips, DSVC equips people in your organization to efficiently manage contacts and opportunities, while steering sales and building customer relationships that encourage loyalty. Instant pricing based on customer-specific mark-up formulas allow your staff to confidently quote clients and accept sales through an efficient individual or batch order process. With one system, your sales and marketing team has real-time access to all historical data with respect to the order and customer with modified alerts warning of potential red flags. Identify opportunities and track sales cycles with rich customer information management and reporting capabilities.

Purchasing

Automated purchase requisitions are transformed into grouped orders upon approval from manager as per limit levels giving your company secure financial transparency. Received finished goods, components, and even production tools are immediately reflected in the stock balance to optimize your cash flow and inventory balance. The integrated Financial module provides additional information about the fiscal position of the company and the historical financial relationship with all vendors. By streamlining common tasks and simplifying expense allocation, you will maximize your cash resources and strengthen critical business relationships.



Capacity Planning



The DSVC planning tool utilizes realistic plans according to all incoming demands and the standard capacity for each work center. The sophisticated tool allows planners to simulate the effect of new orders on current and future load. If the load is over the allowable capacity, the planner can then decide to assign overtime, change the routing for multiple orders, employ unused production tools, subcontract jobs, or change the due dates. Production overview filters allow management to view a snapshot of all Work In Progress and the location of all components to help manage customer expectations.

Inventory

The DSVC Inventory module connects inventory control, purchasing, and sales order processing with demand planning to help reduce costs, improve cash flow, and help ensure that you have the right stock available when you need it. DSVC will help your business improve customer satisfaction by making more accurate order promises and intelligent last-minute exceptions with access to up-to-the-minute inventory information. With integrated order, inventory, and distribution processes, as well as item tracking capabilities, your business can reduce manual data entry and reduce the time to market.



Optional



Metal Management module gives you greater control over metal accounts with customers and vendors. The customized tool was designed to work with facon purchases.

A Subcontracting Module enhances your relationship with vendors that require more complex costing, pricing, and metal exchange arrangements.

Infostar ERP ***NAV-DSVC***

Core Functional Overview Listing

Product Design & Price

Calculation

- Ⓢ Design Card & Sub Designs.
- Ⓢ Design Status (New, Model Making, In Production, Deactivated).
- Ⓢ Speaking Number Codes for Product, Surface, Colour Stones, Metal, Metal Colour, Plating, Diamonds & Accessory.
- Ⓢ Automatically generate new design variants using Speaking No. codes.
- Ⓢ Labour Costing.
- Ⓢ Recalculate Variants.
- Ⓢ Multiple metals or multiple tones.
- Ⓢ Model Parts.
- Ⓢ Print Design Card with image.
- Ⓢ Automatically Calculate Cost & Sales Price for each variant.
- Ⓢ Automatically create Stone & Diamond Cards.
- Ⓢ Automatically create BOM.
- Ⓢ Automatically create Routing from variant labour information.
- Ⓢ Design Standard Routing for Routing Card.
- Ⓢ Automatically create F/G Item from variants.
- Ⓢ Automatically Gross Wt. & Net Wt. Calculation.
- Ⓢ Print Price Breakup sheet on Variant.
- Ⓢ Price Lists for Colour Stones, Diamonds, Accessory, Labour in USD.
- Ⓢ Formulae & Pricing Code.
- Ⓢ Unit Costs & Prices in USD & LCY.
- Ⓢ Pricing by Collection, Alloy, and Product Type.
- Ⓢ Formulae & Markup Setup.
- Ⓢ Calculation Overview
- Ⓢ Periodic Updates to Price Lists & Formulae using Copy From.
- Ⓢ Link Correction between Speaking No. & Model Items.
- Ⓢ Update Prod. Order Components based on Design changes.

Sales & Marketing

- Ⓢ Customer details.
- Ⓢ DSVC Sales Price Codes for customers based on Metal & Collection Code.
- Ⓢ Sales Quotation.
- Ⓢ Sales Order Types (Normal, Facon, Repair, etc)
- Ⓢ Flexible Sales Order Types with different No. Series.

Sales & Marketing (cont...)

- Ⓢ Automatically Limit Credit checking
- Ⓢ Sales Order Status / Customer Order Details.
- Ⓢ Sales Order with Customer Item No. (Cross Reference No.)
- Ⓢ Sales Item Sticker Report
- Ⓢ Partial Shipments.
- Ⓢ Automatic DSVC Sales Price for design items and customer.
- Ⓢ Customer Stamp.
- Ⓢ Sales Order Approval.
- Ⓢ Automatic item reservations to FG or Prod. Orders.
- Ⓢ Metal Rates (Fixed, Daily or Standard)
- Ⓢ Sales Price Using Actual Metal Wt.
- Ⓢ Sales Price Using Actual Metal Rate.
- Ⓢ Sales Price Using Standard Price
- Ⓢ Sales Price Using Manual Price Entry.
- Ⓢ Sales Price Using Customer Sales Price
- Ⓢ Sales Price Breakup Sheet.
- Ⓢ Sales Discount Line.
- Ⓢ Create Max. Production Order Qty.
- Ⓢ Production Order Planning on Sales Orders.
- Ⓢ Automatic refresh FG item Weight.
- Ⓢ Refresh the Sales Unit Price on the lines.
- Ⓢ Sales Prepayment Invoice
- Ⓢ Customer Sales History.
- Ⓢ Sales Invoice Profit.
- Ⓢ Follow up with Production.
- Ⓢ Promised Delivery Dates.
- Ⓢ Customer Consignment
- Ⓢ Customer Order Details
- Ⓢ Posting Shipments & Invoices.
- Ⓢ Option to separate Metal Value on separate lines on the Sales Invoice.
- Ⓢ Undo Sales Shipment.
- Ⓢ Cancel Sales Orders.
- Ⓢ Sales Return & Credit Note.

Inventory Management

- Ⓢ Metal, Stone, Accessory, Store, F/G Item Card
- Ⓢ Item Properties
- Ⓢ Item Cross Reference No.
- Ⓢ 2 Units of Measurement (PCS,GR,CTS)
- Ⓢ Item Routing & Bill of Materials
- Ⓢ Cost methods (FIFO)
- Ⓢ Item Journals (Positive, Negative Adjustments, etc)
- Ⓢ Material Requirement Planning (MRP).
- Ⓢ Transfers Orders.

Inventory Management (cont...)

- Ⓧ Material Delivery (IN & OUT)
- Ⓧ Inventory by Variant, Location & Period.
- Ⓧ Physical Inventory / Stock Taking
- Ⓧ Replenishment Item System – Purchase & Prod. Orders.
- Ⓧ Purchase Requisitions with approval limits
- Ⓧ Item Pictures.
- Ⓧ Metal Room transfers (Acc./Solder/Wire)
- Ⓧ Inventory Valuation

Stone Room

- Ⓧ Stone Purchase
- Ⓧ Stone Conversion
- Ⓧ Stone Transfer
- Ⓧ Stone Issue/ Receive
- Ⓧ Stone Breakage / Exchange
- Ⓧ Stone Bagging.
- Ⓧ Breakage Report.

Purchase Order Management

- Ⓧ Vendors
- Ⓧ Purchase Quote/Order for Raw Materials.
- Ⓧ Purchase of FG items using Manual Price Entry.
- Ⓧ Outstanding Purchase Orders Reports.
- Ⓧ Purchase Receipts & Invoices
- Ⓧ Undo Purchase Receipt.
- Ⓧ Purchase Item Charges
- Ⓧ Returning Items for Repair at Vendor
- Ⓧ Purchase Returns & Credit Memo
- Ⓧ Purchase Prices and Discounts
- Ⓧ Purchase Line Discounts
- Ⓧ Purchase Prepayment
- Ⓧ Purchase Approval
- Ⓧ Purchase Dimensions
- Ⓧ Purchase Reservation
- Ⓧ Vendor Purchase History
- Ⓧ Vendor Consignment

Requisition Management

- Ⓧ Planning Parameters – Reorder Level, Reorder Qty., Lead Time, etc.
- Ⓧ Requisition Worksheet Journal
- Ⓧ Creating Purchase Orders from the Requisition Worksheet
- Ⓧ Calculating a Replenishment Plan from the Requisition Worksheet
- Ⓧ Material Shortage for Production Items.

Production Management

- Ⓧ Production Order No.
- Ⓧ Production Order Statuses
- Ⓧ Production Order Type (using different No. Series)
- Ⓧ Components from BOM.
- Ⓧ Routing from Item Routing.
- Ⓧ Production Stamp
- Ⓧ Automatically Stone & Acc Delivery Dates from POR Routing.

Production Management (cont...)

- Ⓧ Job Card & Stone Requisition Reports
- Ⓧ Backward and forward scheduling.
- Ⓧ Location Journal for job movements.
- Ⓧ Emp. Transactions.
- Ⓧ Dust & Scrap collection.
- Ⓧ Automatic posting of Capacity Journals during Location postings.
- Ⓧ Split & Merge Job Sheets.
- Ⓧ Manufacturing Cost from material consumptions.
- Ⓧ Job tracking/Production Overview
- Ⓧ Material in factory report.
- Ⓧ Material in WIP Report.
- Ⓧ WIP Stock Value Report.

Capacity Planning

- Ⓧ Master Production Scheduling.
- Ⓧ Based on the Prod. Order Routings.
- Ⓧ Shop working time, calendars and holidays.
- Ⓧ Capacity of Work Centers.
- Ⓧ Capacity Chart/Production Schedule
- Ⓧ Capacity Breakup Detail
- Ⓧ Daily /Weekly Balance Loading
- Ⓧ Manufacturing Job Plan Report.
- Ⓧ Employee efficiency report.
- Ⓧ Work Center efficiency report.
- Ⓧ Planning in MAN-HOURS and for Work Centers only.
- Ⓧ Load-balancing activities.

Model & Rubber Mold Making

- Ⓧ Model Making Job.
- Ⓧ Model Making Master Production Scheduling.
- Ⓧ Model Making Transaction.
- Ⓧ Model Making Status.
- Ⓧ Model Making History.
- Ⓧ Employee Performance.
- Ⓧ Period wise Job Analysis.
- Ⓧ Time Consumption Analysis.
- Ⓧ Product wise details.

Waxing & Casting Process

- Ⓧ Waxing & Casting Tree Details
- Ⓧ Gold Stock Mixing Job
- Ⓧ Gold Stock Casting Job
- Ⓧ Gold Stock Refining Job
- Ⓧ Automatically Post Consumption of metals during issue.
- Ⓧ Automatically Post Output during return.
- Ⓧ Return scrap and dust.
- Ⓧ Mixing, Casting, Refine Metal Loss Calculation

Rubber Mold & Wax Injection

- Ⓧ Rubber Mold Inventory Control.
- Ⓧ Wax Injection Transaction.
- Ⓧ Rubber Mold Expire Report.

Emp. Issue/Receive Transaction

- Ⓢ Job / Materials Tracking
- Ⓢ Metal Loss Calculation per Job
- Ⓢ Employee Performance.
- Ⓢ Automatically post consumption when issue to worker.
- Ⓢ Automatically post return item from worker to stock.
- Ⓢ Split & Merge Job for rework.
- Ⓢ Location Journal use to post job to next location when finished job.
- Ⓢ Exchange jobs between 2 employees.

Metal Loss Calculation

- Ⓢ Dust collection from workers and work-centers.
- Ⓢ Metal Loss by Production Location & worker.
- Ⓢ Weekly and Monthly loss calculation periods.
- Ⓢ Summary Metal Loss Report

Metal Management

- Ⓢ Metal Management Sales/Purchase
- Ⓢ Metal Customer/Vendor Card
- Ⓢ Facon Sales Orders
- Ⓢ Facon Purchase Orders
- Ⓢ Metal Delivery to Customer
- Ⓢ Metal Purchase Delivery
- Ⓢ Metal Receipt from Customer
- Ⓢ Metal Purchase Receipt
- Ⓢ Metal Sales/Purchase Invoice
- Ⓢ Metal Sales/Purchase Credit Memo
- Ⓢ Metal Balance.

Subcontracting Management

- Ⓢ Subcontract Transactions for Prod. Orders.
- Ⓢ Assign Labour Cost per Vendor group.
- Ⓢ Calc. Labour Price for Each Prod. Order
- Ⓢ Issue/Receive Materials to subcontractor
- Ⓢ Control Loss %.
- Ⓢ Subcontract Status – New, Issued, Received, Completed, Invoiced, Cancelled.
- Ⓢ Subcontract Summary for Payments.
- Ⓢ Automatically create Purchase Invoice from Subcontract Summary.

Quality Management

- Ⓢ Manufacturing QC
- Ⓢ Item QC Specifications
- Ⓢ Customer QC Specifications
- Ⓢ Sales Order QC Specifications
- Ⓢ Purchase QC
- Ⓢ QC for Consignment
- Ⓢ QC for Purchased Items
- Ⓢ Item QC Specifications
- Ⓢ Vendor QC Specifications

Quality Management (cont...)

- Ⓢ Purchase Order / Vendor Consignment
- Ⓢ QC Specifications
- Ⓢ QC Spec Report for items.
- Ⓢ Recording of OK, Reject & Repair.
- Ⓢ QC Result – PASS/FAIL.
- Ⓢ Vendor QC history
- Ⓢ Statistics for rework and repairs
- Ⓢ Return statistics
- Ⓢ Accept/Reject jobs

Human Resources

- Ⓢ Employee Card
- Ⓢ Payroll setup
- Ⓢ Management of loans
- Ⓢ Over Time Management
- Ⓢ Shift management
- Ⓢ Reports for follow-up, periodic reporting and decision support for management
- Ⓢ Attendance management
- Ⓢ Leave management
- Ⓢ Dynamic components of Salary.
- Ⓢ Weekly or monthly salary payments.
- Ⓢ Pay-slip
- Ⓢ Payroll posting to G/L.
- Ⓢ Manpower planning
- Ⓢ Recruitment
- Ⓢ On board
- Ⓢ Appraisal management
- Ⓢ Employee development
- Ⓢ Transfer
- Ⓢ Organization
- Ⓢ Travel management
- Ⓢ 360 degree
- Ⓢ Succession planning
- Ⓢ Statutory requirement
- Ⓢ Exit management

Financial Control & Accounting Systems

- Ⓢ Chart of Account
- Ⓢ Intercompany transactions
- Ⓢ Detailed budgets
- Ⓢ Account schedules
- Ⓢ Automatically transactions postings from Purchase & Sales based on the Posting Group Setup.
- Ⓢ Flexible multi-user environment
- Ⓢ Detailed audit trails
- Ⓢ Flexible accounting periods
- Ⓢ Foreign trade and currency management
- Ⓢ Purchase Payment System
- Ⓢ Sales and Receivables System
- Ⓢ Fixed Assets Management (Depreciation, Maintenance, Insurance)
- Ⓢ Inventory Management (Cost of WIP & Stock)
- Ⓢ Bank Account & Reconciliation
- Ⓢ Posting Groups
- Ⓢ VAT, WHT & Sales Tax.
- Ⓢ General Journals & Voucher prints.
- Ⓢ General Ledger

Financial Control & Accounting Systems (cont...)

- Ⓢ Multicurrency Operations
- Ⓢ Financial Reporting
- Ⓢ Financial Analysis Using Dimensions
- Ⓢ Multicompany Operations
- Ⓢ Customer Ledgers
- Ⓢ Vender Ledgers
- Ⓢ Bank Ledgers
- Ⓢ Reversal of Entries for correction
- Ⓢ Aging analysis

- Ⓢ Balance Sheet, Trail Balance, P&L Statement through Account Schedules.
- Ⓢ Closing of Fiscal Period

Others

- Ⓢ Integrated with MS Word & Excel
- Ⓢ Link any external files like image, pdf, etc with a record.
- Ⓢ Export to PDF or HTML
- Ⓢ BMP & JPG formats for images.
- Ⓢ Roles & Permissions.
- Ⓢ User Activity Registers & Change Logs
- Ⓢ Integration with MS CRM & MS office



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