

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.

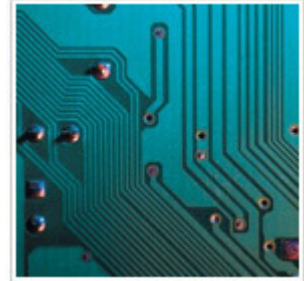
After 3 years of development, Infostar launched DSVC as the first and only ERP solution tailored specifically to jewelry companies.

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

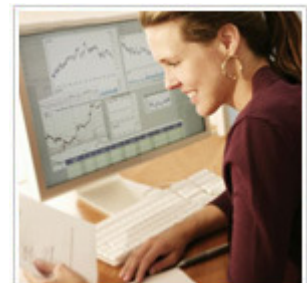


The flexible Manufacturing application area includes modules for the most common jewelry production steps and the ability to incorporate additional proprietary processes on-the-fly. Fully featured areas for model making, waxing and casting, subcontracting, and packing provide enhanced controls for managing 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 Design
- Ⓢ Design Status (New, Model Making, In Production, etc)
- Ⓢ Automatically Generate new design variants
- Ⓢ Labour Costing
- Ⓢ Multiple Metals
- Ⓢ Model Parts
- Ⓢ Automatically Calculate Cost & Sales Price for each variant
- Ⓢ Print Design Card
- Ⓢ Automatically create Stone & Diamond Cards
- Ⓢ Automatically create BOM
- Ⓢ Automatically create Routing
- Ⓢ Design Standard Routing
- Ⓢ Automatically create F/G Item
- Ⓢ Automatically Gross Wt. & Net Wt. Calculation
- Ⓢ Print Price Breakup sheet
- Ⓢ Formulae & Pricing Code
- Ⓢ Pricing by Collection, Alloy, Product Type
- Ⓢ Various Markup Setup
- Ⓢ Flexible Calculation Formulae
- Ⓢ Calculation Overview
- Ⓢ Sales Price Matrix
- Ⓢ Price Calculation Setup
- Ⓢ Periodic Updates to Price Lists & Formulae

Sales & Marketing

- Ⓢ Sales Quotation
- Ⓢ Sales Order Types (Normal, Facon, Repair Oder)
- Ⓢ Customer Order Import
- Ⓢ Automatically Limit Credit checking
- Ⓢ Sales Order Status / Customer Order Details
- Ⓢ Sales Order with Customer Item No.
- Ⓢ Sales Item Tag
- Ⓢ Partial Shipment
- Ⓢ Sales Production Order Capacity Type
- Ⓢ Automatically Sales Price Code
- Ⓢ Customer Stamp
- Ⓢ Sales Order Approval
- Ⓢ Sales Price Using Actual Metal Wt.
- Ⓢ Sales Price Using Actual Metal Rate
- Ⓢ Sales Price Using Standard Price

Sales & Marketing (continues)

- Ⓢ 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.
- Ⓢ Reservation
- Ⓢ Sales Prepayment Invoice
- Ⓢ Customer Sales History
- Ⓢ Sales Invoice Profit
- Ⓢ Follow up with Production
- Ⓢ Promised Delivery Date
- Ⓢ Customer Consignment

Inventory Management

- Ⓢ Metal, Stone, Accessory, Store, F/G Item Card
- Ⓢ Item Properties
- Ⓢ Vendor/Customer Cross Ref. No.
- Ⓢ 2 Base Unit of Measurement (Pcs, Grm., Cts)
- Ⓢ Item (Routing/Bill of Material)
- Ⓢ Cost methods (FIFO, LIFO, Std., Avg., Specific)
- Ⓢ Lot No. & Serial No.
- Ⓢ Material Requisition Preparing
- Ⓢ Transfers Order
- Ⓢ Inventory By Variant, Location, Period
- Ⓢ Physical inventory / Stock Taking
- Ⓢ Cycle counting
- Ⓢ Replenishment Item System
- Ⓢ Forecasting
- Ⓢ Master Production Scheduling
- Ⓢ Purchase Requisitions with approval limits
- Ⓢ Item Pictures
- Ⓢ Packing lists
- Ⓢ Packing Journal
- Ⓢ Available to ship report

Stone Room

- Ⓢ Stone Purchase
- Ⓢ Stone Conversion
- Ⓢ Stone Transfer
- Ⓢ Stone Issue/ Receive
- Ⓢ Stone Breakage / Exchange

Purchase Order Management

- ☉ Vendors Card
- ☉ Purchase Quote/Order
- ☉ Purchase Order Status
- ☉ Alternative Vendors
- ☉ Vendor Posting Groups
- ☉ Purchase Transactions
- ☉ Purchase Prices and Discounts
- ☉ Alternative Purchase Prices
- ☉ Individual Prices based on Price Agreement
- ☉ Using the Pricing Mechanism
- ☉ Purchase Line Discounts
- ☉ Purchase Prepayment
- ☉ Purchase Approval
- ☉ Purchase Dimensions
- ☉ Purchase Reservation
- ☉ Vendor Purchase History
- ☉ Vendor Consignment

Requisition Management

- ☉ Planning Parameters
- ☉ Requisition Worksheet
- ☉ Creating Purchase Orders from the Requisition Worksheet
- ☉ Calculating a Replenishment Plan from the Requisition Worksheet
- ☉ Purchase Item Charges
- ☉ Purchase Allowances
- ☉ Returning Items for Repair at Vendor
- ☉ Returns to Vendors for Credit Memo

Production Management

- ☉ Production Order No.
- ☉ Production Order Simulate
- ☉ Production Order Status
- ☉ Production Order Capacity Type
- ☉ Production Stamp
- ☉ Automatically Prod. Stone Delivery Date
- ☉ Automatically Prod. Accessory Delivery Date
- ☉ Job Card & Stone Requisition
- ☉ Finite, backward and forward scheduling
- ☉ Capacity Planning & Load Balancing
- ☉ Capacity Journals
- ☉ Split & Merge Job Sheets
- ☉ Manufacturing Cost
- ☉ Job tracking/Production Overview
- ☉ Simultaneously plans material, labor for each customer order.
- ☉ Immediate real-time Capable-to-Promise dates.
- ☉ Material in factory report

Capacity Planning

- ☉ Master Production Scheduling
- ☉ Capacity Chart/Production Schedule
- ☉ Capacity Breakup Detail
- ☉ Daily /Weekly Balance Loading
- ☉ Manufacturing Job Plan Report
- ☉ Employee efficiency report
- ☉ Work Center efficiency report

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 Productivity

Waxing & Casting Process

- ☉ Waxing & Casting Tree Details
- ☉ Gold Stock Mixing Job
- ☉ Gold Stock Casting Job
- ☉ Gold Stock Refining Job
- ☉ Automatically Post Consumption
- ☉ Automatically Post Output
- ☉ 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

Metal Loss Calculation

- ☉ Metal Loss by Production Location
- ☉ Summary Metal Loss Report

Metal Management

- ☉ Metal Management Sales/Purchase
- ☉ Metal Customer/Vendor Card
- ☉ Facon Sales Order
- ☉ 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
- ☉ Assign Labour
- ☉ Subcontract Summary
- ☉ Create Subcontracting Purchase Order

- ☉ Subcontract price group
- ☉ Calc. Labour Price for Each Prod. Order
- ☉ Subcontract Production Order
- ☉ Create Subcontracting Production Order
- ☉ Work center price setup
- ☉ Sub Contract Work Centers
- ☉ Balance load for subcontracting Job
- ☉ Issue Material to subcontractor
- ☉ Issue / Receive to subcontractor

Quality Management

- ☉ Manufacturing QC
- ☉ In process QC
- ☉ Final 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
- ☉ Purchase Order / Vendor Consignment QC Specifications
- ☉ Vendor history
- ☉ Statistics for rework and repairs
- ☉ Return statistics
- ☉ Accept/Reject Material

Human Resources

- ☉ Payroll information
- ☉ Historical data storage
- ☉ Management of loans
- ☉ Over Time Management
- ☉ Shift management
- ☉ Reports for follow-up, periodic reporting and decision support for management

Human Resources (continues)

- ☉ Attendance management
- ☉ Leave management
- ☉ 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

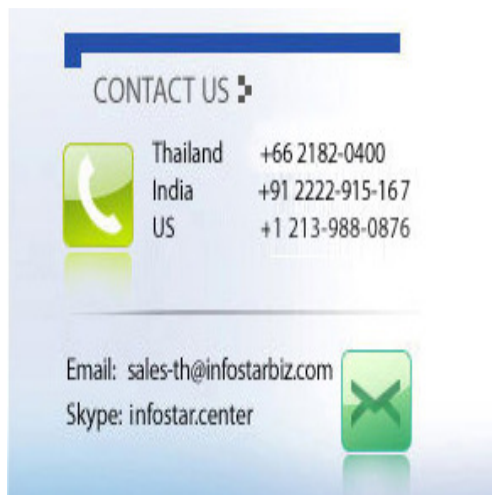
- ☉ Chart of Account
- ☉ Intercompany transactions
- ☉ Detailed budgets
- ☉ Account schedules
- ☉ Automatically transactions
- ☉ Flexible multi-user environment
- ☉ Detailed audit trails
- ☉ Intelligent transaction posting
- ☉ Flexible accounting periods
- ☉ Foreign trade and currency management
- ☉ 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 & Intrastat, XBRL
- ☉ Journals
- ☉ General Ledger
- ☉ Multicurrency Operations
- ☉ Financial Reporting
- ☉ Financial Analysis Using Dimensions
- ☉ Multicompany Operations
- ☉ Customer Ledgers
- ☉ Vender Ledgers
- ☉ Bank Ledgers
- ☉ Reserve of Entries for correction
- ☉ Aging Report
- ☉ Balance Sheet, Trail Balance, P&L Statement
- ☉ Closing of Fiscal Period

Business Reporting & Analysis

- Ⓢ Business Analytics
- Ⓢ Flexible information views
- Ⓢ Microsoft Office integration
- Ⓢ Employee Portal
- Ⓢ Customized reporting
- Ⓢ Dimension attributes
- Ⓢ OLAP cubes
- Ⓢ Record links
- Ⓢ Open Database Connectivity (ODBC)
- Ⓢ Integrated Development Environment (IDE)

Others

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



Sales & Manager Department

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For more information about Manufacturing in Microsoft Dynamics NAV,
Visit <http://www.microsoft.com/dynamics/en/us/industries/manufacturing.aspx>

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