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MICROSOFT DYNAMICS NAV

Microsoft Dynamics NAV is a complete enterprise resource planning (ERP) software solution for mid-sized organizations that is fast to implement, easy to configure, and simple to use. Right from the start, simplicity has guided, and continues to guide, innovations in product design, development, implementation, and usability.

PRINTVIS

PrintVis is the Microsoft-certified MIS built specifically for the print industry, directly embedded in Dynamics NAV. This powerful union creates a comprehensive solution to meet the most basic and advanced needs of any type or size of print company, from the first quote until the job is produced and delivered to the customer – including a complete financial package and robust business intelligence from Microsoft.

WHAT’S NEW?

Throughout 2017, the PrintVis team has been hard at work to bring you exciting new features and functionality which will both simplify - and amplify - your daily user experience.

We are pleased to share the highlights of what’s new in PrintVis 2018!
PROJECT MANAGEMENT

No matter what type of print business you run, you know that many jobs are not as simple as ‘quote, print, ship and invoice – done.’

Printers and related companies (such as design agencies) can easily spend an entire year on a single campaign - consuming hours, materials and other resources from multiple departments for the duration of the order.

With this in mind, PrintVis 2018 gives you Project Management - a simple and powerful way to oversee every facet of those large projects that may include extended consultancy hours, recurring design work, multiple production runs and shipments – all the underlying elements of an elaborate campaign which needs to be properly managed from one place.
XMPIE & PRINTVIS INTEGRATION

Increasingly, commercial printers are finding that an online webshop is more of a “must” than a “nice to have.” PrintVis 2018 offers integration with XMPlie’s eCommerce system, uStore. Using both PrintVis and uStore, customers will be able to create, sell online, manage and track anything from catalog-printed items to documents uploaded and built by the end-user and onto complete multichannel marketing campaigns.

This is a truly “out-of-the-box” integration – no additional software needed. It gives print customers a very attractive and easy-to-use interface for placing orders online, and further streamlines a printer’s production planning and inventory management, with every order detail captured in XMPlie sent to PrintVis for total management from the backend.

Check out the XMPlie Youtube Channel:
https://www.youtube.com/channel/UCBw8bxnIvDnKyujI8KKfNRg

HOURLY RATE CALCULATOR

Developed as a special gift for our Partners and Customers in commemoration of PrintVis’ 20th anniversary (2017), the Hourly Rate Calculator has now been integrated as part of our base product.

Simple to use from the Role Center, the HRC considers all the factors which determine the appropriate rates for a printer’s specific operations – fixed and variable costs, materials, labor and overhead – and uses these aggregate amounts to calculate the best rate per cost center to help keep a company profitable and viable. Determining your company’s hourly rates is a crucial aspect of your setup – the HRC makes it quick and easy.
QUICK QUOTE CONFIGURATOR

The starting point for any print job is the quote, and for PrintVis 2018 we have even further enhanced our Quick Quote tool with a new Configurator, which lets you create a custom Q&A checklist for any Product Group.

Set your estimator free to win the orders and optimize your production in advance - by building questionnaires into your estimation templates that let you cover all the bases.

Does this project require an Art Director? If so, how many hours are needed? You create the questions and tailor the configurations to your business, so that your quotes are as fast and accurate as possible, while generating robust estimates that include all the details, all on one screen!

PRINTVIS CHARTS

PrintVis Charts offer a basic set of statistics, graphically-displayed on the Role Center in a variety of chart styles. Each of the presented Charts can be filtered by an individual user, to display their personal view preferences, such as one’s Posted Hours or list of Cases by Order Type, Product Group, Responsible User and more.

You can simply click on any part of the presented data (column, pie, point, line etc.) and open a window displaying the detailed data behind the graphic.

For example, if you have filtered on Planning/Scheduling data for a Capacity Group, presented in a bar-chart view, clicking one of the groups will give you a direct overview of the data presented within the set filters.
TILE AND BRICK VIEW FOR PRODUCT GROUPS AND CASES

You can now easily associate your own images and artwork with Cases and their related Product Groups in PV2018.

With options for tile or brick thumbnail display, this allows for a more user-friendly interface than the standard List view, and can help you quickly navigate to areas of the system that you want to access with a simple click.

Thumbnails are automatically generated from system scans with an easy setup, using parameters that you can tailor to your specific needs, and the system automatically saves your most recent viewing preferences.

![Figure 1 - Tile View of Product Groups](image)

ADCS BARCODE SCANNER

Many modern warehouses use hand barcode scanners to capture and store data for inbound and outbound shipping activities. With an ADCS (Automated Data Capture System), users can scan the bar codes of items in your warehouse and have that information recorded in Microsoft Dynamics NAV.

• Show the Bin, quantity, Unit of Measure and location for items
• Connect items with different vendors
• With or without Bin Codes
• New Receipt List report presents warehouse employees with a list of expected purchase orders
• Create a Custom Service Instance of the VT100 Plugin
To present the Warehouse employee with a list of Purchase Orders that are expected to be received, we’ve also introduced a new report, “Receipt List,” which contains all the Purchase Orders that are expected to be received within a given timeframe. It also contains a barcode with the P.O. number for the Warehouse Employee to scan.

This functionality requires the scanner devices to comply with VT-100 Terminal Emulation and have the required software. PrintVis requires the scanners to be fully functional.

See also:

DOCUMENT MANAGEMENT REBUILD
We have completely rebuilt the Document Management functionality in PrintVis 2018. Where our previous version used Mail Merge for building reports, we have moved to XML Mapping Fields, which use custom XML fields to map the data into the document at run time, allowing for complete control over the content and format, how the fields are arranged, text style, images, and more.

Users can now also use the JET Reports Word add-in to build PrintVis Document Management templates.

We’ve also added the option to create HTML parts as merge-fields using a custom report. In previous versions, you could only create plain text parts from a custom report as a merge field, but this could create alignment and styling issues. Using HTML parts gives you complete control.
CURRENCY MANAGEMENT

In PrintVis 2018 we’ve made it possible to generate and edit pricing in a customer’s specific currency. If a customer with a foreign currency is selected on the case, the Currency Code and the actual exchange rate (based on the working date) will be transferred to the case. The exchange rate is stored in the PV Field “Currency Factor” on the case, and lets you update manually (with the click of a button) to account for any fluctuations that may have occurred in the rate.

INVOICE DIMENSION ALLOCATION

In Microsoft Dynamics NAV, a Dimension represents a specific category of your business, and each Dimension can contain subcategories known as Dimension Values (think “Apples” as one Dimension, and Gala, Fuji and Golden Delicious as Dimension Values).

You rely on your accounting department to keep you apprised of where you are making or losing money. Parsing informative data from your invoices using Dimensions is a great way to determine – and manage – the fiscal health of your company.

PrintVis 2018 leverages this standard NAV Dimensions functionality to give you deep scrutiny into your job costs, by letting you determine how your invoices should be split, in the method of your choosing. A total invoiced price can be broken down by department, cost center, materials and other narrow criteria, so you can see exactly where your money is going.

OVER/UNDER DELIVERY

Variations in quantity of finished orders occur all the time, and it’s crucial that your billing department invoices your end customer correctly, both for the customer and your own company records.

PrintVis 2018 has added functionality in the Purchase Order lines which provides helpful notifications when there is a discrepancy between the ordered quantity and the shipped quantity, and ensures that your bookkeeping is accurate.

ENHANCED PURCHASE GUIDE FUNCTIONALITY

It is now possible to change or update the cost for an Item in the Calculation Details (Cost Price Field) or on the Purchase Guide (Direct Cost PrintVis Field) - and this cost will be automatically transferred to the "PV Unit Cost (LCY)" on the purchase line.

This keeps your pricing accurate all the way from quote to invoice - and saves you from redundant manual data entry.
CONDITION SETS AT STATUS CHANGE
PV2018 brings a new functionality: ‘Condition settings’ for Cost Centers - to perform checks on stock size and stock thickness through a Status Code change.

The purpose is to alert a user if the selected paper for a process doesn’t meet the specifications of the press (Cost Center) - such as if the selected stock is too thin to run on the designated press, or a specific paper grain direction is required at a certain paper weight or thickness.

Currently, Conditions can only be set towards entries within the Sheets created in the system, thus offering conditions for printing presses or sheet-related finishing units only.

CREATING QUOTES WITH CONTACTS (ONLY)
You can now create cases in a Request or Quote status for a contact that is not in your database as a customer.

So when you need to fire off a quote to a new prospect and you don’t have all their contact details, the system will now allow you to simply enter a name which can then populate the Sell-To Name and Contact fields.

SHIPPING TO MULTIPLE U.S. TAX JURISDICTIONS
We have made it easier to handle multiple shipments from a single Case which may be sent to different tax jurisdictions in the U.S.

This can be managed within the Invoice Template build, by designating a special invoicing method in the setup, which will then group the lines on an invoice based on the selected address and tax area code for each shipment originating from a single Case.

NEW DATASETS FOR PURCHASE AND CASE DOCUMENTS
Rather than requiring the assistance of a Developer when commonly-desired fields for Reports are wanted, in PrintVis 2018 we have made some new datasets available to customize in standard Word document layouts.

The new Datasets for reports can be used in both purchase documents and PrintVis Case documents.

You can choose which Userfields for a Purchase Order/Quote or Vendor you would like to see in the Dataset, with 10 fields in the header, and another 10 in the lines - free for you to define.

For more information on building Word report layouts go here.
JDF ENHANCEMENTS/SIGNATURE MANAGEMENT

As the standard file format for the printing industry, JDF simplifies information exchange among various systems and provides detailed information, including design and workflow details, as well as Job Messaging Format (JMF) signaling, so you can track a project from start to finish.

With over 10 years of JDF Certification and CIP4 membership, PrintVis knows the many benefits that standardization brings to process automation in the print industry.

PRINTVIS-JDF WORKFLOW

JDF ENHANCEMENTS IN PRINTVIS 2018

As a job in JDF is represented with a tree structure, we have enhanced the entire JDF functionality with more information moved from the "leaves" to the "roots." This makes for improved performance with several systems on the market.

- We can now write JDF in versions 1.3, 1.4 and 1.5
- A new JDF Intent setup option has been added - this will only write Intent Nodes (aspects of the job) and allows for a simpler job description – in a less detailed and hard-coded manner than standard JDF
- Cost Center Configurations have been enhanced on the CIP4 setup options
- There is a new setup option to include Dimension Nodes in the Intent area

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NEW FEATURE OF PRINTVIS SIGNATURE FUNCTIONALITY
When printing a book, you may have a cover, multiple 16-page signatures and a residual sheet of 8 pages. Now you can easily change the sorting of these Job Items in PrintVis based on your needs - for example, if the 8-pager is a full-color insert which needs to be stitched into the center of the book.

ENHANCED TOOL FUNCTIONALITY
On a Job Item it is possible to select up to four tools for production. In former versions, the Imposition Type of the most recently selected tool was chosen for the layout on the Specification Card. Now it is possible to predefine which tool will determine the imposition/cut-off for production, in the setup.
CONCLUSION
As usual, our new release also includes tons of bug fixes and other systemic improvements. PrintVis undergoes constant development within the Dynamics NAV environment, and it is noteworthy that we are continuing to reduce our footprint within NAV while emphasizing the use of Events for any required modifications. This will facilitate all future upgrades and bring us closer to Dynamics 365, whose release is right around the corner – so stay tuned in 2018!