PRINTVIS

POWERED BY MICROSOFT DYNAMICS

WHAT'S NEW

PrintVis 365 Business Central On-Premises

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Release Date: November 2019

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PRINTVIS 365 BUSINESS CENTRAL ON-PREMISES

Welcome to PrintVis 365 Business Central On-Premises, our first release under Microsoft's new banner for its robust, centralized ERP platform.

Officially released in October 2018, Microsoft Dynamics 365 Business Central On-Premises is where PrintVis continues to build our powerful, print-specific functionality around the engine formerly known as Dynamics NAV.
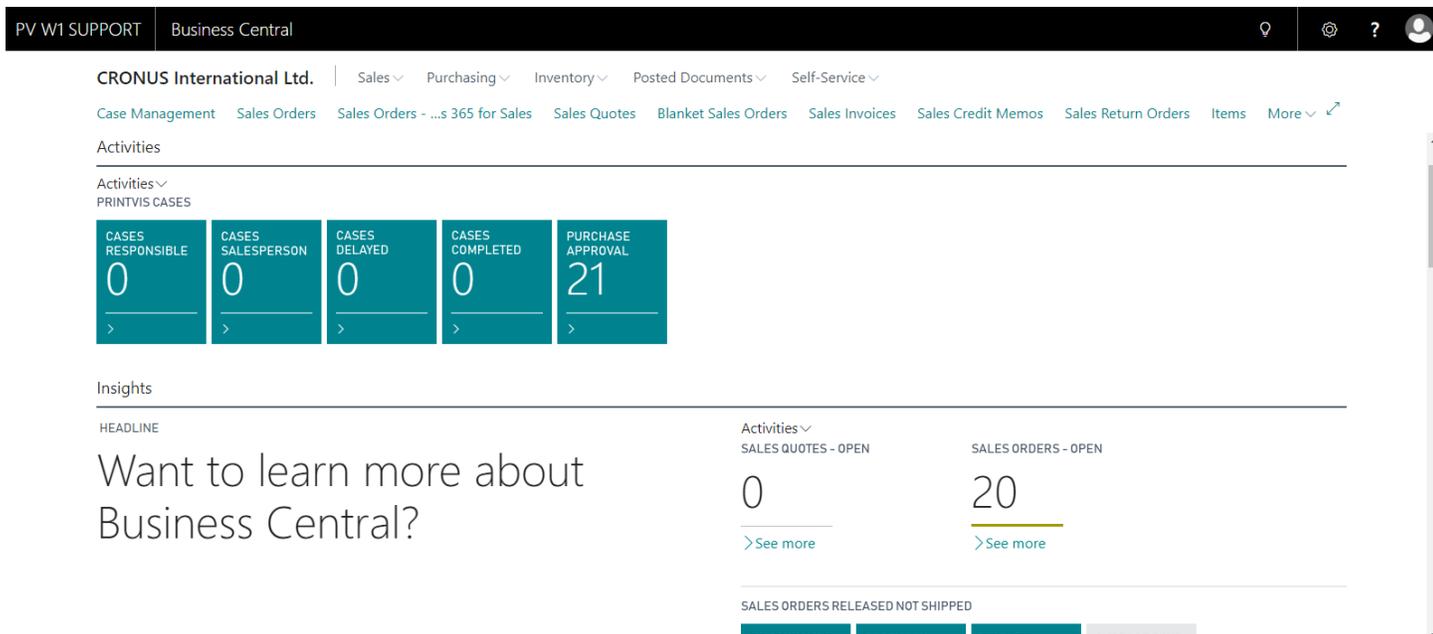
For our 2019 release, PrintVis has refined and expanded on multiple features of the system, to help you improve your production efficiency and increase valuable data flow to every corner of your business. As always, our new release also includes plenty of bug fixes and other systemic improvements.

This year's launch is special, following Microsoft's official transition from Dynamics NAV to Business Central. For over 20 years, PrintVis has undergone continuous development and innovation within the NAV environment.

Now that Microsoft has united its renowned ERP suite under the common umbrella of Business Central, PrintVis customers will find both reassuring familiarity and exciting innovation with a refreshing and highly productive user experience.

Sharing Microsoft's ambitious development objectives, PrintVis continues to set the standard for MIS/ERP systems tailored to the graphic arts industry.

Read on for some highlights from PrintVis 365 Business Central On-Premises!

The Modern UI of PrintVis 365 Business Central On-Premises

DCM SHOP FLOOR DATA COLLECTION

As a supplement to our JDF integration, PrintVis supports the gathering of basic performance information from older printing presses and other Cost Centers that are used in your daily operations – but which lack a digital interface of their own.

For this we use a DCM (Data Collection Module) – an external data collection hardware module with i/o functionality and ethernet accessibility. This allows for the capture and entry of key shop floor data at the site of any machine.

We have developed a standard software interface for a specific DCM – The MOXA E1210 I/O module. The data collected is either "counting ticks" or "on/off states" from your Cost Centers, enabling PrintVis to keep track of, for example, a printed quantity from your running press, and whether it is currently in "Setup" or "Print" mode. This information is now shared seamlessly with the PrintVis Shop Floor app.

Cost Cent...	Machine Name	Device Status	Counter	Last Counter Time	Last Input Mask W...	Last Input Mask Entry	Last Input Mask UOM	Last Input Mask Extr...	Last Network Timing	Order-ID Started	Ratio Threshold	Current Speed	Active
4001	CTP Plates M	Idle	3,649	11/21/2018 11:31 ...		0					0.0	0.0	☑
4030	Large Format Plotter	Idle	4,309	11/21/2018 11:31 ...		0					0.0	0.0	☑
5020	Printmaster GTO 52	Idle	22,499	11/21/2018 11:31 ...		0					0.0	0.0	☑
5490	Komori LITHRONE S44	Idle	3,847	11/21/2018 11:31 ...		0					0.0	0.0	☑
7040	Die cutting	Idle	4,224	11/21/2018 11:31 ...		0					0.0	0.0	☑

Shop Floor Data Input

This means that any of your older machines that have no computer interface can be enabled to send running sheet counts and speeds to the Production Manager, sharing real-time production data with PrintVis.
(Please note: Machines which are devoid of any type of sensor will need to have sensors installed for DCM to become functional.)

CUSTOM ITEM FORMATS

How does PrintVis maintain standards for an industry as broad and diversified as print? Easy. We continue to develop our core functionality to meet the common requirements of print companies while taking note of the special needs of individual customers when we encounter them.

When we recognize that a certain specialized functionality could be beneficial to *all our customers*, we refine it and add it to the next product launch. Custom Item Formats is a perfect example.

For non-standard items, it's now possible to make a custom setup with as many fields as desired. You can determine in the setup if the custom format should affect the dimensions of the item (e.g. width and depth), allowing you to automatically optimize its imposition on a press sheet.
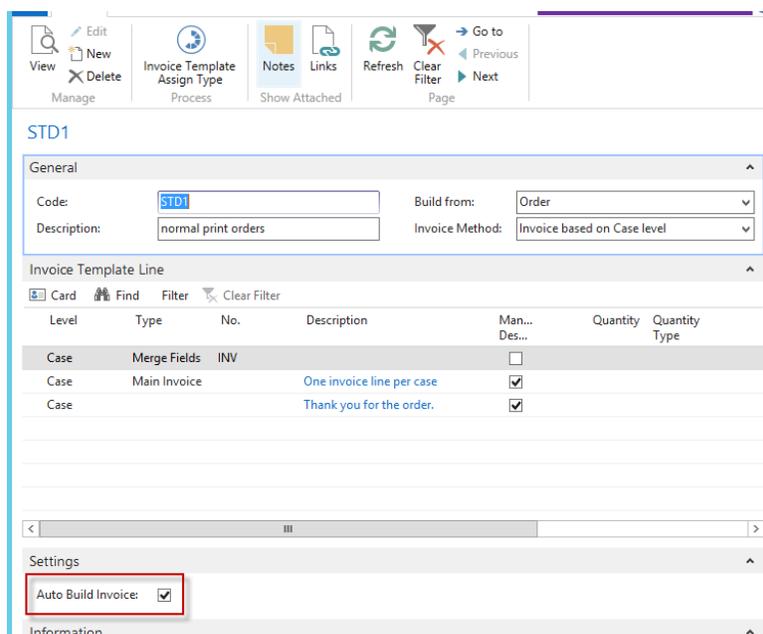
For example, with a gusseted pocket folder, or a flexible bag with an expandable base, you can set the width factor (2X, 4X, etc.) on the Job Item format card and the default measurements will be adjusted accordingly through the entire calculation.

Most print companies produce "niche" or specialty items for certain customers on a regular basis, and Custom Item Formats provide a great way to save time and create precise production plans.
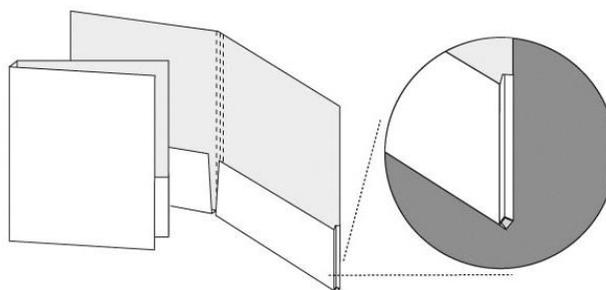
AUTOMATED INVOICE CREATION

Say your shop is running an HP Indigo or other digital press that quickly produces many small, repeat jobs -- you don't want to waste time and money by manually invoicing each one.


Auto Invoice Setup

Instead, you can use Automated Invoice Creation to generate invoices for designated types of jobs. Triggered by a change in a specified Status Code in your PrintVis setup, invoices can be generated automatically by the system, so you don't need to open each Case and walk through each step. This way you can reserve the manual invoicing for more complex jobs.
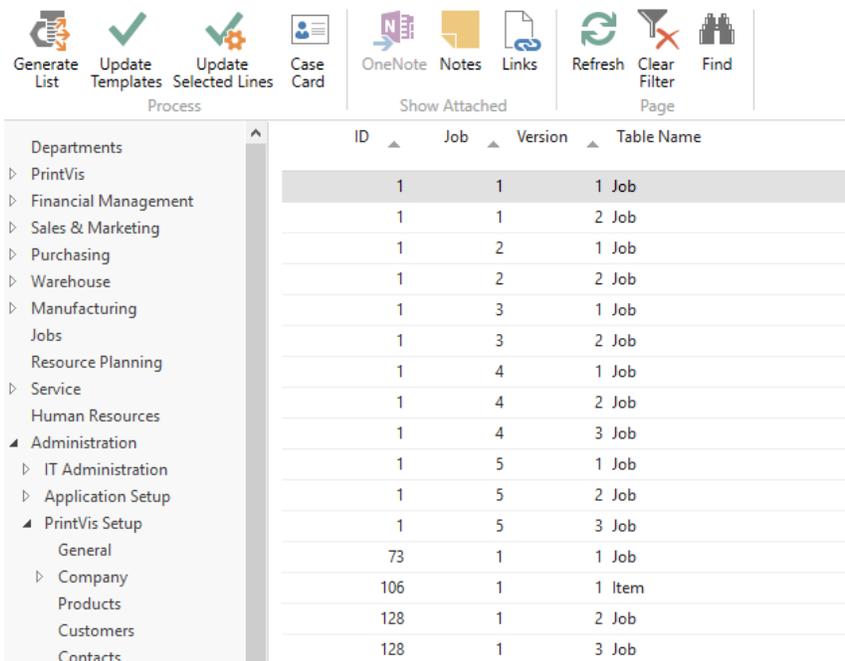
But that's not all…
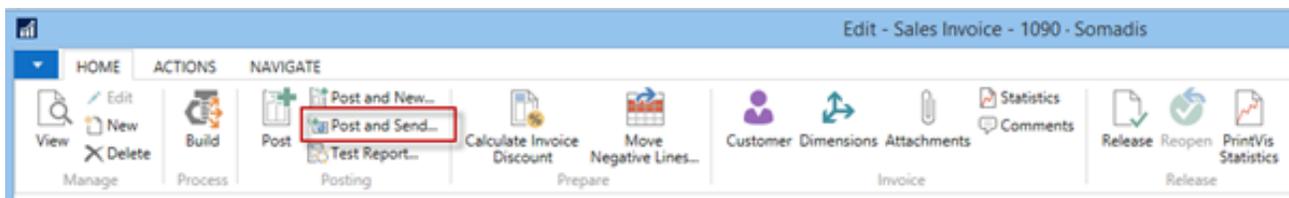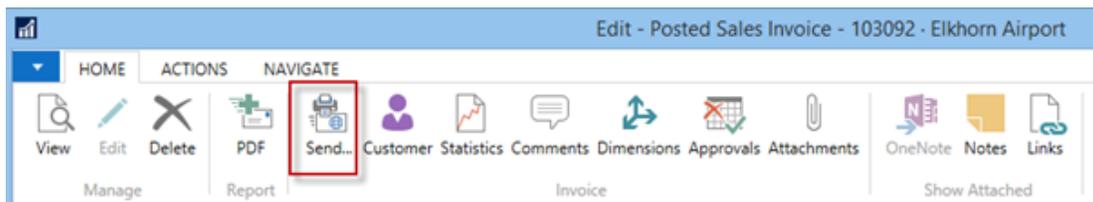
POST & SEND

PrintVis 365 Business Central On-Premises gives you some very robust functionality for the handling of electronic sales documents. You can also choose a preferred method of posting and sending invoices for specified customers or vendors. Want to batch post the invoices for all those short digital runs? Simply go to your list view and hold down the Ctrl key and select the invoices you want to post. Then from the ribbon at the top of the screen, select 'Post'. This works for orders, invoices, and credit memos.

For sending invoices and other sales documents, in your setup you can select defaults for what a subject and file name should be, select multiple email recipients (including copied recipients), import/export custom layouts, and include multiple attachments.

TEMPLATE UPDATE FUNCTION

Always striving toward improved efficiency, PrintVis continues to develop our template functionality to eliminate redundant work wherever possible. We've now made it possible to update your stored templates with the latest settings used in a given calculation with our Maintain Templates tool.

For example, if you've made changes to a Cost Center or something fundamental in your pricing structure which will affect the calculation, this change can be reflected in all your templates, as desired.

PV Template Update Tool

This can dive deeply into your setup, down to the calculation formula on a price unit, for instance. The system will update existing templates with latest data values and settings, including even your archived templates.

GANTT INTERFACE

Intelligent planning is a crucial component of any successful print business. In addition to its own robust planning functionality, PrintVis easily integrates with 3rd-party planning systems.
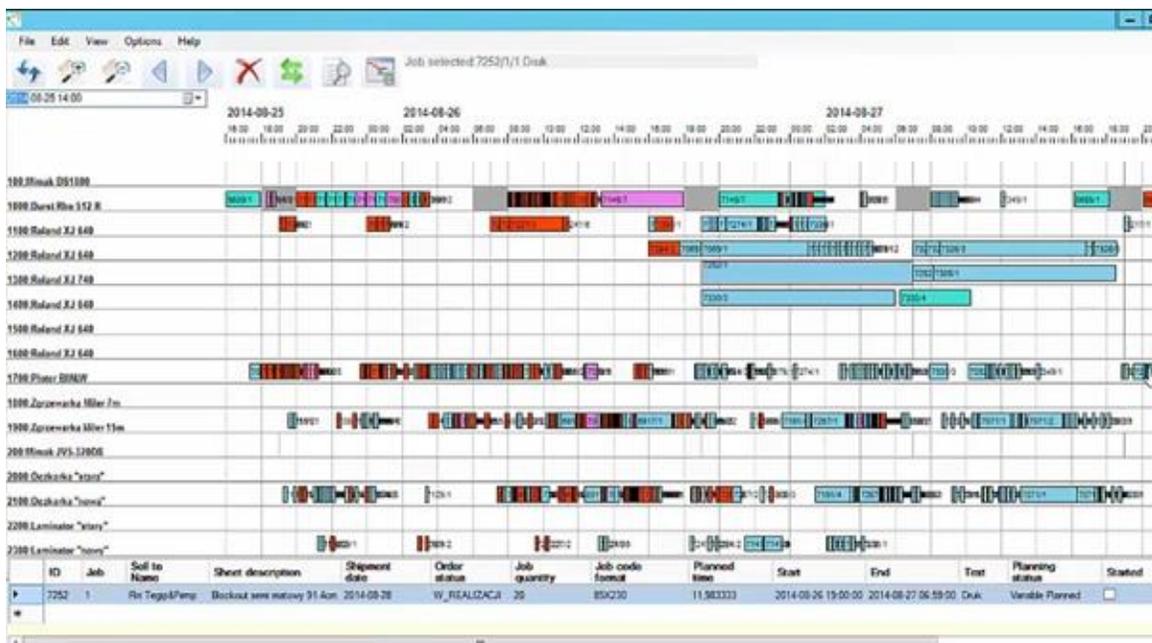
PV Gantt Board

For 2019, we've taken our existing web service and fully defined it for use with other planning functionalities. This basically gives our Partners an open API (based on SOAP web service), to help customers create their own Gantt board or integrate with their preferred graphical planning module as needed.

Microsoft Dynamics 365 Business Central
Core Capabilities

Financial management	Account receivables/ payables	Bank reconciliation	Fixed asset management	Month/Year end closing
Sales & service management	Quote generation	Contact management	Sales invoicing	Payment processing
Project management	Capacity planning	Budgets and estimates	Job and process costing	Resource management
Supply chain management	Inventory and Purchasing control	Shipment and distribution	Returns and cancellations	Procurement and vendor management
Operations management	Forecasting	Production planning	Manufacturing capacity	Warehouse management
Reporting & analytics	Customer insights	Self-serve reports	Interactive dashboards	Built-in intelligence

About Microsoft Dynamics Business Central on premises

Released in October 2018, Microsoft Dynamics NAV has been renamed Microsoft Dynamics 365 Business Central on premises, to be united under the Dynamics 365 Business Central brand.

Dynamics NAV customers upgrading to Business Central on premises will enjoy the unique flexibility to continue running on premises, move to the cloud, or adopt a hybrid approach.

Business Central everywhere - cloud, hybrid, and on-premises availability

Business Central gets an on-premises deployment option that serves as a successor to Dynamics NAV. In other words, rather than a new version number for Dynamics NAV, customers can get Business Central on-premises. The experience for partners and customers on-premises is no different from the familiar Dynamics NAV upgrades, except for the change in name. This is a convergence point for Dynamics SMB products—going forward, they are all considered customers of Business Central, in the cloud or on-premises, even if they are running differently branded products such as Dynamics SL, Dynamics GP, and older versions of Dynamics NAV.

In the era of digital transformation, the most successful businesses are already reaping the rewards by expanding on flexible cloud platforms and meeting customer demands in real-time by collecting comprehensive data, intelligently analyzing results and responding with sophisticated automation software. Microsoft continues to contribute to this movement with latest updates to Dynamics 365.

Source: https://docs.microsoft.com/en-us/business-applications-release-notes/october18/dynamics365-business-central/